

AUTHOR MANUAL

flwpx

A guide to get you starting on producing your own publications on **flwpx**.



Table of Contents

1	Int	rodu	ction	.6
2	Re	giste	ring on flwpx	.7
3	Wo	ord		.8
	3.1	Tab	le of contents: Chapters and Headings	.8
	3.2	Pag	es	.8
	3.3	Pag	e Breaks	.8
	3.4	Ima	ges	.9
4	Flw	ирх с	ommands in Word	10
	4.1	Ima	ges	10
	4.1	1	i_ : Insert .jpg image	10
	4.2	Vec	tor charts	10
	4.2	2.1	v_: Insert vector chart with optional image icon	10
	4.3	Out	put cells	10
	4.3	8.1	CO_ : Output cell	10
	4.4	Inp	ut cells	10
	4.4	1.1	CI_ : Input one cell	10
	4.4	.2	CJ_ : Input full	11
	4.4	.3	CV_ : Input versioning cell	11
	4.4	1.4	CDS_ : Single column display	11
	4.5	Atta	achments	11
	4.5	5.1	CF_ : Attachment field	11
	4.5	5.2	CFN_ : Variable number of attachment fields	11
	4.5	5.3	CG_: Attachment image	12
	4.6	Cor	iditional commands	12
	4.6	5.1	CCE_ : Conditional Command Evaluation	12
	4.7	Out	put regions	12
	4.7	'.1	CD_ : Display Excel region	12
	4.8	Tex	t segments	12
	4.8	8.1	TS_: Text segment start and TE_: Text segment end	12
	4.8	3.2	TCS_: Conditional text segment start and TCE_: Conditional text segment en 13	d
	4.8	8.3	TO_: Conditional text segment output	13
	4.9	Prir	iting	13



Property of regpx

	4.9	.1	TOC_ : Table of Contents	13
	4.9	.2	SOP_ : Start of Print	13
	4.9	.3	EOP_ : End of Print	13
	4.9	.4	POL_ : Print orientation landscape	13
	4.9	.5	POP_ : Print orientation portrait	14
5	Flw	рх С	ommands in Excel	15
	5.1	Inpu	ut Cell / region	15
	5.1	.1	CI_ : Define cell / region as input	15
	5.1	.2	CJ_: Define cell / region as full input	15
	5.1	.3	CK_: Define cell / region as non-workgroup input	15
	5.1	.4	CIR_: Define cell / region as input triggering refresh	15
	5.2	Res	et button	15
	5.2	.1	CR_ : Define reset button	15
	5.3	Con	ditional Row / Column	16
	5.3	.1	CVR_: Conditionally exclude row	16
	5.3	.2	CVC_ : Conditionally exclude column	16
	5.3	.3	CCE_: Apply the command of a nominated cell to a region	16
	5.4	Atta	achment cell	16
	5.4	.1	CF_ : Define attachment cell	16
	5.5	Нур	erlink	17
	5.5	.1	CH_ : Define publication hyperlink	17
	5.6	Use	r privileges	17
	5.6	.1	CLE_ relates to editing rights per user	17
	5.6	.2	CLV_ relates to viewing rights per user	17
6	Flw	рх со	ommands in Visio	19
	6.1	Con	ditional Nodes	19
	6.1	.1	CVN_: Conditionally display Visio node	19
	6.2	Noc	de Titles	19
	6.2	.1	CT_ : Node title update	19
	6.3	Con	nposite Visio commands	19
7	Exc		ithoring	
	7.1	She	ets Allowed per Excel File	21
	7.2	Dro	p List	21
	7.3	Che	ck Box	21



Property of regpx

7.4	Attachment Field	22
7.5	Tables	22
7.6	Inputs and Outputs Fields from Excel	23
7.7	Graphs	23
7.8	Dates	24
7.9	Hyperlinks	24
7.10) Reset	25
7.11	Naming Cells	26
7.12	Managing Bookmarks	26
7.13	Conditionality in Excel	26
7.	.13.1 CVR_, CVC_, and CCE_ : conditional exclusions	26
7.14	Managing user exclusion in Excel for Visio charts	27
7.	.14.1 CLE_: determining user editing rights	27
7.	.14.2 CLV_ : determining user viewing rights	27
7.15	Spreadsheet Prefixes	28
8 Vi	isio	30
8.1	Images in Word	30
8.2	Navigational Map Links	31
9 G	eneral	33
9.1	Finishing	33
9.2	Bookmarking	33
9.	2.1 Word	34
9.	2.2 Excel	34
9.	2.3 Visio	35
9.3	Hyperlinks	35
9.4	Special Characters	36
10 Pi	refix Summary	37
11 Pu	ublishing	48
11.1	First Time Publishing	48
11.2	Republishing	50
12 Se	ending a Publication	51
13 W	/orkgroup participation	53
14 Pi	rinting	54
15 W	/orked Out Examples	55



Property of regpx

15.1 Publication with Word55
15.1.1 Modify55
15.1.2 Images and Bookmarks57
15.1.3 Hyperlink59
15.2 Publication with Excel62
15.2.1 Word62
15.2.2 Excel63
15.3 Publication with Visio / Navigational Map73
15.3.1 Interactive Visio Image79
15.3.2 Conditional Visio Maps82
15.4 Using Conditional exclusion to allow or remove regional editing rights in a publication
15.5 Using Conditional exclusion in Word89
15.6 Using conditionals to allow regions to appear only when predetermined inputmade 91
15.7 Reset button97
Appendix A: Currently Implement Excel functions
Appendix B: All unimplemented Excel functions105

Disclaimer: The information in this document does not constitute financial product advice and is provided for general information purposes only, without taking into account any potential customer's or investor's objectives, financial situation or needs. This communication is not intended to provide, and should not be relied on for, accounting, legal or tax advice.

This information is provided "as is" without warranties or representations of any kind, including any representation of intellectual property non-infringement, fitness for business, merchantability, or other purposes. No warranty of accuracy or reliability is given and no responsibility for this communication, including arising from any error, is accepted by regpx, its officers, or employees. The recipient of this information shall evaluate it carefully and make its own due diligence when



Property of regpx

Private and confidential

sharing it and using it at its own risk. **regpx** disclaims any liability or responsibility from any use or interpretation of, or reliance upon, such information and makes no representation about its accuracy, timeliness or completeness.



1 Introduction

flwpx can take multiple Microsoft documents, including Word documents, Excel spreadsheets, Microsoft Visio files and create one all-inclusive publication that can be shared with multiple readers.

Furthermore, if used correctly, the publication will become editable by multiple parties while still retaining the original documents with the author and allowing the author full control on what can be edited and by whom.

This document will show you the basics on how to create a publication, and the best way to create a publication and key points on how **flwpx** handles the basic elements of all documentation. This document will also show you how to create more complex publications as dynamic interactive documents, to get the most out of your publication.



2 Registering on flwpx

To download **flwpx**, please visit <u>https://www.flwpx.com/introduction</u>.

At the bottom of the page, there is a *Download flwpx lektur* button. Please click on this button and the download will start automatically. Please feel free to watch the video while waiting. To see this video please click on the *Video of flwpx lektur* button. Once downloaded, please run the .exe file. Please allow flwpx to make changes to your computer and accept the license agreement.

Please e	nter your personal details							
Enter the name by which you will be identified to other users								
User name								
Lab	el the device you are using (e.g. Laptop, Desktop, Tablet							
Device								
Email								
City								
Password								
Registry Co	de							
	🗆 Unlisted							
	Cancel Register							

On start-up, this registration window will automatically appear.

User name: Your given name (and surname)

Device : Something recognizable like *Laptop*, *Desktop*, or *Work PC* - to distinguish it from other possible registrations in your name.

Email : Your email address, Optional, but this allows other users to recognise your registration name as belonging to you. Not used for any purpose other than human recognition.

City : Again, for human recognition

Password : I would suggest leaving this blank - it is not needed except for extreme circumstances

Registry code : I would suggest username. This creates your **flwpx** address, which would then be Elana&flwpx (for example). Avoid using spaces.

Do not flag the "unlisted" flag. This will make it impossible for us to contact you at the current time.

When complete, click on "Register".



3 Word

The most basic documents that flwpx can handle is Microsoft Word. The following sections, will explain how to make the most of your Word documents and how flwpx handles some of Word's functionality.

3.1 Table of contents: Chapters and Headings

The **flwpx** viewer does not make use of the Table of Contents created in Word, this functionality therefore must not be included or created.

Instead, flwpx creates a Table of Contents based on the level of headings used, where Heading 1 is assigned to a Chapter heading, and the Headings 2 to 9 can be used in descending ranking, as best suited to the work in your Word document.

It is essential that the heading styles are only applied to actual headings. The rest of the text should be normal. All heading styles should be based on normal.

To personalise the look of the level of

heading chosen, in the Home ribbon, Styles (*Alt+Ctrl+Shift+S*) -> manage styles -> Modify.

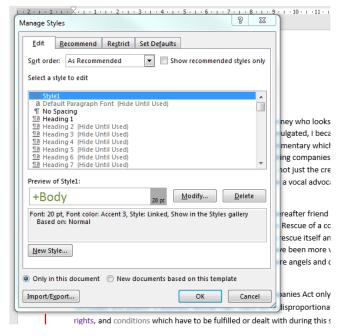
A consistent approach will achieve the optimum results.

3.2 Pages

The **flwpx** viewer adjusts the page size dynamically to fit the size of the device used to view the content. This means that pages are not fixed. In your document, when wishing to refer to a specific page, rather create a hyperlink to the content referred to so that it can be directly accessed, alternatively refer to a table/figure or chapter number. Do not specify a page as this will invariably be incorrect.

3.3 Page Breaks

The uniqueness of the **flwpx** viewer is that paging is managed internally and thus there is no use of page breaks made within **lektur** unless the publication needs to be printed. When printing, page breaks are obeyed, so that it is possible to divide printouts at the given page breaks, if required. Please remember that if you permit printing, the user can print your document to Acrobat PDF, from which all your text can be copied.



Aside from printing, the flwpx viewer will ensure that headings align with their assigned images, tables or paragraphs, and that pages are formatted dynamically to the size of the screen used to display the document, which will differ from user to user.

3.4 Images

Currently **flwpx** can handle other types of image files such as .*png* or .*bmp*, but the explanations below use .*jpg* as the image type. A feature of the **flwpx** viewer is that images are presented as scalable high resolution Jpegs without having to undertake the pain of sizing images to fit into the Word document. Presented in the form of thumbnails in the media panel, these thumbnails can be flipped into the Utility panel for closer inspection by panning and zooming. To make use of this feature, follow these easy steps:

- Save all the *.jpg's* that are to be included in your Word document in one folder,
- Label each image sensibly, so that you can at a glance determine which image is which, "sensible_name.jpg",
- In your word document place a holder at the point where you wish your image to be, "Sensible image", add a short description on the next line,
- Bookmark the placeholder with the identical name of your image preceded by "i" followed by an underscore, "i_", so that for example, the placeholder "Sensible image" is given the bookmark "i_sensible_name" or "i_sensiblename", note that the "jpg" does not form part of the bookmark as it denotes a file type,
- Prefixing a bookmark with "i_" indicates to the flwpx system that a jpg file will be placed at the place holder.

Word has its quirks, one is that bookmarking a placeholder can over run other text and cause your **flwpx** document to lose some of its features. This is especially prevalent when pressing enter after a bookmarked field. When this happens, check your bookmarks using the "<u>Go</u> To", ensure that the bookmark encompasses only the placeholder and does not include the text below or further placeholders. If this has happened, copy the bookmark "*Ctrl c*" then delete the bookmark, exit the bookmark box, reassign the area of the placeholder, invoke the bookmark box, add the copied bookmark "*Ctrl v*".

Images specified as bookmarked text in the document will be understood to refer to a .jpg image file, and this image will be merged into the document during the **flwpx** import process, where the size of the thumbnail image is specified when configuring your document for publication.

Remember to store your images in a subfolder of your publication.

4 Flwpx commands in Word

4.1 Images

4.1.1 i_: Insert .jpg image

To insert images in your publication, save your image as a jpg where the name has no spaces. Use an "_" instead of a space. In Word place the bookmark for the name of the "i_Image" over "image". Consider using a table in Word to enhance layout.

Jpgs and svgs are stored in a sub-folder of your publication folder.

(See example in Word Document "Draft Publication" bookmark: "i_Colosseum")

4.2 Vector charts

4.2.1 v_: Insert vector chart with optional image icon

To display your Visio chart within the publication you need to export your Visio file as a "svg". Map linking between "svgs" aids navigation through your publication. If you would also to display a reduced size image of your Visio file in the publication and make it available for printing, export the Visio as a "jpg".

Jpgs and svgs are stored in a sub-folder of your publication folder.

(See example in Word Document "Draft Publication" bookmark: "v_project_life")

4.3 Output cells

4.3.1 CO_: Output cell

The CO_ command in word is used to output a single cell from your excel spreadsheet. This can be used, for example, to complete a sentence, as follows:

The owner of the car is *CO_nameofowner* and he is responsible

The italic section above, CO_nameofowner should, of course, be a bookmark. The label portion - nameofowner - should refer to an excel label which resolves to a single cell. That cell can be a value or a formula, and in this case should provide the appropriate name.

(See example in Word Document "Draft Publication" bookmark: "CO_invest_val_1")

4.4 Input cells

4.4.1 CI_: Input one cell

If CI_is used in the word document, this denotes an input field from a single cell - i.e., for the command CI_inputcell, the label "inputcell" must denote a single cell in excel not containing a formula. Note that as with all input cells in excel, it is important that this cell in your excel



workbook must not be empty. A single space, a dot or a digit (0) is required to ensure that the cell exists and can be used as input.

(See example in Word Document "Draft Publication" bookmark: "CI_issue")

4.4.2 CJ_: Input full

As with CI_, CJ_ also denotes input of a single cell, but in this case all available framed space is used for the input. For practical reasons, this means that CJ_ in a word document should only be used within a word table, where the frame of the cell in which you place the command will be used as the limits of the input field.

(See example in Word Document "Draft Publication" bookmark: "CJ_Basic_issue_shares")

4.4.3 CV_: Input versioning cell

Relates to a single cell of arbitrary size in Excel. It is labelled and then bookmarked in Word with the prefix "CV_". Take cognisance on the intended size of the cell and constrain it in a table in Word for improved layout. The effect of the CV_ command is that the contents of the cell are available for editing and the edits are visible as strikethroughs and added content, much as in Word when "Track Changes" is enabled.

(See example in Word Document "Draft Publication" bookmark: "CV_Version_text") with the corresponding: cell in Excel Document "Draft Publication" name: "Version_text")

4.4.4 CDS_: Single column display

Relates to a single column in excel of arbitrary height. The region is labelled and then bookmarked in Word using the prefix "CDS_". This column is primarily used for large text segments, and obeys all formatting placed on the text.

If the column extends the length of the page, a page break will be enforced within the column and the column will continue on the next page. And the text within the column will be split accordingly.

4.5 Attachments

4.5.1 CF_: Attachment field

Provides a single attachment field in your publication for documents. Label a cell in Excel, bookmark in Word with a CF_Label.

(See example in Word Document "Draft Publication" bookmark: "CF_Attachment")

4.5.2 CFN_: Variable number of attachment fields

Provides for multiple attachments in your publication for documents. Label a column in Excel, bookmark in Word with a CFN_Label. Only the first attachment point is visible in your publication, if that is filled, the next one pops up and so on until the column provided has been filled.

(See example in Word Document "Draft Publication" bookmark: "CFN_multiple_attach")

4.5.3 CG_: Attachment image

Provides a single attachment field in your publication for images. Label a cell in Excel, bookmark in Word with a CG_Label. In **flwpx** when an image is placed in this attachment field, the attachment field will update and the image will be displayed within the publication.

4.6 Conditional commands

4.6.1 CCE_: Conditional Command Evaluation

The CCE_ command in a word document (ex.: CCE_mycondition) denotes the conditional generation of a command bookmark. The extension ("mycondition" in the example above) must denote a single cell in Excel which would, typically, contain a conditional command generating an actual bookmark to be used in place of the CCE_ bookmark.

For example: The bookmark in Word is CCE_mycondition

The name "mycondition" in your excel spreadsheet denotes a cell which contains the following formula:

=IF(C23>500,"CD_firstrange","CD_secondrange")

The result of this command will be that if cell C23 has a value greater than 500, the actual command to be executed will be CD_firstrange (that is, a range of cells labeled "firstrange" in your spreadsheet will be displayed, see below for CD_ command) whereas if the content of cell C23 is not greater than 500, the command to be executed will be CD_secondrange.

(See example in Word Document "Draft Publication" bookmark: "CCE_client_info_1")

4.7 Output regions

4.7.1 CD_: Display Excel region

Used to display an excel named region using the prefix CD_. The region itself consist of a single output cell or a region with further bookmarking using flwpx prefixes such as CI_, CJ_, CF_, CVR_, CVC, CCE, etc.

(See example in Word Document "Draft Publication" bookmark: "CD_check_box")

4.8 Text segments

4.8.1 TS_: Text segment start and TE_: Text segment end

This marks a text segment that can be flipped into the utility panel for printing. Ensure that the suffix is consistent related commands.

regp

Private and confidential

(See example in Word Document "Draft Publication" bookmark: "TS_Certificate_1"/ "TE_Certificate_1")

4.8.2 TCS_: Conditional text segment start and TCE_: Conditional text segment end

This is a conditional text segment; ie it appears when certain selections or inputs have been made. Additionally, it can be flipped into the utility panel for printing.

(See example in Word Document "Draft Publication" bookmark: "TCS_Certificate_2_show"/ "TCE_Certificate_2_show")

4.8.3 TO_: Conditional text segment output

Is nested into an IF statement in an Excel cell which is labelled and then bookmarked in Word as CCE_Label. In Word the CCE_ prefix instructs **flwpx** to find the labelled cell in Excel and execute the instructions.

(See example in Excel Document "Draft Publication" in the cell named: "Certificate_2_condition", you will find the following: "TO_certificate_2_show")

4.9 Printing

4.9.1 TOC_: Table of Contents

Place a page break at the end of the page before the Table of Contents, insert TOC_# bookmark on its own on the next page, force the continuation of the publication to the next page without using a page break. flwpx will generate a Table of Contents based on the headings used at print time.

(See example in Word Document "Draft Publication" bookmark: "TOC_01")

4.9.2 SOP_: Start of Print

Place a SOP_# at the point in the publication where you wish the printable region to begin. This is useful for creating setup fields for an interactive publication, where these fields should not be printed

(See example in Word Document "Draft Publication" bookmark: "SOP_01")

4.9.3 EOP_: End of Print

Place a EOP_# at the point in the publication where you wish the printable region to end. This is useful for creating setup fields for an interactive publication, where these fields should not be printed.

(See example in Word Document "Draft Publication" bookmark: "EOP_01")

4.9.4 POL_: Print orientation landscape

Place a POL_# at the point in the publication where you wish the page orientation to change to landscape during a print, this is useful for printing extended tables

4.9.5 POP_: Print orientation portrait

Place a POP_# at the point in the publication where you wish the page orientation to change back to portrait during a print, after a POL_ has been used

Note: POL_ and POP_ take effect during a second print of the document

5 Flwpx Commands in Excel

5.1 Input Cell / region

5.1.1 CI_: Define cell / region as input

Can be a region or a cell within a named region for providing input cells. Is limited to the size of the content of the cell. Blank cells do not allow for input.

(See example in Excel Document "Draft Publication" name: "CI_address")

5.1.2 CJ_: Define cell / region as full input

As with CI_, provides for input. The size of the cell determines the limit of the input, not the content. Blank cells do not allow for input.

(See example in Excel Document "Draft Publication" name: "CJ_Comment")

5.1.3 CK_: Define cell / region as non-workgroup input

Becomes an entry field in the publication. Retains its contents for the local user during workgroup sessions. This means that the field is not over-written by another user's input.

Note that the CV_ function is only available in Word

5.1.4 CIR_: Define cell / region as input triggering refresh

Marking regions in Excel with a CIR_Label instructs **flwpx** to update the related Visio charts and Excel calculations in real-time.

(See example in Excel Document "Draft Publication" name: "CIR_clear_check")

5.2 Reset button

5.2.1 CR_: Define reset button

Create a button within a named region by labelling it CR_ABC. Please note that the CR_ must be followed by three characters, no more, no less. Label the region or regions, that exist within a named region, to be reset XX_ABC. Any number of regions can be reset by inserting 01, 02 etc XX_01_ABC, XX_02_ABC. This in effect can create global reset for your publication. In Word the bookmark to display the named region is then CD_named_region.

(See example in Excel Document "Draft Publication" name: "CR_ROL")

(See example in Excel Document "Draft Publication" name: "XX_ROL")

(See example in Excel Document "Draft Publication" name: "Director_assignment_table")

(See example in Excel Document "Draft Publication" name: "CD_Director_assignment_table")

5.3 Conditional Row / Column

Private and confidential

5.3.1 CVR_: Conditionally exclude row

CVR_Name relates to a Cell "Name" that resolves as TRUE, FALSE using an IF statement. Where the name of the cell "Name" is then used with the prefix CVR_ to name a spanned region (ie. end to end horizontally) within a named region that. It can be used multiple times using 01, 02 ie CVR_01_Name, CVR_02_Name, and so on.

(See example in Excel Document "Draft Publication" name: "CVR_Clear_all")

5.3.2 CVC_: Conditionally exclude column

CVC_Name relates to a cell "Name" that resolves as TRUE, FALSE using an IF statement. Where the name of the cell "Name" is then used with the prefix CVC_ to name a spanned region (ie. end to end vertically) within a named region that. It can be used multiple times using 01, 02 ie CVC_01_Name, CVC_02_Name, and so on. CVC_01_Control_quarter_119

(See example in Excel Document "Draft Publication" name: "CVC_01_Control_quarter_119")

5.3.3 CCE_: Apply the command of a nominated cell to a region

CCE_Name in Excel will evaluate a nominated cell "Name" to determine the actual command to be executed. The area covered by CCE_Label need not span the horizontal or vertical axis of the named region.

For example:

Label a cell or region as CCE_mycond.

In a cell labelled mycond, place the following conditional:

=IF(C23>300,"CD_firstregion","CD_secondregion")

This will result in a cell region display (CD_) of firstregion if cell C23 is greater than 300, and of secondregion otherwise.

The derived command in either case can be any valid command. If, for example, no command should be executed in the false case, it is fine to just place a blank string ("") in the else (false) clause.

(See example in Excel Document "Draft Publication" name: "CCE_01_April_19_Edit")

5.4 Attachment cell

5.4.1 CF_: Define attachment cell

Is a cell within a named region that provides for attachment functionality for documents, cannot be blank, insert text such as "drop attachment here".

(See example in Excel Document "Draft Publication" name: "CF_sow_pclient_1")

Note that the **CG_** and **CFN_** functions is only available in Word.

5.5 Hyperlink

5.5.1 CH_: Define publication hyperlink

Naming a cell with the prefix CH_ provides for linking to the named area in Word sans prefix.

(See example in Word Document "Draft Publication" name: "Contract")

(See example in Excel Document "Draft Publication" name: "CH_Contract")

(See example in Excel Document "Draft Publication" name: "Contract_link")

(See example in Word Document "Draft Publication" name: "CD_Contract_link")

5.6 User privileges

5.6.1 CLE_ relates to editing rights per user

Only used in Excel.

This prefix, CLE_XX, applies editing rights to sheet XX based on a TRUE/FALSE cell that is written at the time of issuing the license in flwpx. If at licensing the recipient is given editing rights on sheet XX, the cell is set to TRUE by flwpx and the recipient can edit the regions that refer to the CLE. If the recipient receives no editing rights, flwpx sets the cell to FALSE and the regions become view only. This means that the editing rights of any cell or range of cells on any sheet can be managed and controlled using the prefix CCE_, a label for a cell with instructions, and a CLE_ cell.

(See example in Excel Document "Draft Publication" name: "CLE_01")

5.6.2 CLV_ relates to viewing rights per user

Only used in Excel, for Visio blocks.

This prefix, CLV_XX, applies editing rights to sheet XX based on a TRUE/FALSE cell that is written at the time of issuing the license in flwpx. If at licensing the recipient is given viewing rights on sheet XX, the cell is set to TRUE by flwpx and the recipient can view the map nodes that refer to the CLV. If the recipient receives no editing rights, flwpx sets the cell to FALSE and the Visio map nodes disappear. So viewing map nodes can be controller with a CLV_ and a CVN_

(See example in Excel Document "Draft Publication" name: "CLV_08")



6 Flwpx commands in Visio

6.1 Conditional Nodes

6.1.1 CVN_: Conditionally display Visio node

For any Visio node, the "shape name" can be used to specify **flwpx** commands.

Using a CVN_ prefix shape name denotes the node as being conditionally displayed. For example:

Shape name is CVN_displaythisnode

The extension ("displaythisnode") must be an excel label which resolves to a single cell in your spreadsheet. This cell would typically have a formula such as the following:

=IF(C23 > 400, TRUE, FALSE)

In this case, if cell C23 has a value greater than 400, the cell "displaythisnode" resolves to TRUE, and the node in the Visio chart is displayed. If the cell C23 has a value not greater than 400, the cell resolves to FALSE and the Visio node is not displayed.

(See in Visio file: mini_publication_map, within group "Client_1", the shape name of the chevron is "CVN_01_client_status_1")

6.2 Node Titles

6.2.1 CT_: Node title update

If, for a Visio node, the "shape name" is specified with a CT_ prefix, this allows the title of the node to be determined in your excel spreadsheet.

For example, if you specify the shape name CT_thisnodetitle, the extension "thisnodetitle" should be an excel label which resolves to a single cell in your spreadsheet. This cell would typically have a formula such as :

=IF(C23 > 400, "Big Value", "Smaller value")

In this case, if cell C23 has a value greater than 400, the cell "thisnodetitle" resolves to "Big Value", and this becomes the displayable title of the Visio node. In the opposite case, the title "Smaller value" becomes the displayable title of the node.

6.3 Composite Visio commands

It is possible to specify a Visio node as being both conditional and having an excel determined title. This is achieved by specifying both commands, separated by a semicolon (";")



For example, you can specify the following shape name:

CVN_displaythisnode;CT_thisnodetitle

Both commands will be obeyed - the node will conditionally display, and if it displays the node title will be derived from the excel cell refered to in the CT_ command.

(See in Visio file: mini_publication_map, within group "Client_1", the shape name of the rectangle is "CT_person_name_1;CVN_01_client_status_1")



7 Excel authoring

7.1 Sheets Allowed per Excel File

The first 12 sheets of an Excel file allow definition of viewing and editing rights. Note that Excel always numbers the sheets as per the listing sequence in the sheet tab at the bottom of the spreadsheet. The leftmost sheet in this tab set is sheet 1, and they number sequentially to the right from this sheet onward.

For each of the first 12 sheets, the **flwpx** licence allows the licence issuer (author or publisher) to define whether that sheet may be viewed and/or edited. In this way, it is possible to provide the same document to different recipients and (for example) allow up to 12 recipients to edit distinct regions of the document, with no overlap (if so desired).

From sheet 13 onwards, all content is automatically editable and viewable.

For this reason, it is important to place all content with security requirements within the first 12 sheets. No control over content access is available beyond this limit.

Note: Although inter-sheet references are fully supported, off-spreadsheet references (in other words, references to other spreadsheets) are not supported at all. Should a spreadsheet contain an off-spreadsheet reference, the last text entry generated will be used.

7.2 Drop List

To create a drop list:

- 1. Create a list of options
- 2. Highlight that list and name it something sensible.
- 3. Select the cell you want the drop list to appear in
- 4. In the excel ribbon: Data > Data Validation
- 5. Select list from the drop down menu under allow
- 6. Source is your named list.
- 7. Click okay.
- 8. Rename the cell that contains the drop down to something sensible with the prefix "CI " or "CIR "
- 9. Encompass that cell with another bookmark.
- 10. Duplicated that second bookmark in word with the prefix "CD_"

7.3 Check Box

To create a check box:

- 1. In the ribbon: Developer > Insert (The briefcase icon) > Form Controls > Check box
- 2. Draw the check box on your spreadsheet.



- 3. Right click on the check box > Format Control... > Cell Link: (Select the cell where you wish for the checkbox to appear in flwpx)
- 4. Selecting and de-selecting the checkbox will change the selected cell to "TRUE" or "FALSE" respectively.
- 5. Rename the cell that contains the TRUE/FASLE to something sensible with the prefix "CI_" or "CIR_"
- 6. Encompass that cell with another bookmark.
- 7. Duplicated that second bookmark in word with the prefix "CD_"

7.4 Attachment Field

In the excel file, name a single cell something sensible, and put some form of text within it.

In the word document create a bookmark with the prefix "CF_" and the sensible name. This will change that cell to accept any attachment.

7.5 Tables

Create a table in your Word document suitable for your purposes. Bookmark the fields that are to be editable with the names of the Excel "name box" prefixing with "CI_" (capital c and i followed by an underscore, no spaces) to indicate that the field is for calculation. And in the cases which the editable fields are going into the document blank, just place a full stop in the editable cells, to ensure that they can be edited on flwpx.

nows, João Pessoa	Rating	
nows, João Pessoa		
	Rating	
ela)		
-	Rating	8 23
Bookmark	A Street Street	8 52
Binaii Canela Canela CD OriginalSurvey CD Protestants CD Survey CD Survey CI RatingB CI RATING CI R		<u>D</u> elete <u>G</u> o To
	Canela Catholicim CD, OriginalSurvey CD, Protestants CD, YourSurvey Chile C, RatingA C, RatingB C, RatingB C, RatingD Sort by:	Rating Rating Rating Bookmark Bookmark Bookmark name: CL RatingA Brazil Catholicam Catholicam Catholicam C D. Origina Survey CD. Origina Survey CD. Origina Survey CD. Origina Survey CD. Origina Survey CD. Catholas C. C. C. C. SatingA C. C. C. C. SatingA C. SatingA

Outcome of the survey



7.6 Inputs and Outputs Fields from Excel

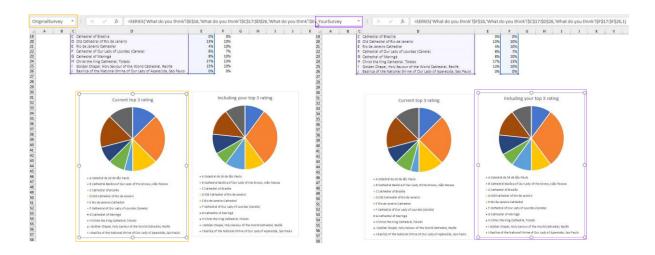
Use Excel to create editable fields in your document. Refresh will show the results of the entries made. Create your table with supporting calculations in Excel. Name the editable fields to be used in word suitably in the Excel "name box".

Description Your choice Secret of a Sis de Sis Paulo Sis de Sis Paulo Sis de Sis de Sis Paulo Sis de Sis de Sis Paulo Sis de Sis de Sis Paulo Sis de Sis Paulo Sis de Sis Paulo	C D	E	F	G	н	I J	K	V	W	X	Y		
B Cathedral Baillos of Our Lady of the Snows, Jobo Pessoa 1 0 0 3 3 6 6 C Cathedral of Snalla 0	Description	Your choice							Yo	ur Opinoin			
C Catabedral of Frasilia 0 <td>A Catedral da Sé de São Paulo</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>3</td> <td></td> <td>3</td> <td></td> <td></td>	A Catedral da Sé de São Paulo	0	0	0	0	0			3		3		
D Odd Cathedral of Risc de Janeiro 0	B Cathedral Basilica of Our Lady of the Snows, João Pessoa	1	0	0	3	3			6		6		
E Rio de Jameiro Cathedral 2 0 2 0 2 1 1 F Cathedral of Dur Lady of Lourdes (Canela) 0 0 0 0 0 2 2 2 G Cathedral of Dur Lady of Lourdes (Canela) 0 0 0 0 0 1 2 2 I Ohist the King Cathedral, Toledo 0 0 0 0 0 0 0 3 3 I Oblica Chaped I of Raveroids, Sao Paulo 0 <	C Cathedral of Brasilia	0	0	0	0	0			0		0		
Image: Cathedral of Dur Lady of Lourdes (Canela) 0	D Old Cathedral of Rio de Janeiro	0	0	0	0	0			з		з		
C Catebrail of Maringå 3 1 0 0 1 2 2 H Christ Hrig Cathedral, Toledo 0 0 0 0 0 0 Golden Chapel, Holy Saviour of the World Cathedral, Recfe 0 0 0 0 0 J Basilica of the National Strine of Our Lady of Aparecida, Sao Paulo 0 0 0 0 J Basilica of the National Strine of Our Lady of Aparecida, Sao Paulo 0 0 0 0 1 Description Your Choice Your Opino 3 A Categral Gala 0 0 0 6 D. Old Cathedral of The Sava, Jobo Peace 1 0 3 6 D. Old Cathedral of The Sava, Jobo Peace 1 0 3 6 D. Old Cathedral of The Sava, Jobo Peace 1 0 3 6 D. Old Cathedral of The Sava, Jobo Peace 1 0 3 6 D. Old Cathedral of The Sava, Jobo Peace 1 0 3 7 E. Rio da Janice Cathedral of The Sava, Jobo Peace 1 0 0 7 E. Rio da Janice Cathedral of The Sava, Jobo Peace 3 0 0 9 G. Cathedral of Miningå <t< td=""><td>E Rio de Janeiro Cathedral</td><td>2</td><td>0</td><td>2</td><td>0</td><td>2</td><td></td><td></td><td>1</td><td></td><td>1</td><td></td><td></td></t<>	E Rio de Janeiro Cathedral	2	0	2	0	2			1		1		
Image: Christ the King Cathedral, Toledo 0 0 0 0 0 I Golden Chapel, Holy Saviour of the World Cathedral, Recffe 0 0 0 0 3 J Basilics of the National Strine of Our Lady of Apsarcids, Sao Paulo 0 0 0 0 0 1 Description 24 J K V W X 2 Description 0 0 0 0 0 0 3 A Catefrait 0 Sele 650 Paulo 0 0 0 0 4 B Catefrait 0 Sele 650 Paulo 0 0 0 0 5 C Catefrait 0 Sele 10 of UL 1ady of the Snows, João Pessoa 1 0 0 0 6 D Did Gathedrait of Finalia 0 0 0 0 0 7 E Rio de Janeiro 0 0 0 0 2 9 G Catefrait of Gathedrait of Rio de Janeiro 0 0 0 2 9 G Catefrait of Mingrå 3 1 0 1 2 10 H Christer King Catefraita Recife 0 0 0 0 11 I <td>F Cathedral of Our Lady of Lourdes (Canela)</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>2</td> <td></td> <td>2</td> <td></td> <td></td>	F Cathedral of Our Lady of Lourdes (Canela)	0	0	0	0	0			2		2		
I Golden Chapel, Hely Seniour of the World Cathedral, Recife 0	G Cathedral of Maringá	3	1	0	0	1			2		2		
Image: second	H Christ the King Cathedral, Toledo	0	0	0	0	0			4		4		
24 J K V W X 1 Description Your choice Your choice Your Opino Your Opino 3 A Catefaria Bailla of Our Lady of the Snows, João Pessoa 0 0 0 0 0 3 3 4 B Catefaria Ibailla of Our Lady of the Snows, João Pessoa 1 0 1 2 </td <td>I Golden Chapel, Holy Saviour of the World Cathedral, Recife</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>3</td> <td></td> <td>3</td> <td></td> <td></td>	I Golden Chapel, Holy Saviour of the World Cathedral, Recife	0	0	0	0	0			3		3		
24 J K V W X 1 Description Your choice Your choice Your Opino Your Opino 3 A Catefaria Bailla of Our Lady of the Snows, João Pessoa 0 0 0 0 0 3 3 4 B Catefaria Ibailla of Our Lady of the Snows, João Pessoa 1 0 1 2 </td <td>J Basilica of the National Shrine of Our Lady of Aparecida, Sao F</td> <td>Paulo 0</td> <td>0</td> <td>0</td> <td>0</td> <td>0</td> <td></td> <td></td> <td>0</td> <td></td> <td>0</td> <td></td> <td></td>	J Basilica of the National Shrine of Our Lady of Aparecida, Sao F	Paulo 0	0	0	0	0			0		0		
3 A Catactral of 8 de de 36 0 Paulo 0 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>24</td><td></td><td>J</td><td>K V W </td><td>x</td></t<>									24		J	K V W	x
4 B Cathedral Basilica of Our Lady of the Snows, João Pescoa 1 0 0 3 3 6 5 C Cathedral of Fasilia 0	1 2	Description					Your choice					You	r Opinoin
5 C Cathedral of Ensile 0		6 Cotestal do Sé do	São Paulo				0	0	0	0	0	3	
6 D Old Cathedral of Rio de Janeiro 0 0 0 0 0 0 0 0 3 7 E Rio de Janeiro Cathedral 2 0 2 0 2 1 8 F Cathedral of Cutodes (Canela) 0 0 0 0 2 2 9 G Cathedral of Maringå 3 1 0 1 2 10 H Christ tek king Cathedral, Torido 0 0 0 0 3 11 I Glober Obseel Mos Svaluer of the World Cathedral, Recife 0 0 0 0 3	3	A Caleural us se de	00010010										
7 E Ro de Janeiro Cathedral 2 0 2 0 2 1 8 F Cathedral of Our Lady of Lourdes (Canela) 0 0 0 0 0 2 2 1 9 G Cathedral of Mangrità 3 1 0 1 2 10 H Christ the King Cateedral, Toleso 0 0 0 0 3 11 L Colder Onseel How World Cathedral, Rectfer 0 0 0 3	3 4			ly of the Sno	ws, João Pe	ssoa	1	0	0	3	3	6	
8 F Cathedral of Our Lady of Lourdes (Canela) 0 0 0 0 2 9 G Cathedral of Mainga 3 1 0 1 2 10 H Christ the King Cathedral, Toledo 0 0 0 0 4 11 L Globar Obase) May Solution of the World Cathedral, Recife 0 0 0 3	3 4 5	B Cathedral Basilica	of Our Lad	ly of the Sno	ws, João Pe	5508	1	0	0	3	3 0	6 0	
9 G Cathedral of Maringä 3 1 0 1 2 10 H Christ tek King Gatedral, Toledo 0 0 0 0 4 11 I Glober Obseel How Swigurer of the World Cathedral, Recife 0 0 0 0 3	3 4 5 6	B Cathedral Basilica C Cathedral of Brasi	of Our Lad		ws, João Pe	ssoa	1 0 0	0 0 0	0 0 0	0	3 0 0	6 0 3	
10 H Christ the King Cathedral, Toledo 0 0 0 0 0 4 11 L Golden Chapel, Holy Saviour of the World Cathedral, Recife 0 0 0 0 0 3	3 4 5 6 7	B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F	i of Our Lad lia Rio de Janei		ws, João Pe	ssoa	1 0 0 2	0 0 0	0 0 0 2	0	3 0 0 2	6 0 3 1	
11 Golden Chapel, Holy Saylour of the World Cathedral, Recife 0 0 0 0 0 0 0 3	3 4 5 6 7 8	B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F E Rio de Janeiro Cat	of Our Lad lia Rio de Janei chedral	iro		ssba	1 0 0 2 0	0 0 0 0	0 0 2 0	0 0 0	3 0 2 0	6 0 3 1 2	
II Golden Chapel, Holy Saviour of the World Cathedral, Recife 0 0 0 0 3 12 J Basilica of the National Shrine of Qur Ladv of Aparetida. Sao Paulo 0 <t< td=""><td>3 4 5 6 7 8</td><td>B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F E Rio de Janeiro Cat F Cathedral of Our L</td><td>i of Our Lad lia Rio de Janei thedral Lady of Loui</td><td>iro</td><td></td><td>5508</td><td>1 0 2 0 3</td><td>0 0 0 0 0 1</td><td>0 0 2 0 0</td><td>0 0 0</td><td>3 0 2 0 1</td><td>6 0 3 1 2 2</td><td></td></t<>	3 4 5 6 7 8	B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F E Rio de Janeiro Cat F Cathedral of Our L	i of Our Lad lia Rio de Janei thedral Lady of Loui	iro		5508	1 0 2 0 3	0 0 0 0 0 1	0 0 2 0 0	0 0 0	3 0 2 0 1	6 0 3 1 2 2	
12 J Basilica of the National Shrine of Our Lady of Aparecida. Sao Paulo 0 0 0 0 0 0 0 0	3 6 7 8 9	B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F E Rio de Janeiro Cat F Cathedral of Our L G Cathedral of Mari	i of Our Lad lia Rio de Janei thedral Lady of Loui ngà	iro rdes (Canela		ssoa	1 0 2 0 3 0	0 0 0 0 1	2 0 0	0 0 0 0	3 0 2 0 1	6 0 1 2 2 4	
	3 6 5 7 8 9 10	B Cathedral Basilica C Cathedral of Brasi D Old Cathedral of F E Rio de Janeiro Cat F Cathedral of Our I G Cathedral of Mari H Christ the King Ca	i of Our Lad Ilia Rio de Janei thedral Lady of Loui ngă thedral, Tol	iro rdes (Canela ledo	3)		1 0 0 2 0 3 0 0 0	0 0 0 0 1	2 0 0	0 0 0 0	8 0 2 0 1 0	6 0 1 2 2 4 3	

7.7 Graphs

To include a pie chart with the results of the editable fields, Label your pie chart in your Excel spreadsheet in the Excel name box. Create your place holder in your Word document followed by a description on the next line. Book mark the place holder with the name of the pie chart preceded by "CD_", no spaces. flwpx currently supports pie charts, bar graphs, line graphs, and column graphs

utcome of the survey	Bookmark	8
riginal Survey	Bookmark name:	
riginal Survey	CD_OriginalSurvey	Add
	Aparecida Background Bolivia	Delet
rSurvey	Brasilia Brazil Canela	<u>Go</u> T
rSurvey	Canela Catholicism CD. OriginalSurvey	_
	CD_Protestants CD_YourSurvey	
	Chile CI_RatingA	*
	Sort by: Name Location	
	Hidden bookmarks	
		Canc





7.8 Dates

Date updates can be made using =DATE(YEAR,MONTH,DAY) and =EDATE(DATE,MONTH).

When using the "DATE" functionality, create a date cell, and a cell for the number of years using a drop down list, then in the outcome cell call the results of the following calculation. Split the original date entry cell in three discrete cells, one for Year, for Month and for Day. Below Year call the value of the drop down list. Sum the Year and drop value. In the outcome cell call the summed Year, the original Month and the original Day.

When using EDATE functionality, again create a date cell, and a drop down list for the number of months to be considered. In the outcome cell =EDATE(original date, drop list of months selected)

7.9 Hyperlinks

To create a hyperlink in your Excel spreadsheet or region to be incorporated into your Word document, insert the destination bookmark in the Address field at the bottom of the Edit Hyperlink dialogue box, make sure to prefix the bookmark with "WD:" with no spaces or underscore.

Change the hyperlink style to your chosen text format or individually per linked field to ensure consistency, as Excel in default turns a hyperlink blue, which may not be your preferred choice of colour in your Word document. Right click -> Format cells -> Underline -> none -> Colour -> black or other choice.

Subscript Strict Solid Size: Calibri Light (Headings) Font style: Size: Size: Calibri Light (Headings) Regular Table: Boild Adobe Casion Pro Boild File Adobe Casion Pro Boild File Calibri Light (Headings) Regular Table: Boild File Adobe Casion Pro Boild File Boild File Subscript	es Illustrations	Add-ins	Charts 8 S3		r _s Tou	rs Spa	arklines	Filters
This is a TrueType font. The same font will be used on both your printer and your screen.	Number Alignment Font I Eont: Calibri Calibri Calibri Adobe Arabic Adobe Arabic Adobe Casion Pro Baddee Casion Pro Bad	F_gnt style: Regular Regular Realist Bold Ralic Bold Ralic Preview	Size: 11 9 12 14 Normal font AaBbCCYyZz	S	Sub- regulation <u>80(1)</u> <u>80(2)</u>	Obligations 43	Obligations Options 48	Rights

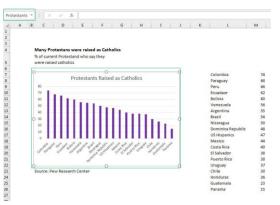
To insert a selected Excel region or graphs generated in Excel in your document:



Property of regpx

Private and confidential

- Name the graph or name of the selected region in the "name box" of your Excel spreadsheet. Name each graph or region sensibly, so that you can at a glance determine which graph or region belongs where in your document,
- In your word document place a holder at the point where you wish your graph or region to be, "Sensible name", add a short description on the next line,



- Bookmark the placeholder with the identical name of your graph or region preceded by "CD" followed by an underscore, "CD_", so that for example, the placeholder "Sensible name" is given the bookmark "CD_sensible_name" or "CD_sensiblename". Note that ".xls" does not form part of the bookmark as it denotes a file type,
- Prefixing a bookmark with "CD_" indicates to the **flwpx** system that a graph will be placed at the place holder.

Word has its quirks, one is that bookmarking a placeholder can over run other text and cause your **flwpx** document to lose some of its features. This is especially prevalent when pressing enter after a bookmarked field. When this happens, check your bookmarks using the "go to", ensure that the bookmark encompasses only the placeholder and does not include the text below or further placeholders. If this has happened, copy the bookmark "Ctrl c" then delete the bookmark, exit the bookmark box, reassign the area of the placeholder, invoke the bookmark box, add the copied bookmark "Ctrl v".

Graphs specified as bookmarked text in the document will be understood to refer to an Excel file, and the graph will be merged into the document during the **flwpx** import process, where the size of the thumbnail image is specified when configuring your document for publication. Only one Excel file supporting all the graphs or spread sheet calculations for your document is used and the thumbnails do not need to be generated separately.

7.10 Reset

There is the ability to reset values within the publication. What this means is that when you have a table that a user inputs numbers into and you wish to clear that information, you can use the reset button to remove and replace all input cells with a defined value. To do this, you will need to create a cell above, below or next to the table you wish to reset, and give it a value, for instance "0" or "0.0", then name this cell "CR_sensible", then select the region your table is in, including this cell, and name it "XX_sensible", the XX can be whatever letters you want, just ensure that the letters you are using have not already been defined. Then select the input cells and instead of naming them "Cl_name", you will use the new prefix "CIR_". And then in word you will have the bookmark "CD_XX_sensible".



This reset does not just work for tables; it works for Visio files that are defined with conditional statements. The reset will reset the values to whatever you define as the reset value and resets the Visio to its original state.

The CIR_ prefix has the additional functionality of updating the spreadsheets and Visio charts in real-time with the requirement for a refresh. Use this instead of CI_ or CJ_,

7.11 Naming Cells

Name Uniqueness: Excel allows for naming of cells or regions to be duplicated within a file, as these names are sheet specific within the file. flwpx requires that the entire excel file, which may consist of a number of sheets, adheres to a unique name per cell or region referenced in your Word document. Duplication of names for cells or regions across sheets will result in arbitrary display of information in your flwpx document - the first cell found for the given name will be used, and this is unlikely to be the correct cell. Make sure that all your cells have unique names.

7.12 Managing Bookmarks

Now you might come across a situation where you have named something incorrectly or have removed the use of that bookmark and now you want to delete it from your list of bookmarks in excel. This isn't a simple as it is in word, you have to make some changes to your ribbon.

To find the name manager: File > Options > Customize Ribbon > Under the main tabs find Data and click on it > At the bottom there will be a *New Group* button. This will create a new group under the Data tab. Make sure to click on the new group that was just created, then on the left, scroll down till you find Name Manager, click on it and then click the *Add* >> button to add it to the ribbon.

In the ribbon you will now find Name Manager under Data > New Group.

By clicking on Name Manager, a window will pop up with a list of all current bookmarks, you can now select, edit or delete any of the bookmarks.

7.13 Conditionality in Excel

7.13.1 CVR_, CVC_, and CCE_: conditional exclusions.

In an Excel spreadsheet, the CVR_ command is used to conditionally exclude one or more rows, the CVC_ command is used to conditionally exclude one or more columns from a spreadsheet region, and the CCE_ command is used to evaluate a nominated cell to determine the actual command to be executed.

Consider the following. In word, you have a bookmark CD_myregion. The label myregion resolves to a range in your excel spreadsheet - let's say A5 through G20.



This would normally result in this entire region being displayed in your **flwpx** publication.

Now, imagine that under certain conditions you don't want row 8 to be displayed.

If you create a label CVR_checkrow8 and this label resolves to the range A8 .. G8, and the label checkrow8 resolves to a cell which has a formula :

=IF(C23>300,TRUE, FALSE)

If cell C23 has a value greater than 300, the cell referred to by checkrow8 resolves to TRUE, and row 8 displays. If C23 has a value not greater than 300, the cell resolves to FALSE, and row 8 does not display.

Note that for the CVR_ command to be considered, the range referred to by the label extension (checkrow8 in this case) must extend from or before the display region to at or after the display region - in other words, in this case for CD_myregion, it must extend from column 1 to at or after column 8.

Also, note that the exclusion rows may be any number from 1 or more. You can exclude 5 rows in this example by defining the label checkrow8 as defining A8 .. G12.

In the same way, a column region can be conditionally excluded using CVC_. In this case, the label must resolve to a column or set of columns ranging from at or before the top of the display region to at least the bottom of the display region. So, for example, if this range were to be A5 .. C20, columns A through C would display conditionally depending on the value of the referenced boolean cell.

7.14 Managing user exclusion in Excel for Visio charts

7.14.1 CLE_: determining user editing rights

If you need to be able to evaluate which editing rights the user has on a given sheet in a workbook, you can use the CLE_ command to obtain this value.

In any given sheet, label any single cell using the CLE_ prefix. For example, we can label cell A1 of the sheet as CLE_rights (the label extension in this case is discarded, you can use anything you wish).

In this example, the current user's editing rights for this sheet will be placed in cell A1. That is : if the current user has permission to edit the sheet, the value of cell A1 will become TRUE, otherwise false.

7.14.2 CLV_: determining user viewing rights

If you need to be able to evaluate which viewing rights the user has on a given sheet in a workbook, you can use the CLV_ command to obtain this value.



In any given sheet, label any single cell using the CLV_ prefix. For example, we can label cell A1 of the sheet as CLV_rights (the label extension in this case is discarded, you can use anything you wish).

In this example, the current user's viewing rights for this sheet will be placed in cell A1. That is : if the current user has permission to view the sheet, the value of cell A1 will become TRUE, otherwise false.

7.15 Spreadsheet Prefixes

The following bookmark prefixes are used in Word documents with specific reference to your spreadsheet :

Prefix	Function
CD_	Display a cell, region or graph
CI_	Define a single input cell
CO_	Output the value of a cell as text
CF_	Define an attachment cell - declares a drop region for an attachment
CG_	Define an attachment cell for an image - image displayed after drop
CCE_	Define a conditional cell bookmark
CVR_	Define conditional row exclusion bookmark
CVC_	Define conditional column exclusion bookmark
CH_	Used within Excel to define a hyperlink into the document
СК_	Define a machine specific cell for workgroup purposes



CR_ Resets a given region

CIR_ Cells which will be affected by a reset

In addition to the above, there is a special case when using CD_ to display a spreadsheet region.

If you wish to define a given cell, column or row region within the CD_ region for input, that region must be "named" (the excel equivalent of a bookmark) using a Cl_ prefix name. The actual bookmark name is not important and is not used, it can be anything unique. The only relevant issue is the Cl_ prefix, which the parser uses to denote the named region as an input region. Any number of regions inside of a CD_ display region may be named for input.



8 Visio

8.1 Images in Word

A further feature of the **flwpx** viewer is that *.svg* charts or diagrams are presented as thumbnail *.jpg's* in the **flwpx** document, and expanded as scalable high resolution diagrams which present the linking functionality saved when flipped into the utility panel for closer inspection by panning and zooming. To make use of this feature, follow these easy steps:

- Save all the Visio created diagrams that are to be included in your Word document individually as both .svg and .jpg in one folder. Note: If you wish to keep your general images and those created from Visio separate, i.e have a *Chart* and *Image* folder, all .jpg's will need to go into the *Image* folder, regardless of how they originated and all .svgs will need to be kept in the *Chart* folder.
- 2. Label each image sensibly, so that you can at a glance determine which diagram is which, "sensible_name.vsdx" and then export them as *.svg* and *.jpg*,
- 3. To create an identical .jpg image of the chart or diagram, go File -> Export -> Change File Type -> JPEG File Interchange Format -> Save As,
- 4. To create an identical .svg image of the chart or diagram, go File -> Export -> Change File Type -> SVG Scalable Vector Graphics -> Save As,
- 5. In your word document place a holder at the point where you wish your diagram to be, "Sensible image", click enter and add a short description on the next line to create a boundary for your diagram,
- 6. After having clicked enter and adding a further line with a short description, go back to the placeholder and Bookmark it with the identical name of your diagram preceded by "v" followed by an underscore, "v_", so that for example, the placeholder "Sensible image" is given the bookmark "v_sensible_name" or "v_sensiblename", note that the neither "vsdx", svg, nor "jpg" form part of the bookmark as they denote a file type,
- 7. Prefixing a bookmark with "v_" indicates to the **flwpx** system that a jpg file in the form of a thumbnail will be placed at the place holder in the media panel and a navigable and scalable *svg* diagram will be available in the utility panel.
- It is possible to cause the display of a node in a Visio chart to be conditional. To achieve this, select the node, then from the Developer tab choose "Shape Name". Give the node a shape name prefixed by "CVN_". The name following the prefix must match the bookmark (name) of a Boolean cell in the spreadsheet. If the cell evaluates to TRUE (1) the node will display, if FALSE (0) the node will not display.
- 9. The title of a node can be derived from the content of a spreadsheet cell. To achieve this, select the node, then from the Developer tab choose "Shape Name". Give the node a shape name prefixed by "CT_". The name following the prefix must match the bookmark (name) of a text (string) cell in the spreadsheet which will provide the required title.

Property of regpx

Word has its quirks, one is that bookmarking a placeholder can over run other text and cause your flwpx document to lose some of its features. This is especially prevalent when pressing enter after a bookmarked field. When this happens, check your bookmarks using the "go to" button, ensure that the bookmark encompasses only the placeholder and does not include the text below or further placeholders. If this has happened, copy the bookmark "Ctrl c" then delete the bookmark, exit the bookmark box, reassign the area of the

placeholder, invoke the bookmark box, add the copied bookmark "Ctrl v".

12

The diagrams created in Visio and used in the Word document must be saved as individual files where the file title (File -> Title) is the same as the file name assigned to the image pasted as an enhanced metafile into the word document.

Private and confidential

The file title and file name must be one word with no spaces, alternatively use "" (underscore) in lieu of a space.

All the individual diagrams created in Visio are

saved in a separate folder as both a .vsdx, a .svq and a .jpq which is submitted together with the Word document to flwpx.

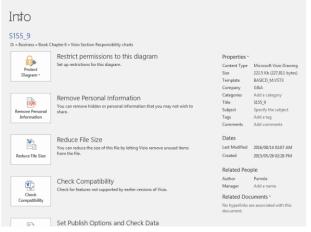
Links are created in the Visio diagrams as Insert -> Hyperlink -> insert in Address the destination bookmark created in the Word document. This would typically be a bookmark assigned to a heading.

Consistency and accuracy will determine the outcome of the quality of the links in the Word book.

8.2 Navigational Map Links

Another unique feature of the flwpx viewer is its ability to make use of a navigational overview of the entire Word document, determined by the author, to emphasize important aspects of the document, making it easier for the user to find the information they are looking for.

This overview of the entire document and then per chapter is created in Visio and requires a different linking mechanism from the ones described above, as the link is intended to open the map in the Utility panel and the related chapter in the media panel.



Hyperlinks Same company Address: R57 Browse... Sub-address Browse... Description: Use relative path for hyperlin New Material in Delete Default ? Following ord OK Cancel eparate paragrap Com

23

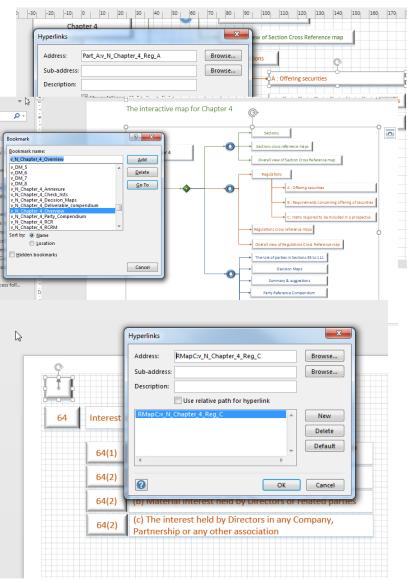




Property of regpx

To achieve this the hyperlink needs to have addresses separated by a colon ":", again no spaces. The first address must be the bookmark of the Chapter heading, the second the bookmark of the map. Such as "childbookmark:v childmap".

A further feature of the navigational mechanism is that one can travel down and up the navigational maps with a simple click. This is accomplished by including an up button in the child maps. Again, two addresses are required in the hyperlink separated by a colon ":", no spaces, that of the parent chapter and then the parent map, such as



"parentbookmark:v_parentmap".

This means in the word document, there will be two bookmarks, parentbookmark and $v_parentmap$.

The first bookmark will move the publication to the point at which the bookmark exists and the second will change the map view to the correct map.

It is possible to make the links conditional. Refer to point 8 under 5.1.



9 General

9.1 Finishing

To ensure that a Word document is ready to be sent for import into **flwpx** viewer, all changes to document must be accepted, comments deleted and the document must be saved as a "docx".

Both .doc and .docx are Word file extensions from Microsoft. The default file extension for Word 2007 became docx, prior to that, the default file extension was doc. The doc file format was proprietary to Microsoft, limiting its readability in other applications. To open the readability of the Microsoft Word documents the standard was changed to an open format incorporating XML, hence the "x". If you are using a version of Word document older than 2007, it must be converted to docx format before submitting for publication.

Once you are happy with your editing and are ready to submit your document, complete the following:

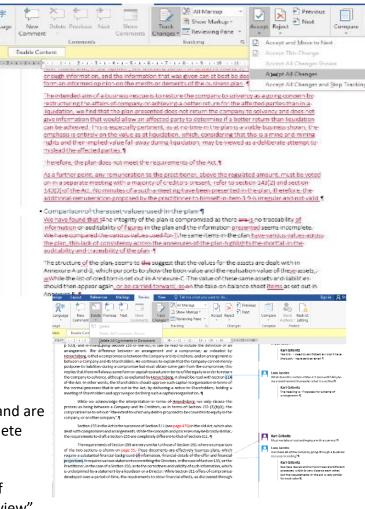
Go to "Review", click on down arrow of

Accept, Accept All Changes. Still in "Review",

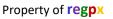
click on down arrow in Delete next to New Comment, Delete All Comments in Document.

9.2 Bookmarking

Bookmarks are a critical element of incorporating the dynamic functionality into a **flwpx** document. Take the time to validate your bookmarks, here are a few tips:



34



8 23

ScreenTip...

Bookmark...

▼ <u>R</u>emove Link

OK Cancel

💽 🎦 🚳 🚄

Private and confidential

9.2.1 Word

A technique for validating your bookmarks: *Shift +Ctrl+ F5* -> scroll to topmost bookmark -> *Alt 'g'*, check that bookmark correct, scroll down one, *Alt 'g'* again and so on.

9.2.2 Excel

Highlight the cell which will be used to hyperlink to the named region, click "Hyperlink", select "Place in this Document" under "Link to:", scroll "Select a place in this document" down to "Defined names" branch, select the appropriate named region that you would like to travel to.

27,485

3,487

23,201

22,450

14,138

3,509

49,935

48,833

188,809

237,642

797

10 11 12

<u>14</u> <u>15</u>

> <u>26</u> <u>16</u>

17

Edit Hyperlin

Link to

Existing File or Web Page

Pl<u>a</u>ce in Th Documen

Create <u>N</u>ev Document

E-<u>m</u>ail Address Text to display:

ap BR notices

🔁 (Untitled)

BR notice1 EMAIL_36143325394751_pamela Sahara Consumables - Pricelist Week 11 Sahara Consumables - Pricelist Week 12 Sahara Consumables - Pricelist Week 121

Look in:

Current Folder

Browsed Pages

Re<u>c</u>ent Files

20,698

15,775

732

270

3,921

47,472

3,674

43,329

465

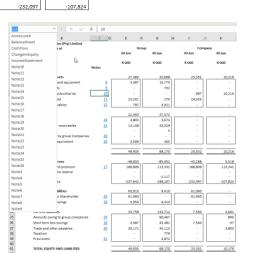
68,170

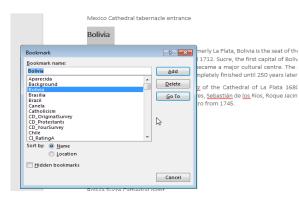
-85,952 113,332

-1,117 -198,167

Hyperlink checking: go to each link - > Ctrl 'k' -> check that the "WD:" document bookmark is correct.

Bookmark checking: cell or graph name checking, go to names tag, hit down arrow, go to each name and make sure that the area properly defined.







Property of regpx

9.2.3 Visio

Hyperlink checking: go to each linked item -> *Ctrl 'k'* -> check that the word document bookmark is identical to that entered as the hyperlink. Also, ensure that "<u>U</u>se relative path for hyperlink" is checked.

<u>A</u> ddress:	\$131_1	<u>B</u> rowse	Section 131(1)	Rights & obligations
<u>S</u> ub-address: <u>D</u> escription:		Bro <u>w</u> se	Section 131(2)	() 0
	Use relative path for hyperlink		Section 131(3)	1 8
\$131_1	·	<u>N</u> ew D <u>e</u> lete	Section 131(4)	1 6
	~	De <u>f</u> ault		
•	4			
?	ОК	Cancel	Section 131(5)	

9.3 Hyperlinks

target to follow.

A bookmark is the destination or target, the hyperlink the journey or source. Typically, a heading or image of the subject in the Word document would be a bookmark, and any reference to that subject would be a hyperlink, either in the Word document, the selected

Excel region, or in the Visio diagram.

Ensure that all destinations in the Word document are bookmarked as one word with no spaces, alternatively use "_" (underscore) in lieu of a space, this same bookmark is then used in the hyperlink as the

 Regulation 63(1)

 Information required on material contracts in a prospectus

 Information required on material contracts in a prospectus

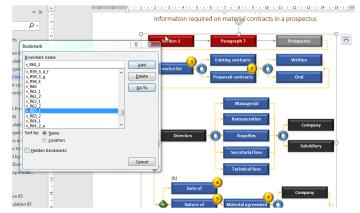
 Information required on material contracts

 Informa

Highlight the text which will be used

to hyperlink to the bookmark, click "Hyperlink", select "Place in this Document" under "Link to:", scroll "Select a place in this document" down to "Bookmark" branch, select the appropriate bookmark that you would like to travel to.

Where a heading is bookmarked which has a related image or diagram from Visio, bookmark the heading as normal, then use the same bookmark with the prefix "v_" for the image. This will ensure that the heading and image appear together when referenced.



A hyperlink in Word is default blue underlined. To modify this, create your first hyperlink, then select Styles, scroll down to Hyperlink, click Modify style, Modify, Select colour and deselect underscore button (<u>u</u>).

9.4 Special Characters

|| : (two vertical bars, alone in line in a paragraph): hard line break. The two characters are absorbed, and a line break is displayed in the output publication.

This character is build using two pipe key strokes. The pipe key can be found as the caps of the forward slash key. Where the key is located is keyboard dependant, generally it can be found above the enter key (solid vertical line), otherwise somewhere along the number key line at the top of the keyboard (dashed vertical line).



10 Prefix Summary

The following bookmark prefixes are used to create **flwpx** functionality.

Prefix	Description	Word	Excel	Visio
i_	Embed an image in the document	i_ <i>Label,</i> where <i>Label.jpg</i> is the name of the image to be embedded	not used	not used
v_	Embed a vector chart in the document	v_Label where Label.svg is the name of the vector chart to be embedded, and (optional) Label.jpg is the image to be displayed as a link to the chart in the document	not used	Generate a chart and export to <i>Label.svg.</i> Optionally generate an image to be presented, named <i>Label.</i> jpg
f_	(future provision)			
CR_	Creates a Reset button	not used	CR_region, where region is the section of the spreadsheet that needs to be reset	not used
CIR_	Input cell which causes chart refresh and formula recalculation for current display page	not used	CIR_name, where name is the name of the cell/s that are input fields	not used



Prefix	Description	Word	Excel	Visio
CCE_	Conditional link	CCE_ <i>Label</i> where <i>Label</i> is the name of a spreadsheet cell which will provide the final bookmark. See note <i>i</i> below	Linked from Word: Label is the bookmark (name) of a cell which itself generates a conditional bookmark. CCE_Label in Excel will evaluate a nominated cell to determine the actual command to be executed. See note <i>i</i> below	not used
CVR_	Conditional link	not used	Rows are displayed conditionally depending on the value of the referenced boolean cell where <i>CVR_Label</i> is the <i>Label</i> of the bookmark of the Boolean cell	not used

Prefix	Description	Word	Excel	Visio
CVC_	Conditional link	not used	Columns are displayed conditionally depending on the value of the referenced boolean cell where <i>CVR_Label</i> is the <i>Label</i> of the bookmark of the Boolean cell	not used
CVN_	Conditional link	not used	Linked from Visio : Label is the bookmark (name) of a cell which provides a TRUE (1) or FALSE (0) value, indicating whether a Visio node should be displayed or not	CVN_Label is the Shape Name of a node, where Label links to a spreadsheet cell with a TRUE (1) or FALSE (0) value indicating whether the node should be displayed or not.



Prefix	Description	Word	Excel	Visio
CD_	Spreadsheet Display	CD_ <i>Label</i> where <i>Label</i> is the name of a spreadsheet cell or region.	<i>Label</i> is the bookmark (name) of a cell or region to be displayed.	not used
		The bookmarked text is replaced by a read- only cell field with the value of the cell, or arbitrary function region. See note <i>iii</i> below.		
CF_	Attachment drop region	CF_Label where Label is the name of a spreadsheet cell used to store the filename of a dropped attachment file	<i>Label</i> is the bookmark (name) of a string cell (must not be blank initially) used to store the name of a file attachment	not used
CFN_	Attachment drop region with next	CF_Label where Label is the name of a spreadsheet region used to store the filename of a dropped attachment file. The region must nominate a column of cells - each cell is used for the next file attachment, the row is incremented with each dropped file	Label is the bookmark (name) of a string region (must not be blank initially) nominating a column of cells used to store the names of a set of file attachments	not used

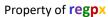
Visio

Prefix	Description	Word	Excel

Private and confidential

CG_	Attachment drop region for an image	CG_Label where Label is the name of a spreadsheet cell used to store the filename	<i>Label</i> is the bookmark (name) of a string cell (must not be blank initially) used to	not used
		of a dropped attachment image	store the name of	
		U	an image	
			attachment	

СН_	Hyperlink definition	not used	Used as the final value in a CCE_ cell link from word, to provide a hyperlink into the document.	not used
			See note <i>i</i> below.	
CI_	Input cell	CI_Label where Label is the name of a spreadsheet cell presented as an input field	<i>Label</i> is the bookmark (name) of a cell to be presented for input.	not used
			Used in excel display regions (displayed from Word using a CD_ command) to denote input cell	



spreadsheet cell

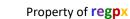
which provides the title of the node

Prefix	Description	Word	Excel	Visio
CJ_	Input full cell	CJ_Label where Label is the name of a spreadsheet cell presented as an full input field (the input field extends to fill the table cell)	Label is the bookmark (name) of a cell to be presented for input. Used in excel display regions (displayed from Word using a CD_ command) to denote input cell	not used
CO_	Output text from cell	CO_ <i>Label</i> where <i>Label</i> is the name of a spreadsheet cell for which the value is output as text. See note <i>iii</i> below.	Label is the bookmark (name) of a cell of which the value is output as text.	not used
CT_	Title derived from cell	not used	<i>Label</i> is the bookmark (name) of a cell which provides the title.	CT_ <i>Label</i> is the Shape Name of a node, where <i>Label</i> links to a

read

42

See note *iv* below



Prefix	Description	Word	Excel	Visio
CV_	Input versioned cell	CV_Label where Label is the name of a spreadsheet cell presented as a versioned input (the delta for the input field is displayed below the field)	<i>Label</i> is the bookmark (name) of a cell to be presented for input.	not used
TOC_	Table of contents	TOC_0 Inserted in Word after Title page preceded and followed by page break. Instructs flwpx to create a table of contents in the publication for printing to pdf Creator	not used	not used
SOP_	Start of Print	SOP_0. This indicates the begin of the printed region	not used	not used
EOP_	End of print	EOP_0. This indicates the end of the printed region. Typically followed by setup-only fields, not intended for printing	not used	not used

regp



Prefix	Description	Word	Excel	Visio
TS_	Start of text segment	TS_ <i>Label</i> defines the start of an arbitrary- length text segment which may be flipped into the utility panel	not used	not used
TE_	End of text segment	TE_Label defines the end of a text segment. Label must match exactly the value of Label in the TS_Label for the segment.	not used	not used
TCS_	Start of conditional text segment	TCS_ <i>Label</i> defines the start of an arbitrary- length text segment which is not displayed at the point of definition.	not used	not used
		See note <i>v</i> below.		
TCE_	End of conditional text segment	TCE_ <i>Label</i> defines the end of a conditional text segment. <i>Label</i> must match exactly the value of	not used	not used
		Label in the TCS_Label for the segment.		
		The segment so defined is not displayed at the point of definition.		
		See note <i>v</i> below.		



Prefix	Description	Word	Excel	Visio
TO_	Text segment display	Rarely used. More commonly used as an evaluated bookmark through a CCE_ bookmark. See note <i>v</i> below.	TO_ <i>Label</i> specifies the display of a text segment marked in the Word document through use of TCS_ / TCE bookmarks. See note v below.	not used
00 _000 _	Multiple suffix	Allows for re-use of the same bookmark at different places in the document. See note <i>ii</i> below.	Used in name manager for repetition of CCE_, CVC_, CVR_, CI_, CJ_, CK_, CLE_, CLV_	Used for Shape Names where necessary to allow for re-use of the same Shape Name for multiply nodes within the same chart
CK_	Machine only	not used	Allows for the changes made on one machine not to change anything on another machine during a workgroup scenario.	not used
CLE_	Elevating editing rights	Not used	To follow	To follow



CLV_	Elevating	Not used	To follow	To follow
	viewing			
	rights			

Notes:

i The CCE_ bookmark type allows for conditional generation of the bookmark itself. In other words, the CCE_ bookmark is not the bookmark that will be used; rather, it indicates a cell in the spreadsheet that will provide the final bookmark. An example may illustrate this best.

The Word document specifies a bookmark CCE_Label. The cell bookmarked (named) Label in the spreadsheet contains an IF statement, perhaps something like this: =IF(\$c\$3, 'CH_Label2', 'CO_Label3')

The result of this would be that if cell C3 evaluates as TRUE (1), the CCE_ bookmark will be replaced by CH_Label2, if FALSE (0), then replaced by CO_Label3. In other words, the CCE_ bookmark provides the ability to derive the final bookmark via conditionals in the spreadsheet, thus reacting to user input rather than being a fixed reference.

ii In Word (for bookmarks) and Visio (for Shape Names) each label may be used only once. Where a given label needs to be used more than once, it may be suffixed by a two-digit counter to provide uniqueness. For example, if you wish to output the text in a given cell at multiple points in the document, you may use CO_00_Label, CO_01_Label, CO_02_Label ... and so on. All of these will be exactly equivalent to CO_Label. The suffix may be used for any of the prefixes where uniqueness is required. The author may use either form, as required. In other words, CO_00_Label is equivalent to CO_000_Label. The 3-digit variant is presented in cases where vast numbers of alias bookmarks are required in a single document.

Note: multiple suffixes may **NOT** be used with TS_ or TCS_ text segments.

- *iii* The difference between CD_ and CO_ is as follows:
 - CD_ if referring to a single cell defines a read-only cell this is an input field which does not allow editing, i.e. read-only. The value of the cell may be selected and copied, but not changed. Note that if CD_ is used for an Excel region, bookmarks in Excel define the individual cell functions.
 - CO_ outputs the value of a cell as text, in line with the surrounding text in the document. This text is not selectable or can be copied, and appears as if it is part of the surrounding text.



Property of regpx

- *iv* This technique would only be used where the title of the node depends on user input or is conditional on user selections. In other words, the node shape name would probably link to a cell which has an =IF() or =CHOOSE() or perhaps a =CONCATENATE() function, which creates a conditional or composite title for the node. In this way, the title of the node will adjust to user selections or input.
- A conditional text segment is used where the author wishes to be able to display a complex text segment conditionally at one or more places in the document.

Where it is defined, the text segment is not displayed. Instead, it creates a text segment which may be referenced typically by using a CCE_ bookmark. An example may illustrate this best:

The author creates two conditional text segments. The first, TCS_Car, is a paragraph that describes a passenger sedan motor vehicle. The second, TCS_SUV, is a paragraph that describes a 4x4 off_road vehicle. Neither of these paragraphs display where they are defined. Now, at a given point in the document, the author uses a CCE_ bookmark to trigger a bookmark from a spreadsheet cell which may look as follows:

-IF(\$C\$3='Off_road', TO_SUV, TO_Car)

The result is that if the user has selected an off_road vehicle, the SUV paragraph displays, otherwise the sedan paragraph displays at the point where the CCE_ bookmark is specified.

Conditional text segments may contain any bookmarks that are permissible at any other point in the document - in other words, bookmarks such as CD_, CI_ or CO_ as well as v_ and i_ bookmarks may be used freely in the segment.

Note: that although not prohibited, nesting TCS_bookmarks is not sensible in most cases. It is, however, permissible to nest a TS_/TE_segment within a TCS_/TCE_segment.

A TCS_/TCE_ segment may be any length, not limited to one paragraph.

Like a TS_/TE segment, TCS_/TCE_ segments may be flipped to the utility panel.



11 Publishing

11.1 First Time Publishing

Once open, you should find your last publication or it will be blank if you are a new user. Click on the **flwpx** icon and click on the publication icon that will appear.

Trile Revision Trile Revision Trial 2015/04/37 Prospectus 2015/02/33 Cilve Report	· (5)	Reprivative Lots Office Ange	Details for whom the request applier (Data	I
		M	<u>P</u> ublish	Cancel
Publication		•		
Title				
Cover Image				
Word Document				
Excel Spreadsheet				$\equiv L$
Image folder			i	
Chart folder				
Font size	•	· ·		
Media width	·			
Thumbnail width	· · · · · · · · · · · · · · · · · · ·			
Map label	,			
Chapter style				
Chapter level				

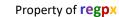
Fill in the necessary details, excel spreadsheet is not a requirement, but the Image and Chart folders are, even if they are empty folders. The *Map label* will be the name of your first navigational map. Once all the fields have been filled in, and the relevant documents



uploaded, click "Publish". When the publication has been generated, you will receive a notification at the bottom of the navigation tab.



Clicking on this notification, will take you directly to the publication, alternatively you can find the publication in your library list, accessed by clicking on the pile of books icon in the navigation tab. Your new publication will appear on the left-hand side.





11.2 Republishing

If you have already published a publication on **flwpx** and make changes afterwards, click on the publish icon, the publish window will appear and then in the "**Publication**" section, click on the name of your original publication from the drop down list of publications generated previously.

		<u>P</u> ublish	Cancel
Publication			
Title			
Cover Image			
Word Document			
Excel Spreadsheet			
Image folder			Ŭ Ŭ
Chart folder			
Font size	•		
Media width	•		
Thumbnail width	•		
Map label			
Chapter style			
Chapter level			

You can select the icon to the far right of the Word document or Excel spreadsheet section and **flwpx** will automatically fill it in with the last files used, the image and charts folders will be inserted if this was the last publication uploaded.

For new publications click on the icon to the left of the "L" and manually find the files. Once all the necessary fields are completed, click <u>P</u>ublish and wait for the notification to appear. Once it appears, click on it and your document will open.



12 Sending a Publication

Now that you have a built a complete publication, you can send it out to be filled in. To do this, click on the stack of books icon in the middle panel. This will take you to your library.

Title	Revision	Author			flue
est	2019/05/03	Leila		₽>	flwpx
BS document	2019/04/29	Pamela	five	₽>	2019.05.06 14:05:13
al	2019/05/03	Leila		₽>	DAE
ospectus	2019/01/13	Clive	ZAR×		
nancial Report	2019/03/25	Clive			
					Details for whom the
					request applies (Data Subject)

original author, you will see the following icon next to your document.

Trial 2019/05/03 Leila	

Click on this icon, and pick the person you wish to send the document too.

Click on the target icon next to the person you wish to send it too. You will then see the following page.

Select recipient for publication									
	Trial								
user	device	email	city	flwpx address	online				
Clive	Phaedrus	clive@flwpx.com	Pretoria	Phaedrus&flwpx					
Leila	a Desktop_Home		Pretoria	LeilaDH&flwpx					



Property of regpx

Publication : Draft V4	Iransmit Cancel License : Draft V4 -> Leila	Sheet View n.t Sheet 1
Target user : Leila	Max Printed Pages Visible Pages (no licence) Full prints (Draft) Full prints (Final)	Sheet 2 Sheet 3 Sheet 4
Target user : Leila	Full plints (Urar) # Days # Hours # Days # Hours @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ @ 2019/6/10 Sun Mon Tue Wed Thu Fri Sat 1 2 3 4 5 6 7 8 9 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 @ Year Month [2019 ÷ [6 ÷, June •	Sheet 4 Sheet 5 1 Sheet 5 1 Sheet 7 Sheet 8 Sheet 10 Sheet 10 Sheet 11 Sheet 11 Sheet 2 Sheet 2 Sheet 2 Sheet 4 Kw Sheet 5 b Sheet 4 Kw Sheet 5 b Sheet 7 Sheet 7 Sheet 7 Sheet 8 Sheet 7 Sheet 7 Sh

This is the license page. This allows you to control for how long someone will have access to your publication. "Allow forwarding" lets your recipient to send your publication to other people. Once the license expires they will no longer have access to it, i.e. they cannot change any of the fields. "Erase on expiry" removes the publication from their library. "Sheet view" and "Sheet edit" allows you to select what excel sheets your recipient can view or edit. Alternatively, select "All" and "All". Once you have filled in the necessary fields or ticked the boxes, click <u>T</u>ransmit and the publication will be sent.

Note: The *Relative Expiry* is based off the values imputed into *#Day* and *#Hours*, while the *Absolute Expiry* is based off the date chosen in the calendar.



13 Workgroup participation

A workgroup allows multiple parties to edit the same publication at the same time with all parties receiving real time edits.

To create a workgroup, the author will need to send the form data to the workgroup participates.

The author will need to enter the publication and then select the form data button.

Then select the form data from the form list and click on the send button. That will take the author to their contact list, select the traget contact that requires the form data. Once the target contact has been selected a new window will pop up.

f۱	N	<mark>)X</mark>
2019	.06.10 12:0	02:05
<	5	
Ŷ	ρ	
F	S	Ē
C		

Publication : Draft V4 Form : Default	<u>I</u> ransmit Cancel	_	Draft V4 -> Clive	P Sheet View⊥tiv
Target user : Clive	Add to workgroup	Max Printed Pages C Full prints (Draft)	Visible Pages (no licence) 0 Full prints (Final) 0	Sheet 2 Sheet 3 Sheet 4
device	flwpx address	Relative Expiry Absolute Expiry Erase on expiry Allow Forwarding Transfer Ownership	Image: Days # Hours Image: Days # Hours Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days Image: Days <thimage: days<="" th=""> <thimage: days<="" thi=""> Im</thimage:></thimage:>	C Sheet 5 e Sheet 7 Sheet 7 Sheet 7 Sheet 8 Sheet 9 Sheet 10 Sheet 11 Sheet 11 Sheet 1 Sheet 2 Sheet 4 Sheet 5 Sheet 5 Sheet 6 Sheet 5 Sheet 8 Sheet 8 Sheet 8 Sheet 1 Sheet 1

The author will need to give the target contact the same license as they did for the publication. Then they must click the *Add to workgroup* button. Finally click the <u>Transmit</u> button to send the form data.



14 Printing

Please ensure you have PDFcreator installed on your computer before you attempt to print a document. Go to the website: <u>https://www.pdfforge.org/pdfcreator/download</u>

When you are ready to print a document from flwpx, select the logo -> print button.

flumy Leitur LeilaDU8/flumy Print	×			
General				
Select Printer				
➡ Fax ☞ Microsoft Print to PDF ☞ Microsoft XPS Document Writer	☐ OneNote ☐ PDFCreator r ☐ Send To OneNote 201			
 Status: Ready Location: Comment: PDFCreator Printer 	Print to file Preferences Find Printer			
Page Range Image: Constraint of the state of	Number of copies: 1 ÷ Collate			
	Print Cancel			

Find and select your PDFCreator and click *Print*. It will take a minute or longer depending on the size of your publication. But once it has been compiled this window will appear.

6		Creator				
Profile:						
<default f<="" th=""><th>Profile></th><th></th><th></th><th></th><th>• Edi</th><th>t</th></default>	Profile>				• Edi	t
PDF	Filename					
	Trial.pdf					
PDF	Directory					_
~	C:\Users\	dasil\Documents				
Title:		Trial				
Author:		Leila				
Subject:						
Keywords:						
-						
Canc	el	Merge	E-mail	~		~
Canc						

Fill in all the relevant details and then *Save* the pdf.

Note: If you wish to print a document please make sure that the rows in your Word tables do not exceed the length of the page minus all the margins. IF the row extends the length of the page, the document will not be printed correctly, it will lose all the information after the first page.

Note: By creating a saving a pdf the document is no longer secure and can be sent to anyone. You will need a PDF viewer like Adobe Acrobat Reader to view and print the pdf.

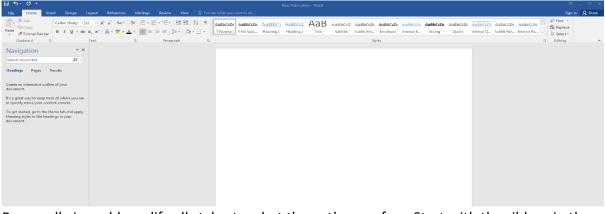


15 Worked Out Examples

15.1 Publication with Word

15.1.1 Modify

Start by opening up a blank Word document.



Personally I would modify all styles to what the author prefers. Start with the ribbon, in the styles section, right click on normal and click on *modify*.

AaBbCcDc	AaBbCcDc	AaBbCo	AaBbCcE	АаВ	AaBbCcD	AaBbCcDı	AaBbCcDu	AaBbCcDu	AaBbCcDc	AaBbCcDı	AaBbCcDu	AABBCCDE	AABBCCDE	
1 Normal	¶ No Spac	Heading 1	Heading 2	Title	Subtitle	Subtle Em	Emphasis	Intense E	Strong	Quote	Intense Q	Subtle Ref	Intense Re	Ŧ
Styles										Fa				

The following window will pop up, it is up to the author to decide on the text, text size, colour, and justification of the text of the document.

Modify Style		9 X	Ŋ		
Properties					
<u>N</u> ame:	Normal				
Style type:	Paragraph	-			
Style based on:	(no style)	-			
Style for following paragraph:	¶ Normal	-			
Formatting					
Calibri (Body) 💌 11 💌	B I U Automatic 💌				
		Modify	Style		? ×
	sph Previous Paragraph Previous Paragraph Previous Paragraph Previous sus Paragraph Previous Paragraph Previous Paragraph	Prope	rties		
	rext Sample Text Sample Text Sample Text Sample Text Sample Text Text Sample Text Sample Text Sample Text Sample Text Sample Text	<u>N</u> am	e:	Heading 1	
Sample Text Sample		Style	type:	Linked (paragraph and character)	_
	agraph Following Paragraph Following Paragraph Following Paragraph agraph Following Paragraph Following Paragraph Following Paragraph	Chull	hand and	¶ Normal	•
Following Paragraph Following Para	graph Following Paragraph Following Paragraph Following Paragraph seraph Following Paragraph Following Paragraph Following Paragraph	Style	e <u>b</u> ased on:		
Rallawing Daragraph Rallawing Dar	seranh Rallaurine Daraseranh Kallaurine Daraseranh Kallaurine Daraseranh	<u>S</u> tyle	for following paragraph:	¶ Normal	-
Font: (Default) +Body (Calibri), Line spacing: Multiple 1.08 I After: 8 pt. Widow/Orphan		Forma	tting		
		Tim	es New Roman 👻 18 💌	B I U Automatic -	
Add to the <u>S</u> tyles gallery					
Only in this document ON	ew documents based on this template				
F <u>o</u> rmat ▼	ОК	Cancel			
			9		

Next do the same thing for your headings, ensure that the styles are all based off "normal".



Property of **regpx**

An author can number their headings though it's not a requirement. To achieve numbering for the headings, click on the down arrow next to the multi-level numbering.

	Define new Multilevel list	8 22
≝ - ≝ - 🔂 - 🚍 - 🛃 📲	Click le <u>v</u> el to modify:	Apply changes to:
	1 Heading 1	Current paragraph 🛛 👻
= = = = 🏣 · 🖄 • 🖽 •	3 4 1.1 Heading 2	Lin <u>k</u> level to style:
	5 1.1.1 Heading 3	Heading 1 💌
Paragraph 🕞	7 11111Heading 5	Level to show in gallery:
	o 1.1.1.1.1 Heading 6	Level 1 🔻
	1.1.1.1.1.1.1 Heading 7 1.1.1.1.1.1.1 Heading 8 1.1.1.1.1.1.1.1 Heading 8	ListNum field lis <u>t</u> name:
	T 1.1.1.1.1.1.1 Heading 9	
	Number format	
	Enter formatting for number:	Start at: 1
	1 <u>F</u> ont	Restart list after:
	Number style for this level: Include level number from:	
	1, 2, 3,	Legal style numbering
	Position	
	Number alignment: Left 🗨 Aligned at: 0 cm 🚔	Follo <u>w</u> number with:
	Text indent at: 0.76 cm 🔶 Set for All Levels	Tab character 🔹
		Add tab stop at:
		0.76 cm
	<< <u>L</u> ess	OK Cancel

At the bottom of the drop-down menu, there is a "Define New Multilevel List" click on it and the following window should pup-up:

Define new	Multilevel list	8 ×
	to modify:	Apply changes to:
1 2 3 4 5	1 Heading 1 1.1 Heading 2 1.1.1 Heading 3	Current paragraph Link level to style: Heading 2
6 7 8 9	1.1.1.1 Heading 4 1.1.1.1.1 Heading 5 1.1.1.1.1.1 Heading 6 1.1.1.1.1.1.1 Heading 7	Level to show in gallery: Level 1
 Number for	1.1.1.1.1.1.1.1 Heading 8 1.1.1.1.1.1.1.1 Heading 9	ListNum field lis <u>t</u> name:
	nat natting for number: <u> </u>	<u>S</u> tart at: 1 😴
1, 2, 3,	tyle for this level: Include level number from:	Level 1
Position N <u>u</u> mber a Text <u>i</u> nder	lignment: Left Aligned at: 0 cm	Follo <u>w</u> number with: Tab character
		Add ta <u>b</u> stop at: 1.02 cm
< < <u>L</u> ess		OK Cancel

This will allow you to modify the numbering for each heading, just ensure that the level is linked to the correct style and that the next level will restart after the previous level.



Once all the modifications are complete, click okay. The styles section of the ribbon will have changed.

From this:

To this:

	AaBbCcI		
Normal	୩ No Spac	Heading 1	Heading 2

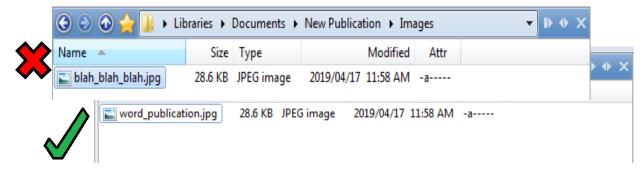
The author is now ready to start typing out the word document.

15.1.2 Images and Bookmarks

To insert images into the word document, save your images in a single sub-folder of the folder of your word document, like so:

Name	Date modified	Turne	Size
Name	Date modified	Туре	SIZE
퉬 Images	2019/04/17 11:58	File folder	
New Publication	2019/04/17 11:59	Microsoft Word D	14 KB

flwpx can currently support .jpg, .png and .bmp image files. Name the images in such a way that you can tell what the image is without opening it. Please note that there are no spaces in the name, replace all spaces with an underscore "_".



Within the word document, type out a placeholder and the text that is required for the image such as a description. The highlighted words below are the placeholder for the image.

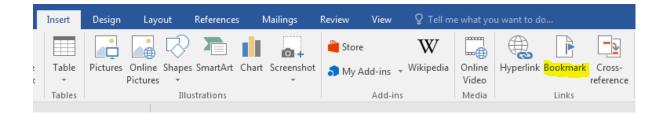
1 Chapter 1

This is a brand new publication.

Publication Image.

This is an image of the word publication.

Select the place holder then click Insert -> Bookmark



Label your bookmark identically to the image name but preceded with an "i_" (for image), then click "<u>A</u>dd".

Bookmark	? ×
Bookmark name:	
i_word_publication	Add
i_word_publication	<u>D</u> elete
	<u>G</u> o To
-	
Sort by: Name	-
© Location	
🔲 <u>H</u> idden bookmarks	
	Cancel



Private and confidential

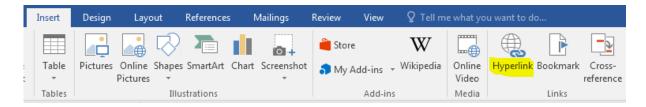
To ensure that the bookmark will only affect the placeholder, click on the "<u>G</u>o To" button and confirm that only the placeholder is selected. To ensure that the description of the image is below that of the image, start the description on a new line, you can also centre the text, **flwpx** will centre the text below the image.

15.1.3 Hyperlink

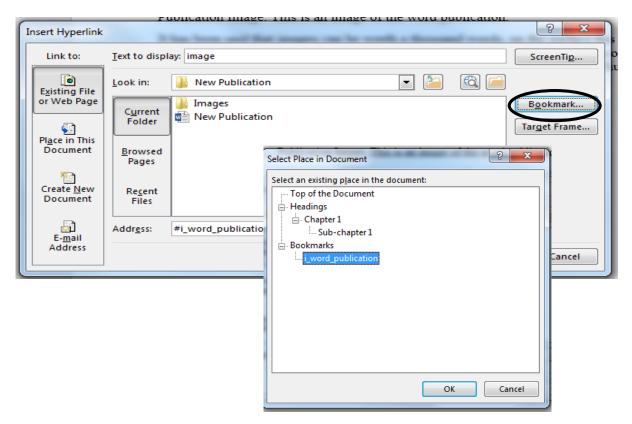
To create a hyperlink within the text, create a name for the hyperlink that will appear in the text,

It has been said that images can be worth a thousand words, on the surface this image (image) only has one, but further insight shows that the word "Publication" is written on the spines of books, and each book can contain many words, even more than a thousand. Thus this image is worth more than a thousand words.

Select the placeholder and then click Insert -> Hyperlink:



In this instance, the hyperlink will refer to the image that was bookmarked, click on "Bookmark..." to gain access to the current bookmark list. Select the correct bookmark.





Private and confidential

You will notice that the "Addr<u>e</u>ss" has changed to reflect the current hyperlink and the text the hyperlink in link to is now blue and underlined.

on the surface this image (image) ication" is written on the spines of han a thousand. Thus this image is

To remove this blue and underline, go back to style section of the ribbon and click the little arrow at the bottom.

AaBbCcDc	AaBbCcDc	AaBbCo	AaBbCcE	АаВ	AaBbCcD	AaBbCcDu	AaBbCcDı	AaBbCcDu	AaBbCcDc	AaBbCcDu	AaBbCcDu	AABBCCDE	AABBCCD	
¶ Normal	¶ No Spac	Heading 1	Heading 2	Title	Subtitle	Subtle Em	Emphasis	Intense E	Strong	Quote	Intense Q	Subtle Ref	Intense Re	. .
						Sty	/les							

This window should appear, just scroll down until you find "Hyperlink".

	Styles	- ×
	Normal	T
	No Spacing	T
on th	Heading 1	<u>¶a</u>
ication han a	Heading 2	<u>¶a</u>
liali a	Heading 3	<u>¶a</u>
	Title	<u>¶a</u>
	Subtitle	<u>¶a</u>
_	Subtle Emphasis	a
	Emphasis	a
	Intense Emphasis	a
	Strong	a
	Quote	<u>¶a</u>
	Intense Quote	<u>¶a</u>
	Subtle Reference	a
	Intense Reference	а
	Book Title	a
	List Paragraph	T
_	Hyperlink	а
	Show Preview	les
	<u>*</u> ₩ 4%	Options



Private and confidential

Hover your mouse over "Hyperlink" and click on the arrow that appear to the right, and then click *Modify* in the drop-down menu, and modify the style of the hyperlink to what you want.

🎡 flwp	ox Lektur - LeilaDH&flwpx		- 🗆 X
1	Table of Contents	flwpx	1 Chapter 1 Image: This is a brand new publication.
5.1	Sub-chapter 1	2019.04.23 JODES1	This is an image of the word publication. Thas been said that images can be worth a thousand words, on the surface this image (image) only has one, but further insight shows that the word "Publication" is written on the spines of books, and each book can contain many words, even more than a thousand. Thus this image is worth more than a thousand words. 1.1 Sub-chapter 1

With the **lektur** built table of contents on the left. One can now navigate the publication at will. In this instance, there is not much to navigate as this was only created as a starting point of the publication. As the publication grows and becomes and more complex, interactivity can be included to allow users to make inputs to the publication. The image seen is only a thumbnail and if you were to click on it, a full sized image will appear on the left panel.

15.2 Publication with Excel

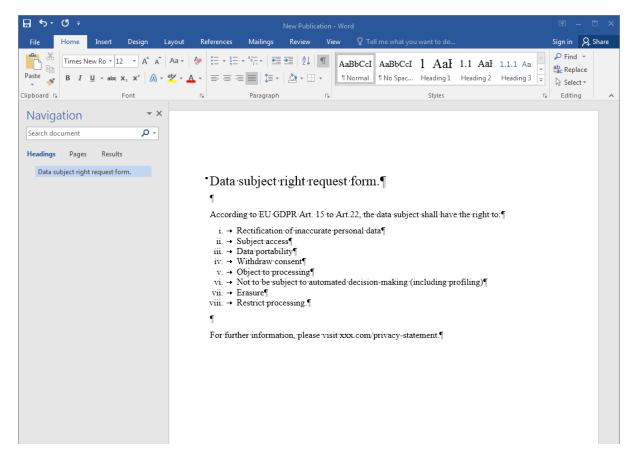
15.2.1 Word

Now that you know the basics of formatting, creating and publishing in **flwpx**, let us start making the publication more complex.

Note: The following example does not include any images, but flwpx still requires an image/chart folder, so create an image or chart sub-folder in the folder that will house you Word Document and Excel spreadsheet.

Say there is someone who wishes to request data or any information on the company, and to do that they will need to fill in a form to request such access. One could make it one step more complex and say that multiple people need access to the same data, thus one form can be filled out for multiple people simultaneously, which allows the company to only have to deal with one form instead of dozens.

To begin, we open up a word document. Format it and add any details that are required.



The information in this word document relates to GDPR regulations that come with sharing on information and are put in the document to protect the company.

15.2.2 Excel

Next, we need to open up a spreadsheet.

In the cases where multiple people need access we should be able to build one document for multiple requests, instead of one document per request.

To start out with, we will create a field which asks the user how many requests are required and provide a drop down menu with the options.

	А	В	С	D	
1					
2		Please select the correct option:	Single data subject request		
3					

The small gaps that column A and D make are act as a border for the document to allow for printing.

To create a drop down menu, we will create a list of options to the side, and then select all of them and give them a name.

Н		File		Home	I	nsert		Page Layo	ut	Formulas	Da	ita	Rev	view	View
Options 2			Υ.			Т	ime	s New Rom	a - 12	× A A	∎	= =	_	87 -	Ē
Single data subject request	[aste	Ð	Сору 🍷									_		= =
Joint data subject request		* *		Format P	ainte	r I	5 .	<u>u</u> .	•	<u>A</u> - 🖉	* =	- =	=	*= *=	
Multiple data subject request			Clipt	poard		G.		Fo	ont		G.			Alig	Inment
[Opti	ons												•
		A				B	}					С			D

By doing this, data validation of creating a drop down menu is made easier to read.

Once we have the region for our drop down list named, we select the cell where we want the drop down menu to appear, then select Data \rightarrow Data Validation.





A window will pop up and we will pick "list" from the "<u>A</u>llow" section. The source will be the named list we just created.

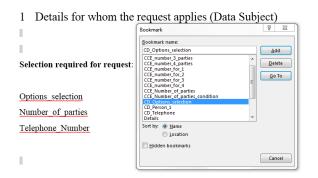
Data Validation	x
Settings Input Message Error Alert	
Validation criteria	
Allow:	
List 🖉 Ignore <u>b</u> lank	
Data:	
between 👻	
Source:	
=Options	
Apply these changes to all other cells with the same settings Clear All OK Cance	el

To get this to appear in our document, we will need to create several bookmarks.

To start with, we will select the entire range of our cells, and give them a sensible name. Do not forget to add the A & D columns to give a border.

		Get External Data	Get & Transform	Conne	ec
O	ptions_	selection		•	
	А	В	С	D	
1					
2	Ple	ase select the correct option:	Single data subject request		
3					

Open up the Word document and create a bookmarked placeholder for this region of cells.



Take note that the only difference between the names is that the Word bookmark has the prefix "CD_", this is used to tell **flwpx** that the document requires a range of cells here, and will match the Word bookmark to the Excel bookmark.



This will make the option selection appear in our document, but the drop down menu will still not allow for user input, so we will go back to the Excel spreadsheet, select the cell that contains the drop down menu, rename it something sensible, and add the prefix "CI_".

		OCCEACEMENT Data		occontational		
CI	_00)1			Ŧ	:
	A	В		С	D	
1						
2		Please select the correct option:	S	Single data subject request	-	
3						

If you were to save both document and upload to **flwpx lektur**, you would have a working drop down menu.

In the case that someone selects the multiple data subject request option, we will require a means to pop up a new option of exactly how many data requests are there.

Pick a number, in this case we used the number four, and create a new drop down menu with the values 1 to 4.

J Number	1		Α	В	с	D
1	f	1				
2	1	2		Please select the correct option:	Single data subject request	
3		3				
4		4		Number of data subjects:	1	
		5				

We only want that number of data subjects to appear in our document if the user selects "Multiple data subject request" from our option list. To achieve this, we will create a conditional cell. The highlighted cell in the image below was chosen for the conditional cell.

Nur	nbe	er_of_parties	• : >	<	√ f _x	=IF(C2=H4,CI_002,IF(C2=H2,1,	2))	
	A	В	С	D	E	F	G	
1						Conditions	Show tables	Opti
2		Please select the correct option:	Single data subject request			Extra subjects		Singl
3							1	Joint
4		Number of data subjects:	1				-	Mult
5								
		ct (1,1,1,1,1)	37					

In the formula we use an IF statement, IF cell input (C2) is equal to the "Multiple data subject request (H4)", input cell (CI_002) this input name corresponds to cell C4 is valid and return this value, else do the other IF statement. The next IF statement says, if cell input (C2) is equal to "Single data subject request", return 1, else return 2. This entire conditional statement will come in useful later.

Next, we will select another cell. In this case the adjoining cell to was used.

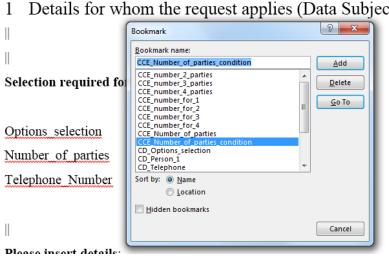
Nu	mbe	er_of_parties_condition	• : ×	=IF(CI_001=H4, "CD_Number_o	f_subjects", "")			
	A	В	ВСС		E	F	G	
1						Conditions	Show tables	Options
2		Please select the correct option:	Single data subject request			Extra subjects		Single data
3						1		Joint data s
4		Number of data subjects:	1					Multiple da
5								

This formula also uses an IF statement, so IF the cell input (C2) is equal to the "Multiple data subject request (H4)", show the entire range of cells, else do nothing. In this case, that name is referring to:

N	um	ber_of_subjects		Ŧ	:
	А	В	C	D	
1					
2		Please select the correct option:	Multiple data subject request		
3					
4		Number of data subjects:	1		
5					

The "CD" prefix is used to inform **flwpx** that a range of cells is required. For a conditional cell, the name with prefix CCE_ is used in Word.

To allow this to show in the document, we will create a placeholder in Word and give it the same name as the Excel bookmark but with the extra prefix of "CCE_" to inform flwpx that this is a conditional region.



Details for whom the request applies (Data Subject)



Now the information that is required for the application for the request.

Person 1	
Title:	
Last name:	
First name:	
Previous name (if relevant):	
Nationality:	-
Date of birth:	
Domicile address:	
Country of domicile address:	
Previous domicile address:	
Email address:	
Telephone number (incl. country code):	-

The title is a drop down menu and created in same manner as the other drop down menus above:

-	
Title	1
Mr	
Mrs	
Ms	
Other	

The full stops in each of the other cells are there to ensure that **flwpx** picks them up as editable fields. The principle of how to get this to appear in the document is the same as above. Select the entire range of cell and give it a sensible name, and then select the entire range of input cells and give it a name with the prefix of "CI_".

Pers	son_1		Ŧ	1 1	CI_	00	3		Ŧ	:
	В	С	D			A	В	C	D	
1					1	~	5		-	-
2	Please select the correct option:	Multiple data subject request			2		Please select the correct option:	Multiple data subject request	-	
з					3		rease select the correct option.	Wildiple data subject request	-	-
4	Number of data subjects:	1			4		Number of data subjects:	1	-	
5					5		Tumber of unit subjects.	1	-	-
6	Show my telephone number:	No			6		Show my telephone number:	No		
7					7		Shew my telephone number.	110		
8	Person 1				, 8		Person 1			-
9	Title:				9		Title:		-	
10	Last name:	-			10		Last name:		E	-
11	First name:				1		First name:			-
12	Previous name (if relevant):	-		1	2		Previous name (if relevant):			-
13	Nationality:				13		Nationality:			-
14	Date of birth:	-		1	4		Date of birth:			-
15	Domicile address:			1	15		Domicile address:			-
16	Country of domicile address:			1	6		Country of domicile address:			
17	Previous domicile address:			1	.7		Previous domicile address:			
18	Email address:			1	8		Email address:			
19	Telephone number (incl. country code):			1	9		Telephone number (incl. country code):			
				2	20					



In the Word document, create a placeholder with a "CD_" prefixed bookmark.

You might notice that there is an extra question "Show my telephone number:" and that telephone number is not a part of the Person_1 information block. This is because it was requested that the telephone number be separate and be conditional on the input of the user. If this request is not required, you can remove that question and add the telephone number to the information block.

The method on how to achieve this request is as follows:

Create the question, and a simple drop down menu with options of "Yes" and "No".

Then create a conditional statement within a separate cell.

	 Please insert o Person_1 Phor 	ne_1	Bookmark gookmark name: GD.Person_1 CE_number_2_parties CEE_number_3_parties CEE_number_for_1 CEE_number_for_3 CCE_number_for_3 CCE_number_for_3 CCE_Number_of_parties CD_Prelephone Dot by: D_Location Hidden bookmarks	n	E	? X Add			
number	Person_2 Phor	l	▼ : × √ fx =IF(CI_	007=K2,	,"CD_num	Close			
A	В		C	D	E	F		G	
_	В		C	D	E		:		Options
1		Single		D	E	Conditions		G Show tables	-
1 2	B Please select the correct option:	Single	C e data subject request	D	E				Single d
A 1 2 3 4		Single			E	Conditions			Single d Joint dat
1 2 3	Please select the correct option:	Single	e data subject request		E	Conditions			Options Single d Joint dat Multiple
1 2 3 4 5	Please select the correct option:	Single	e data subject request		E	Conditions			Single d Joint dat
1 2 3 4 5 6	Please select the correct option: Number of data subjects:		e data subject request		E	Conditions	S	Show tables	Single d Joint dat
1 2 3 4 5 6 7	Please select the correct option: Number of data subjects:		e data subject request		E	Conditions Extra subjects	S	Show tables	Single d Joint da
1 2 3 4 5 6 7 8	Please select the correct option: Number of data subjects: Show my telephone number:		e data subject request		E	Conditions Extra subjects	S	Show tables	Single d Joint da Multiple
1 2 3 4 5 6 7 8 9	Please select the correct option: Number of data subjects: Show my telephone number: Person 1		e data subject request		E	Conditions Extra subjects	S	Show tables	Single d Joint da Multiple
1 2 3 4 5 6 7 8 9 10	Please select the correct option: Number of data subjects: Show my telephone number: Person 1 Title:		e data subject request		E	Conditions Extra subjects	S	Show tables w Remove phone number	Single d Joint da Multiple
1 2 3 4 5 6 7 8 9 10 11	Please select the correct option: Number of data subjects: Show my telephone number: Person 1 Title: Last name:		e data subject request		E	Conditions Extra subjects	S	Show tables w Remove phone number	Single d Joint da Multiple
1 2 3 4	Please select the correct option: Number of data subjects: Show my telephone number: Person 1 Title: Last name: First name:		e data subject request		E	Conditions Extra subjects	S	Show tables w Remove phone number	Single d Joint dat Multiple

The formula is an IF statement that states, IF input of CI_007 (cell C6) is equal to "Yes" show the "Telephone number (incl. country code): input cell (cell C19)" set of cells, else do nothing. Do not forget to name the input cell with the prefix of "CI_". Name the conditional cell a sensible name, then add a placeholder with the prefixed "CCE_" bookmark in the Word document. This conditional statement will be implemented for every person.



The document should add information blocks for every person who is requesting access, i.e if 4 people are requesting access four information blocks should appear. You will need to create the information block for each person, and bookmark each block.

	В	С	D	_	Α	В	С
1				34		Person 3	
23	Please select the correct option:	Multiple data subject request		35		Title:	
4	Number of data subjects:	1		36		Last name:	
5	Trainoor of and outgoots	-		37		First name:	
6	Show my telephone number:	Yes		38		Previous name (if relevant):	•
7							•
8	Person 1			39		Nationality:	•
9	Title:			40		Date of birth:	
10	Last name:			41		Domicile address:	
11	First name:			42		Country of domicile address:	
12	Previous name (if relevant):			43		Previous domicile address:	
13	Nationality:			44		Email address:	•
14	Date of birth:	•					•
15	Domicile address:			45		Telephone number (incl. country code)).
16	Country of domicile address:	•		46			
17	Previous domicile address:			47		Person 4	
18	Email address:			48		Title:	
19	Telephone number (incl. country code)				-		
20				49		Last name:	•
21	Person 2			50		First name:	
22	Title:			51		Previous name (if relevant):	
23	Last name:			52		Nationality:	
24	First name:			53		Date of birth:	•
25	Previous name (if relevant):	•			-	Date et en an	•
26	Nationality:			54		Domicile address:	•
27	Date of birth:	•		55		Country of domicile address:	
28	Domicile address:	•		56		Previous domicile address:	
29 30	Country of domicile address: Previous domicile address:	•		57		Email address:	
30 31	Email address:	•		58		Telephone number (incl. country code)	-
31 32		•				receptione number (mei. country code	•
_	Telephone number (incl. country code)			59			
33				60			

Now every person has a new information block. If you require more people, just add extra information blocks and increase the numbered drop down list.

We do not want the entire number of blocks to appear in our document unless they are required. Therefore, we will need to use conditional statements.

This is easy for person 3 and 4 as you can just use the input field C4 as the condition, but it is slightly more complicated for person 2. The information block for person 2 should appear when the "Joint data subject request" is selected or if the user selects "Multiple data subject request" \rightarrow 2.

As it so happens, we have already created the fix for it. Remember that very first conditional statement cell we created, the one with the two IF statements? If "Joint data subject request" is the selected option, the cell will return 2, if the user selects "Multiple data subject request" \rightarrow 2, the cell will return 2. Thus, the conditional statements for Person 2 will be as such.



Property of regpx

numbe	er_2_parties	* :	$\times \checkmark f_x$	=IF(Number	_of_parties>1	,"CD_Person_2","")		
	АВ		С	D	Е	F	G	
10	Last name:						CD_number_1	
11	First name:							
12	Previous name (if relevant):							
13	Nationality:							
14	Date of birth:							
15	Domicile address:							
16	Country of domicile address:							
17	Previous domicile address:							
18	Email address:							
19	Telephone number (incl. country code	e.						
20								
21	Person 2							
22	Title:					no. = $2 / \text{joint data subjec}$	t	
23	Last name:							
24	First name:							Ī
25	Previous name (if relevant):							

The condition is if Number_of_parties (cell F3) is greater than 1, return the Person_2 information block, else do nothing. The greater than symbol is used because if the user selects 3, you will still require Person 2 information block.

You can use this conditional statement for Person 3 and Person 4, just change the value from 1 to 2 or 1 to 3 respectively and change the "CD_Person_2" to whatever name you have chosen for person 3 and person 4, just remember the prefix "CD_" in the conditional statement.

For these to appear in the document, name your conditional cell some sensible name starting with "CD_". Then in the Word document add a placeholder with a prefixed "CCE_" bookmark. Your Word document should look something like this:



1 Details for whom the request applies (Data Subject)

Selection required for request:

Options selection

Number of parties

Telephone Number

Please insert details:

Person_1 Phone_1

Person_2 Phone_2

Person_3 Phone_3

Person_4 Phone_4

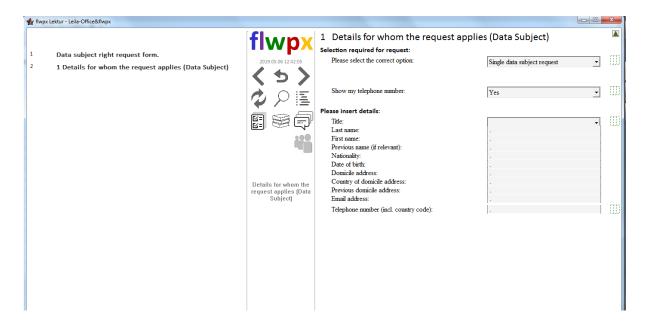
Person_2, Person_3 and Person_4 are the conditional bookmarks. While the phone placeholders are the phone number conditional bookmarks. The reason for placing the placeholders on the same line is to reduce the gap between the information block and the telephone input cells in flwpx.



Property of regpx

Private and confidential

Once published the interface should look like this :



If all the conditional statements hold, changing the options will change the document accordingly.

📸 flwpx Lektur - Leila-Office&flwpx					×
	flwpx	1 Details for whom the request a	pplies (Data Subject)		
 Data subject right request form. 		Selection required for request:			
,,	2019.05.06 12:50:31	Please select the correct option:	Multiple data subject request	•	- 699
2 1 Details for whom the request applies (Data Subject)	145				
		Number of data subjects:	2	•	- 000
		Show my telephone number:			
	V :=	Snow my telephone number:	Yes	•	600
	889	Please insert details:			
		Title:		•	- 600
		Last name:]	
		First name:	, -		
		Previous name (if relevant): Nationality:	, •		
		Date of birth:		1	
	Details for whom the	Domicile address:	-	j	
	request applies (Data Subject)	Country of domicile address:			
	Sunjech	Previous domicile address: Email address:			
			[.		
		Telephone number (incl. country code):			00
		Title:		_	600
		Last name:		•	1335
		First name:	[_	[
		Previous name (if relevant):]	
		Nationality:			
		Date of birth: Domicile address:			
		Country of domicile address:	-		
		Previous domicile address:		ĺ	
		Email address:		ĺ	
		Telephone number (incl. country code):]	- 699



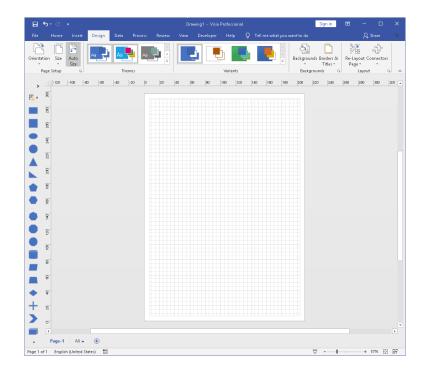
15.3 Publication with Visio / Navigational Map

With a working and editable publication, add a navigational map. For this, you will need Microsoft Visio.

You will always start with your home map. This map is the first map that will be seen when the publication is opened and the map the *Global Map Button* is linked to.

Open up Visio, Click *Basic Diagram* (this ensures that you will have direct access to the most basic shapes i.e you do not have to go searching for them.) Select *Metric Units* and then *Create.*

The default will be a grid-less landscape page. When building maps, I personally find it easier to use a gridded portrait page. To change the orientation, go to the ribbon > Design > Page Setup > Orientation > Portrait. To get gridlines, go to the ribbon > View > Show > Check the Grid box.



Your Visio file should look like this: click on File > Info, on the right-hand side you will see a list of Properties, one of them is labelled *Title*. Rename this Title and push Enter, it will highlight the title, then push Ctrl + C, this will copy your title, click Save As, save your Visio file either in the Image folder (if you have one large folder) or in the Charts folder. In file name use the shortcut Ctrl + V, this will paste the copied title. **Remember**: If you want your title to be more than one word, use an underscore to split the words and not a space.



Property of regpx

		Guides > New Publication	
Properties *			
Content Type	Microsoft Visio Drawing		L 🖌 🖌
Size	None	Name	Date modified
Template	Basic Diagram (Metric)	Images	14-Jun-19 10:26 AM
Company	Specify the company	Charts	14-Jun-19 10:42 AM
Categories	Add a category	Onarcs Rew Publication	
Title	Home_map		10-May-19 8:52 AM 12-Jun-19 2:37 PM
Subject	Specify the subject		12-Jun-192:57 PM
Tags	Add a tag		
Comments	Add comments	w to Guides > New Publication > Charts	
Dates			🗖 - 🎽
Last Modified	T. J., 1000 AM	Name	Date modified
Created	Today, 10:32 AM Today, 10:32 AM	The Home_map	14-Jun-19 10:42 AM
Related Peop	ple		
Author	Leila		
Manager	Add a name		
Related Doc	uments -		
No hyperlinks a document.	re associated with this		

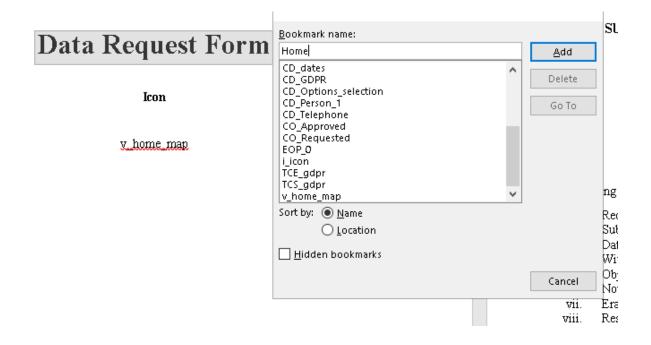
In this case there is a separate Chart folder where Visio files has been saved. To start creating a map, we will create a map for the "**Data subject right request form**" publication we built in the previous example.

Because this publication is so small, I am going to add a "cover" page in the word document that will act as a home page, and then the home map will only get one block. If you look to the left of your Visio page you will see a line of shapes, by clicking and dragging the image across to your Visio page, you will get a shape you can work with. You can also create your own shapes. If you wish to create your own shape, make use of the line tool. To get this tool go to your ribbon > Home > Tools and select the drop list next to the little rectangle and select line. I suggest using line rather than pencil as the flwpx / svg files not always register/construct arcs and circles accurately, which will reduce the quality of your map in the flwpx interface.

	lication - Ward	⊟ * >- ″ *	Hamournap - Visia Feofassional	Signin 🚥 – 🗆 X
File Home Insert Design Layout References Mailings Review View Help ACROBAT Q Tellime what you want to do	•		is Roome Yine Developer Hilp Q Telline chatypersent to	
Conc Units Table Plates Difference With and the second sec	Comments	illing lang lang lang lang lang lang	Test to Syler - O Brics -	ri-T % - Dong to the period of the period
Data Request Form	Data	→ →		
leon	Shew	• -	Data Request Form	
R VII	Dinolay			
h home map	Dispay	8		
	CDPR	a a		
	Accorde			
	L F	• 8		
	11. S 13. E			
	iv. A			
	9. (91.)			
	vii. 5 vii. 5	2 B.		
		8		
	For fast	-		
	GDPR	— "		
		🔶 😐		
		+ *		
		>		
		• Page-1 All.a. ⊕		
		Page 1 of 1 English (United States)		♡+ 526 ⊡ 87



Save all files. (Shortcut Ctrl + S). In the word document highlight **the Data Request Form** and add a bookmark to it, I suggest naming it something similar to the Visio, so if the Visio files is Home_map, then bookmark it Home.



Open a new visio file. The next visio file I gave the title "Section_map" and created buttons that will link to the various sections in the document.



Return to your word document, and create two placeholders with bookmarks to link to your maps



Data Request	Form
Icon	
<u>v Home map</u>	
<u>v Section map</u>	

Remember to include the "v_" to inform **flwpx** that this is a Visio image and make sure the name is correct, it might be useful to copy and paste the name. It is good practise to name placeholders the same as the bookmark, so you can see what it is at a glance.

Return to your Home_map Visio file and select the block, then in the ribbon > Insert > Link create a double hyperlink as follows :

Data Request F	orm		
Hyperlink	s		×
Address:	Home:v_Section_map		Browse
Sub-addr	ess:		Browse
Descriptio	on:		
	Use relative path for hyperlink		
Home:v_	Section_map	^	New
			Delete
			Default
<		>	
0		ОК	Cancel

The double hyperlink talks first to the Word bookmark and then to the Visio file bookmark and is separated by a colon. The first bit "Home" will direct the publication to that bookmark, which in this case is the front page, while the second bit "v_Section_map" will change the home_map to the section_map. Separate the two links with a colon ":".Once



your hyperlink is added, save your file. Go File > Export > Change File Type > SVG > Save as. The file name will pick up the title of the file. **Remember**: Save it within the Chart folder. You may now close the Home_map Visio file.

In your section_map Visio file, the home button's hyperlink will be Home:v_Home_map. This will return the map to the home map. The GDPR and the Details buttons hyperlinks will be a bit different.

Go to your word document and add a bookmark for the GDPR and Details sections.

Data subject right	request form.							
	Bookmark	? >	×					
Show Display GDPR According to EU GDPR A i. Rectification of ina	GDPR	<u>A</u> dd <u>D</u> elete <u>G</u> o To		 Date of request: requested	e request applies (Data Subject) Bookmark Bookmark name: Details CC_Number_of_parties CD_opton_selection CD_opton_selection CD_Telephone CO_Approved CO_Requested	^	? <u>D</u> ele <u>G</u> o	ete
				3.53.525465555	Details EOP_0 GDPR			

In the Visio file select the GDPR block and give it the hyperlink of "GDPR" and then give the details block the hyperlink of "Details", exactly like the bookmark in word.

Home GDPR	GUPR					
typerlinks	o	Details	ļ			
Address: GDPR	Browse	Hyperlinks	×			
ub-address:	Browse	Address: Details	Browse			
escription:	- E-	Sub-address:	Browse			
Use relative path for hyperlink		Description:				
CDDD		🗹 Use relative path for hyp	erlink			
		Details	^ New			

Once you have put in all your hyperlinks, save your file. Go File > Export > Change File Type > SVG > Save as. The file name will pick up the title of the file. **Remember**: Save it within the Chart folder. You can now close the Section map Visio file.

Save your word document and close it.

Open up flwpx, click the flwpx icon > new publication > fill in the necessary details. Look for the third last option called **Map Label**, in this entry field put the name of your first map. In this case, it is Home_map.



Property of regpx

	Publish Cancel
Publication	New Publication *
Title	Ne w pub
Cover Image	
Word Document	C:\Users\Leila\Desktop\Work\How to Guides\New Publication\New Public $\begin{tabular}{ c l l l l l l l l l l l l l l l l l l$
Excel Spreadsheet	C:\Users\Leila\Desktop\Work\How to Guides\New Publication\New Public $\blacksquare L$
Image folder	lmages 🝋
Chart folder	Charts
Font size	Medium (12pt)
Media width	Medium (700px)
Thumbnail width	Medium (400px)
Map label	Home_map
Chapter style	Heading 1
Chapter level	1

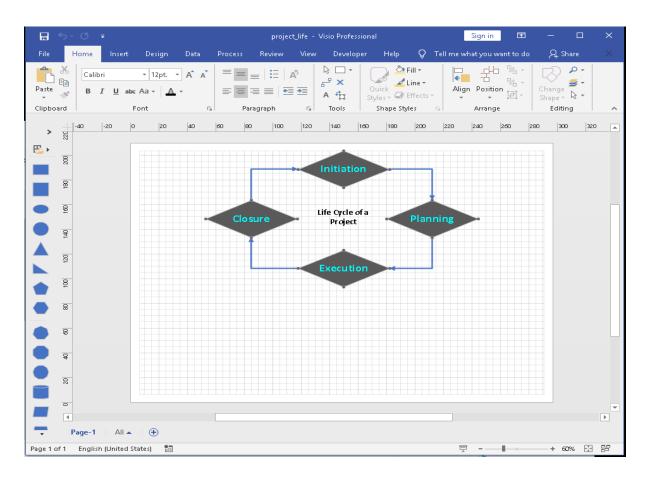
Click Publish. Wait a few moments, and your publication with a map will be generated.

Visio is not used solely for maps; it can be used to create interactive diagrams within your publication. If you wish to place an interactive diagram within your publication, a few additional steps need to be taken. In your Word document, place a "i_visio_image" bookmark where you wish the image to appear and export your visio file to JPG. **Remember**: Save your .jpg in the image folder and NOT the chart folder.



15.3.1 Interactive Visio Image

To create an interactive image open up a Visio file and create your image. In this example, I created an image of the Project Life Cycle.



Remember to go to File>Info and fill in the "title" section and save the visio files with the same name.

To create the lines, I used the connector tool, you can find this in the ribbon. Home > Tools >

Icon Then click on the corner where you want the line to begin and drag the line to the next corner.

Then in your word document, add the information you require that coincides with this image. For this example, I will show you how to get one of the diamonds to work as they all follow the same procedure.



project life¶	
---------------	--

Initiation: In the initiation phase of the project, you identify a business need, problem, or opportunity and brainstorm ways that your team can meet this need,·solve·this·problem,·or·seize·this·opportunity.·During·this·step,·you·figure· out an objective for your project, determine whether the project is feasible, and-identify-the-major-deliverables-for-the-project.¶ Project-management-steps-for-the-initiation-phase-may-include-the-following:¶ o→ Undertaking a feasibility study --- Identifying the primary problem your project-will-solve-and-whether-your-project-will-deliver-a-solution-to-thatproblem¶ o→Identifying·scope·--Defining·the·depth·and·breadth·of·the·project¶ o→Identifying·deliverables·--Defining·the·product·or·service·to·provide¶ o→Identifying.project.stakeholders.--.Figuring.out.whom.the.project.affects. and-what-their-needs-may-be¶ o→ Developing a business case --- Using the above criteria to compare the potential·costs·and·benefits·for·the·project·to·determine·if·it·moves·

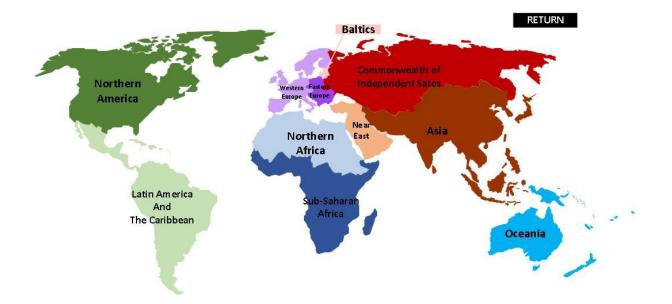
Above is the text that links to the Initiation diamond in the Visio file. Also, note the "project_life" above the "Initiation", this is the placeholder for the .svg file, and it has the bookmark, "v_project_life". Highlight "Initiation" and give it the bookmark "Initiation" or similar and save your word document.

Return to the Visio file and give the "**Initiation**" diamond the hyperlink "Initiation" or as bookmarked in Word. Save your Visio file and export it twice: one as an .svg and once as a .jpg. **Remember**: Save your .jpg in the image folder and NOT the chart folder, if you are using to separate folders.

In **flwpx**, the .jpg will produce a thumbnail in your media panel and if you click on it will open the .svg in the utility panel. The "**Initiation**" diamond will be interactive, if you click on it the media panel will jump to the information about initiation.



The image used in the example above is a simple one; you can make much more complex ones. For instance:

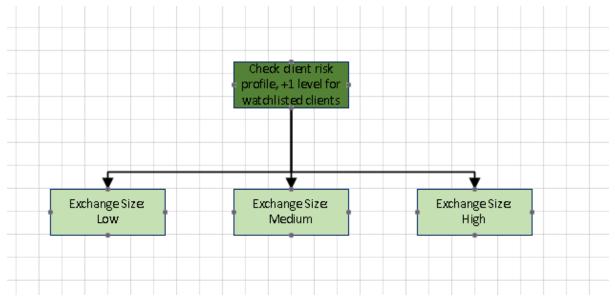


This map was created in Visio using the line tool. Each region is selectable for the media panel to display information about that region.



15.3.2 Conditional Visio Maps

If you want only parts of a Visio image to display depending on what the user inputs into your publication, you can achieve this by giving your Visio shapes conditional names.



Using the base map above as an example, to allow the first block "Check client risk profile" and "Exchange Size: Low" with the linking line to appear only if the client's risk level is low and simultaneously exclude "Exchange Size: Medium" and "Exchange Size: High".

To do this we need an excel spreadsheet.

			Low	Medium	High
Transaction Value	120000		TRUE	FALSE	FALSE

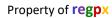
The user will see the Transaction Value and be able to input a number.

- Cell with number: Name: "CI_something"
- Highlighted region: Name: "Transact_value"
- Word document: Bookmark of "CD_Transact_value" (Save and close your Word file)

The red cells are your conditional cells. Each with the following formula and cell name

Formula:

- Low risk: =IF(CI_Transaction_value>=100000,TRUE,FALSE)
- Medium risk: =IF(AND(CI_Transaction_value<100000,CI_Transaction_value>=50000),TRUE,FALSE)
- High risk: =IF(AND(CI_Transaction_value<50000,CI_Transaction_value>=5000),TRUE,FALSE)



Cell name:

- Low risk: low_risk
- Medium risk: medium_risk
- High risk: high_risk

Save your Excel file.

Return to your Visio file, click on the "Exchange Size: Low" block and then in the ribbon: Developer > Shape Design > Shape name.

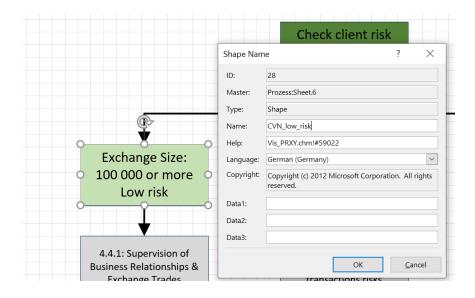
If you do not have the Developer tab, File > Options > Customize Ribbon and tick the developer check box.

Customize the Ri <u>b</u> bon: ()
Main Tabs 🔹
Main Tabs
🕀 🗹 Stencil
🗄 🗹 Icon Editor
Home -
🗄 🗹 Insert
🕀 🗹 Design
🕀 🔽 Data
Process
⊞ 🗹 Review
± ∠ View
🗆 🗹 Developer

 E Show/Hide Tools Org Chart Add-ins Help
Tools Org Chart Add-ins
Tools Org Chart Add-ins Help



Give your shape the name "CVN_low_risk"



In this case there is a "01" in the name, this is because the line connecting the "Check client risk profile" and "Exchange Size: Low" blocks has been given the same conditional statement. (Names need to be unique in Visio, Word and Excel. To re-use names insert a number between the prefix and the name separated by an underscore "_".) When you have two or more names that are the same, you must add "_00_" between the "CC" and the name. (**Note**: this applies to duplicated images in your Word file as well). You can do the same thing to the other blocks, but leave the "Check client risk profile" block unnamed, as it is always visible.

Save your Visio file and export it to .svg. Now if the user selects a value larger than 100 000, the only part of the map that will show is the "Check client risk profile" and "Exchange Size: Low" blocks with the connecting line.



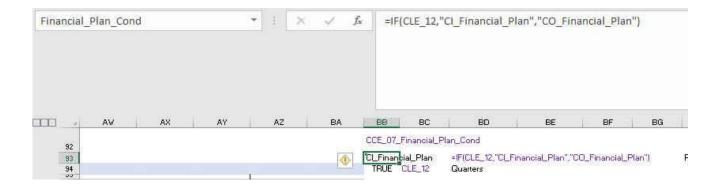
15.4 Using Conditional exclusion to allow or remove regional editing rights in a publication

Apart from setting viewing and editing rights to the Excel worksheets at the time of transmitting the publication, rights can also be set within a worksheet depending on the conditions that are resolved with an IF statement.

The IF statement can be simple or complex, but must resolve to choice of two options: do this or do that. The CCE_Label command is an instruction to **flwpx** to resolve the statement in the cell to which the label refers and follow the command that results.

As a straightforward example: Labe a cell "Financial_Plan_Cond" and insert an IF statement such as :

=IF(CLE_12,"CI_Financial_Plan","CO_Financial_Plan")



Provide rights to a user by inserting TRUE in a cell and labelling the cell "CLE_12". This tells **flwpx** that the user who has been assigned full editing rights to sheet 12 may edit regions in other sheets IF that region has been given the label "CCE_Financial_Plan_Cond"

CLE_12			• : ×	√ <i>f</i> _x	TRUE															
123	BB	BC	BD		BE	BF	BG	В	н	BI	- p = 1	BJ	BK		BL	BM	B	i	BO	
83	TRUE	CLE_01	editing rights o	on workshe	et 1 if assi	gne <mark>d d</mark> uring	licencing													
84	TRUE	CLE_02																		
85	TRUE	CLE_03																		
86	TRUE	CLE_04																		
87	TRUE	CLE_05																		
88	TRUE	CLE_06																		
89	TRUE	CLE_07																		
90	CLE fun	ctionality r	elates to editin	g rights a	ssigned a	t licence tir	me	Use in	n visio to	hide a s	shape C	C_CLE_	0# user	will only	y see sl	hape for v	which t	ney hav	e right	ts
91	If licene	cee has edi	t rights on "Mar	nagement	" then has	s edits right	ts, otherwi	se not												
92	CC_07_1	Financial_Pla	n_Cond																	
93 94		CLE_12	=IF(CLE_12,"(Quarters	CI_Financia	l_Plan","CC	D_Financial_I	Plan")	Repeat	formula	with the o	different	named r	anges							



Label regions in other sheets for which CLE_12 does not have editing rights that you would like the user to be able to edit with "CCE_00_Financial_Plan_Cond", if the user does not have editing rights for sheet 12 the area is view only.

CCE_07_F	inancial_Pla	an_Cond		• I X	√ f _x	0	
	2	AA	AB	AC	AD AD	AE	AF
96 97	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19 12.4
98	-	-		11.0	11.0	11.0	12.4
99							
100	2						
101	14	14	14	14	14	14 I	4
102	:#	.+	:#	:+	.+	:#	j.
105		5	5	57	5	5	3
106	2	2	2	11.0	11.0	11.0	12.4
10.9							
1.12					3	-	
110						(T) 1 4 1 1 1 1	

As a more complex example: Label a cell "Jan_20_Cond" and insert an IF statement such as:

=IF(OR(AND(Management!BN114=Management!AJ100,CLE_12),Jan_20),"CIR_Jan_20_Cond","CD_Jan_20_Cond")

Jan_20_Cond	*	i × √ β	=IF(OR(ANI)(Management	BN114=Manage	ement!AJ100,CL	E_12),Jan_20),'	'Cl_Jan_20_edit'	',"CO_Jan_20_edit")
1 2 3	BC BD	BE	BF	BG	BH	BI	BJ	ВК	BL
138	CO_Jul_19_edit	=IF(OR(AND(M	anagementIBM	114=Manage	mentIAJ100,0	CLE 12),Jul	19),"CI Jul 1	19 edit","CO	Jul 19 edit")
139	CO_Aug_19_ed			2	· · · · · · · · · · · · · · · · · · ·				
140	CO_Sep_19_edi	t							
141	CO_Oct_19_edi								
144	CO_Nov_19_ed								
145	CO_Dec_19_edi	t							
147	CI Jan 20 edit	=IF(OR(AND(M	anagement!BN	114=Manage	mentIAJ100.0	CLE 12).Jan	20),"CI Jan	20 Cond","CO	D_Jan_20_Cond")
148	CO_Feb_20_edi								
149	CO_Mar_20_edi								
151	CO_Apr_20_edi	ŧ							
152	CO_May_20_ed								
152	CO_Jun_20_edi								
154	CO_Jul_20_edit								
155	CO_Aug_20_ed								
156	CO_Sep_20_edi								
157	CO_Oct_20_edi								
159	CO_Nov_20_ed	it							
160	CO_Dec_20_edi	t							



Three conditions are presented in the statement:

i) cell BN114 (which is a drop down list) must equal AJ100; AND

iti	atus_tmo_rev	lew		· 1	×	No status		
a.	ĄJ	AK	AL	BN	BO	ВР	BQ	BR
8	Status_tmo_r	eview						
99	No status							
00	Financial rev	ew						
01	Accepted							
02	Declined							
03	Invalid							
09								
10					Monthly	Financial F	orocast Dag	hhoard
.11					Fioritary	T manciar T	orecuse bus	mbourd
.12				Validated			2	-
.13				validated	Val	idation failed -	Action requir	eu
.14				No status	Please rechec	k deliverables		
				Financial	Describe			
.15				review	Describe			
.16				Financial review	Describe			
				Financial	Describe			
17				review Financial				
.18				review	Describe			
119				Financial review	Describe			

ii) the user has full rights to worksheet 12 (insert TRUE in a cell and label cell as CLE_12), OR

CLE_12				• : ×	$\checkmark f_x$	TRUE											
1 2 3	4	BB	BC	BD		BE	BF	BG	BH	BI	BJ	BK	BL	BM	BN	BO	
8	3 Т	TRUE	CLE_01	editing rights	on worksh	eet 1 if assig	gne <mark>d during l</mark> i	cencing									
8	4 T	TRUE	CLE_02														
8	5 T	TRUE	CLE_03														
8	6 T	TRUE	CLE_04														
8	7 T	TRUE	CLE_05														
8	8 T	TRUE	CLE_06														
8	9 T	TRUE	CLE_07														
9	0 CL	E fund	tionality r	elates to editin	g rights a	assigned a	t licence tim	ie	Use in visio	to hide a s	hape CC_CLE_	_0# user w	ill only see s	hape for w	hich they	have rights	
9	1 If	licenc	ee has edit	t rights on "Mai	nagement	t" then has	edits rights	s, otherwise	e not								
9	2 CC	C_07_F	inancial_Plar	n_Cond													
9			cial_Plan CLE_12	=IF(CLE_12," Quarters	CI_Financia	al_Plan","CC)_Financial_P	lan")	Repeat form	ula with the d	lifferent named i	ranges					



iii) cell labelled Jan_20 resolves as TRUE:FALSE

Jan	_20			I 🗙	√ <i>f</i> × TRU	IE
478	AU	AV	AW	AX	AY	AZ
478 479	Finan	cial Forecast	Edit Permissio	ns:		-
180	Jan-19	FALSE	Jan-20	TRUE	Check Box 2	Check Box 3
181	Feb-19	FALSE	Feb-20	FALSE	Check Box 2	Check Box 3
182	Mar-19	FALSE	Mar-20	FALSE	Check Box 2	Check Box 3
183	Apr-19	FALSE	Apr-20	FALSE	Check Box 2	Check Box 3
184	May-19	FALSE	May-20	FALSE	Check Box 3	Check Box 3

If the AND condition is TRUE, OR if "Jan_20" is TRUE, a "CIR_Jan_20_Cond" as an editable region results, otherwise a "CD_ Jan_20_Cond" as a display only region results

CCE	_03_Jan_20_Con	ıd	•	×
4	AK	AL	AM	AN
.29				
30			-	000
31	-236.7	-236.7	-236.7	-236.
33				
35	Dec-19	Jan-20	Feb-20	Mar-20
36	17. 1	-	S	
37	(*	1	8	
38	6.8	6.8	6.8	6.
39	2.5	2.5	2.5	2.
40	() -	-	-	
41	52 	-	8	
44	8 .		-	
45	9,3	9.3	9.3	9.3



15.5 Using Conditional exclusion in Word

Conditionality in Word can be used in a number of ways. In this worked example, we are displaying one of three regions laid out in Excel depending on the drop list selection made. Create three conditional IF statements in Excel and label them.

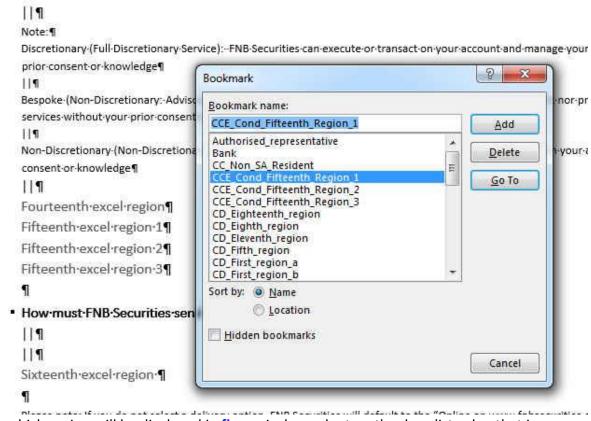
C	ond_Fifteenth_Region_1	. I	$\times \checkmark f_x$	=IF(A	F62="Discretionary", "CD_Fifteenth_Regio	n_1","")
-	AF	4	AH	A	AJ	
56						
58						
60		CD_Fif	teenth_Region_1	=1F(AF59="Discretionary", TRUE, FALSE)	Cond_I
62	Discretionary			=1F(AF59="Bespoke", TRUE, FALSE}	Cond_I
64				=1F(AF59="Non-Discretionary", TRUE, FALSE)	Cond_I
44						
C	Cond_Fifteenth_Region_2	· · · · · · · · · · · · · · · · · · ·	× 🗸 1	्रि	:IF(AF62="Bespoke", "CD_Fifteenth_Regi	on_2","")
1						

4	AH A	LA LA
		=IF(AF59="Discretionary", TRUE, FALSE)
CD_F	ifteenth_Region_2	=IF(AF59="Bespoke", TRUE, FALSE)
		=IF(AF59="Non-Discretionary", TRUE, FALSE)
	L CD_F	

Co	ond_Fifteenth_Region_3	• I ×	√ fx	=IF(AF62="Non-Discretionary", "CD_Fifteenth_R	egion_3", "")
2	AF	A .	AH .	LA AJ	
56					
58					
60				=IF(AF59="Discretionary", TRUE, FALSE)	Cond_Fift
62	Non-Discretionary			=IF(AF59="Bespoke", TRUE, FALSE)	Cond_Fift
64		CD Fifteen	th_Region_3	=IF(AF59="Non-Discretionary", TRUE, FALSE)	Cond_Fift



In Word label three bookmarks with the same labels as the name of the conditionals in Excel using the prefix CCE_



Thus which region will be displayed in **flwpx**, is dependent on the drop list value that is chosen.



15.6 Using conditionals to allow regions to appear only when predetermined input made

In your named region, label the cell that will trigger a TRUE/FALSE, in the example below a tick box will resolve as TRUE/FALSE and has been labelled as CIR_Entry20.

AY AZ	E	A	1	BB	B							
High Value Exchange			ŀ	HighMedium	CCand							
					1							
Source of Wealth Declarati	ion			alst see								
Presence Check				FALSE	[
Describe					c							
Material Check				FALSE	I I							
	Attack	nmen	t		C							
	1.00						E iso		1			_
Proof of Wealth Check	CI	K_Ent	try20			<u></u>	×	f_x	FAL	SE		
Presence Check												
AND A CONTRACT												
Describe												
Describe Material Check												
II	At	A AY	AZ	1	BA		BB	Bi	BD	BE	BF	E
II	20	A AY	AZ		BA		BB	B1	BD	BE	BF	E
II	20 29 31		AZ of of Wealth	Check	BA		BB	В	BD	BE	BF	E
Material Check	200 299				BA		BB FALSE		BD] Transaction		BF	E
Material Check Block Chain Analysis	20 29 31 33		of of Wealth		BA			E		n Clear 1	BF	E
Material Check	29 29 31 33 33 35		of of Wealth Presence Ch	eck	BA] Transaction	n Clear 1 •11	BF	E
Material Check Block Chain Analysis Any Suspicious activity	29 29 31 33 35 35 37 39		of of Wealth Presence Ch Describe	eck eck	BA		FALSE] Transaction _Describe	n Clear 1 +11 n Clear 1	BF	E
Material Check Block Chain Analysis	29 29 31 33 35 35 37 39		of of Wealth Presence Ch Describe	eck eck			FALSE] Transactior Describe] Transactior _Attachm	n Clear 1 +11 n Clear 1		
Material Check Block Chain Analysis Any Suspicious activity	29 29 31 33 35 35 37 39 39 10 Ar 41	Pro	of of Wealth Presence Ch Describe	eck eck At			FALSE] Transactior Describe] Transactior _Attachm	n Clear 1 011 n Clear 1 ent11		
Material Check Block Chain Analysis Any Suspicious activity	29 31 33 35 35 37 39 1in Ar 41 43 43 45	Pro	of of Wealth Presence Ch Describe Material Che	eck eck At			FALSE] Transactior _Describe] Transactior _Attachm ockChain TRUE	n Clear 1 111 n Clear 1 ent11 CVR_CIR_E	intry20	
Material Check Block Chain Analysis Any Suspicious activity	29 31 33 35 35 37 39 1in Ar 41 43 43 45	Pro	of of Wealth Presence Ch Describe Material Che	eck Al			FALSE	CI CI CF Blu Su] Transactior _Describe] Transactior _Attachm ockChain TRUE	n Clear 1 211 n Clear 1 ent11 CVR_CIR_E FALSE	intry20	
Material Check Block Chain Analysis Any Suspicious activity	29 29 31 33 35 37 39 39 41 43 45 47	Pro	of of Wealth Presence Ch Describe Material Che	eck Al			FALSE FALSE Yes	CI CI CF Blu Su] Transaction _Describe] Transaction _Attachm ockChain TRUE spicious	n Clear 1 11 clear 1 ent11 CVR_CIR_E FALSE Suspicious FALSE	intry20	
Material Check Block Chain Analysis Any Suspicious activity	29 31 33 35 35 37 39 1 in Ar 41 43 43 45	Pro Blow	of of Wealth Presence Ch Describe Material Che ck Chain Anal Suspicious a	eck Al	tachment		FALSE FALSE Yes	CI CI CF Blu Su CV] Transaction Describe] Transaction _Attachm DockChain TRUE spicious FALSE R_BlockC	n Clear 1 11 clear 1 ent11 CVR_CIR_E FALSE Suspicious FALSE	intry20 sActivit	y 1



Apply conditional row exclusion that must appear when the tick box is TRUE, in the example below I have labelled a region CVR_CIR_Entry20.

CV	R_CI	R_Entry20		× *	<u>.</u>	fx				
	AAY	AZ	BA	8B	B	BD	BE	BF	B	BH
	SI KAA	2.000	and the	1975	-				-	
29 31	Pro	of of Wealth Check								
33		Presence Check		FALSE		Transactio	n Clear 1			
35		Describe			Ň	CJ_Describe	11			
37		Material Check		FALSE		Transactio	n Clear 1			
39			Attachment		Ĩ.	CF_Attachm	ent11			
11				1	13	BlockChain	CVR_CIR_E	ntry20		
13	Blo	k Chain Analysis				FALSE	FALSE			
15						Suspicious	Suspicious	Activit	y10	a
17	Any	Suspicious activity				FALSE	FALSE			
19						CVR_Block(hain3			
51	Rep	ort failure of Block Chair	n Analysis			=1F(BB47=G	=IF(BB47=G	8,TRU	E,FA	LSE
53						CVR_Block	hain3a		10.00	



In the region, CVR_CIR_Entry20, a dropdown list for -/Yes/No is selectable. Outside of the display region, create a TRUE/FALSE cell that resolves TRUE when Yes for "Block Chain Analysis" is selected.

PM	Т			: × ✓	f.	e =IF(BB43=BA8,T	RUE,FALS
4	A AY	AZ	BA	BB	B	BD IF	(logical_test,	[value_if_tri
7			-	-		-		
8			Yes					
10			No					
11								
12				CI_Entry17	C	R_Clear1	2	
13			HighMediumC	CI_Entry18				
14	Me	dium Risk Cli	ent	Cl_Entry19				
15	Hig	h Risk Client		CIR_Entry20				
16			-	HighMediumC	Cond			
17	Hig	h Value Exchan	ge					
19	Sou	rce of Wealth De	claration					
21		Presence Check		FALSE	C] Transactio	n Clear 1	
23		Describe			C	_Describe	10	
25		Material Check		FALSE	Ī	Transactio	n Clear 1	
27			Attachment			F Attachm		
29					-	2009300		
20	2000							
31	Pro	of of Wealth Che	ck					
33		Presence Check	1	FALSE	1	Transactio	n Clear 1	
35		Describe			C	_Describe	11	
37		Material Check		FALSE	E	Transactio	n Clear 1	
39			Attachment		C	F_Attachm	ent11	
41					В	lockChain	CVR_CIR_Ent	ry20
43	Blo	k Chain Analysis		-	-	F(BB43=B		
15							SuspiciousA	ctivity 10a
45	10.22	Constalante a Mul			3			COMINTON.
47	АП)	Suspicious activi	LY		-	FALSE	FALSE	
49					C	VR_BlockC	hain3	
51	Rep	ort failure of Blo	ck Chain Analysis		=	F(BB47=G	=IF(BB47=G8	TRUE, FALSI
53					C	VR BlockC	hain3a	



Again, outside of the display region, create a second TRUE/FALSE cell that resolves TRUE when No for "Block Chain Analysis" is selected.

PM	т			× v		fx =IF((BB43=BA9, TRUE,	FALSE
	AY	AZ	BA	BB	B	BD IF	(logical_test, [value	_if_tru
7	-		23 #23:55					
8	-		Yes	1				
10		-						
11								
12			Committee commence	CI_Entry17		CIR_Clear1	2	
13			HighMediumC	CI_Entry18				
14	Me	dium Risk Cli	ent	CI_Entry19			· · · · · · · · · · · · · · · · · · ·	
15	Hig	h Risk Client		CIR_Entry20				_
16		Lui Lie L		HighMediumC	Con	d	·	
17		h Value Exchan						
19	Sou	rce of Wealth De	claration					
21		Presence Check		FALSE		Transactio	n Clear 1	
23		Describe				CJ_Describ	e10	
25		Material Check		FALSE		Transactio	n Clear 1	
27	-		Attachment			CF Attachn	0	
20	-							
29	200	f fair bit of						
31	Pro	of of Wealth Che		100000000000000000000000000000000000000				
33		Presence Check	14	FALSE		Transactio	n Clear 1	
35		Describe				CJ_Describ	e11	
37		Material Check		FALSE		Transactio	n Clear 1	
39	1		Attachment			CF_Attachn	nent11	
41							CVR_CIR_Entry20	
41	Blo	k Chain Analysis		1		FALSE	=IF(BB43=B/	
	DIO	A chain Analysis		-				10
45	-						SuspiciousActivity	10a
47	Any	Suspicious activi	ty	2		FALSE	FALSE	
49						CVR_Block(Chain3	
51	Rep	ort failure of Blo	ck Chain Analysis	28		=1F(BB47=G	=IF(BB47=G8,TRUE	FALSE)
53				-		CVR Block	Chain3a	



Label your two TRUE/FALSE cells. In the example, one is "BlockChain3" and the other "BlockChain3a"

	in3	*		∫x =IF(BB43	=BA8,TF	RUE,F/	ALSE)						
AY	AZ	BA	BB	B(BD	BE	BF B	BH						
		-											
		Yes No											
		HighMediumC	CI_Entry17	CIR_Clear12									
Madi	ium Risk Clie	Pro-	CI_Entry18 CI_Entry19										
	Risk Client		CIR_Entry20										
ingn	Nak olient		HighMediumCC	Cond									
High \	Value Exchang	e											
Source	e of Wealth Dec	daration											
Pr	resence Check		FALSE	Transaction Clear	1								
De	escribe			CJ_Describe10									
м	laterial Check	15	FALSE	Transaction Clear	1								
		Attachment		CF_Attachment10									
										_			
Proof	of Wealth Chec	k		BI	ockChair	n3a		-	• i × v	<u></u>	<i>f</i> _x =1F(1	BB47=BA9	,TRUE,
	resence Check		FALSE	Transaction C									
	escribe		17,160,0	CJ_Describe1									
	laterial Check		FALSE										
IVI	Idlefidi Check	Attachment	TALSE	CF_Attachmer									
		Autochinent		1	A AY	AZ		BA	BB	B	BD	BE	BF
Black	Chain Anabaia	Attachment		BlockChain C 7	A AY	AZ			BB	B	BD	BE	BF
Block (Chain Analysis	Audenment		BlockChain C' 7 FALSE 8 9	A AY	AZ	!		BB	B	BD	BE	BF
				BlockChain C 7 FALSE 8 Suspicious, St10	A, AY	AZ	5	- Yes	BB	B	BD	BE	BF
	Chain Analysis uspicious activit			BlockChain C 7 FALSE 9 Suspicious St10 FALSE 11 12	A AY	AZ	5	- Yes	BB Cl_Entry17		BD CIR_Clear12		BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 8 Suspicious/St10 FALSE 11 12 CVR_BlockChi 13				- Yes No HighMediumC	Cl_Entry17 Cl_Entry18				BF
Any Su	uspicious activit			BlockChain C 7 FALSE 8 Suspicious/St10 FALSE 11 12 CVR_BlockChr13 =IF(BB47=G = 14	Medi	um Ri	sk Clie	- Yes No HighMediumC	Cl_Entry17 Cl_Entry18 Cl_Entry19				BF
Any Su	uspicious activit	y		BiockChain C 7 FALSE 8 Suspicious S10 FALSE 11 2 CVR_BiockChi13 =IF(8B47=G =14 CVR_BiockChi ¹⁵	Medi		sk Clie	- Yes No HighMediumC	Cl_Entry17 Cl_Entry18 Cl_Entry19 ClR_Entry20		CIR_Clear12		BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 8 Suspicious 5100 FALSE 11 12 CVR_BlockChi13 =IF(B847=G =I4 CVR_BlockChi15 16	Medi High	um Ri	sk Clie	Yes No HighMediumC	Cl_Entry17 Cl_Entry18 Cl_Entry19		CIR_Clear12		BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si 10 FALSE 11 12 CVR_BlockCh 13 =IF(BB47=G = 14 CVR_BlockCh 16 17 19 19	Medin High I High V	um Ri Risk C /alue E	sk Clie lient xchang	Yes No HighMediumC	Cl_Entry17 Cl_Entry18 Cl_Entry19 ClR_Entry20		CIR_Clear12		BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious 5100 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh16 17 19 19 21 21 21 21 21 21 21 21 21 21	Medin High I High V Source Pro	um Ri Risk C /alue E: of Wea esence	sk Clie lient xchang alth De	Yes No HighMediumC ant	Cl_Entry17 Cl_Entry18 Cl_Entry19 ClR_Entry20	CCon	CIR_Clear12 d	2 n Clear 1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious 5100 FALSE 11 12 CVR_BlockCh13 =iF(BB47=G = 14 CVR_BlockCh15 17 19 19 21 23 23	Medin High I High V Source Pro	um Ri Risk C /alue E: of Wes esence escribe	sk Clie lient xchang alth De Check	Yes No HighMediumC ant	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry19 HighMedium FALSE	CCon	CIR_Clear12 d Transaction CI_Describe	2 n Clear 1 10	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious 5100 FALSE 11 12 CVR_BlockCh13 =iF(B847=G = 14 CVR_BlockCh15 17 19 19 12 22 23 25 25	Medin High I High V Source Pro	um Ri Risk C /alue E: of Wea esence	sk Clie lient xchang alth De Check	Yes No HighMediumC ent ge claration	Cl_Entry17 Cl_Entry18 Cl_Entry19 ClR_Entry19 HighMedium	CCon	d CIR_Clear12 d Transaction CI_Describe	2 • Clear 1 • Clear 1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious 5100 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 21 23 25 27	Medin High I High V Source Pro	um Ri Risk C /alue E: of Wes esence escribe	sk Clie lient xchang alth De Check	Yes No HighMediumC ant	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry19 HighMedium FALSE	CCon	CIR_Clear12 d Transaction CI_Describe	2 • Clear 1 • Clear 1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious 5100 FALSE 11 12 CVR_BlockCh13 =iF(B847=G = 14 CVR_BlockCh15 17 19 19 21 22 25 27 29	Medi High V Source Pro De Ma	um Ri Risk C /alue E: of We esence esence escribe aterial (sk Clie lient xchangel alth De Check	Yes No HighMediumC ant Se claration	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry19 HighMedium FALSE	CCon	d CIR_Clear12 d Transaction CI_Describe	2 • Clear 1 • Clear 1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 21 23 25 27 29 29 31	Medi High I High V Source Pro Ma	um Ri Risk C /alue E: of Wea esence esence esercibe aterial (sk Clie lient alth De Check Check	Yes No HighMediumC ant Se claration	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE	CCon	d Transaction CJ_Describe Transaction CF_Attachm	2 10 10 Clear 1 clear 1 ent10	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 10 12 23 25 25 27 29 31 33 33	Medin High I High V Source Pro De Ma Proof c	um Ri Risk C /alue E: e of We esence escribe aterial (aterial (bo f Weal esence	sk Clie lient xchang dith De Check Check	Yes No HighMediumC ant Se claration	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry19 HighMedium FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachmn CF_Attachmn	2 Clear 1 10 n Clear 1 ent10 n Clear 1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 10 12 23 25 25 27 29 31 33 33	Medin High I High V Source Pro De Ma Proof c	um Ri Risk C /alue E: es of Wea esence esence esence esence	sk Clie lient xchanę alth De Check Check	Yes No HighMediumC ant Se claration	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachm CF_Attachm CI_Describe	clearl 10 .Clearl entl0 .Clearl 11	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 19 21 23 25 25 25 27 27 29 29 29 29 21 31 33 35 35 37	Medin High I High V Source Pro De Ma Proof c Pro	um Ri Risk C /alue E: e of We esence escribe aterial (aterial (bo f Weal esence	sk Clie lient xchanę alth De Check Check	Yes No HighMediumC ent Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachmn CF_Attachmn CI_Describe Transaction CI_Describe	clear1 10 nClear1 ent10 nClear1 11 nClear1	BF
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 19 21 23 25 25 25 25 27 27 29 29 29 29 21 31 33 35 35 37	Medin High I High V Source Pro De Ma Proof c Pro	um Ri Risk C /alue E: es of Wea esence esence esence esence	sk Clie lient xchanę alth De Check Check	Yes No HighMediumC ant Se claration	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachmn CJ_Describe Transaction CJ_Describe Transaction CJ_Describe	clear 1 10 n Clear 1 ent10 n Clear 1 11 n Clear 1 ent11	
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 19 21 23 25 25 25 25 27 27 29 29 29 29 21 31 33 35 35 37	Medin High I High V Source Pro De Ma Proof c Pro	um Ri Risk C /alue E: of Weal esence escribe aterial (sk Clie lient xchang alth De Check Check	Yes No HighMediumC ent Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachmn CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe	clear1 10 clear1 ent10 clear1 11 clear1 ent11 cVR_CIR_E	
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 19 19 21 23 25 25 25 25 27 27 29 29 29 29 21 31 33 35 35 37	Medin High I High V Source Pro De Ma Proof c Pro	um Ri Risk C /alue E: of Weal esence escribe aterial (sk Clie lient xchang alth De Check Check	Yes No HighMediumC ent Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE	CCon	d Transaction CI_Describe Transaction CF_Attachm CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_DESCRIB BlockChain FALSE	clear1 10 clear1 ent10 clear1 11 clear1 ent11 cVR_CIR_E FALSE	ntry20
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si 10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 21 23 25 27 29 31 33 35 37 39 31 33 35 37 39 31 33 35 37 39 31 33 35 37 37 37 37 37 37 37 37 37 37	Medii High V Source Pro De Ma Proof c Pro De Ma Block C	um Ri Risk C /alue E: of Wea esence esence esence esence esence esence esence esence	sk Clie lient xchangelith De Check Check Check Check	Yes No HighMediumC ant Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE FALSE	CCon	d Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_DESCRIB Suspicious:	2 10 10 10 10 10 11 11 11 11 11	ntry20
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si 10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 21 23 25 27 29 31 33 35 37 39 31 33 35 37 39 31 33 35 37 39 31 33 35 37 37 37 37 37 37 37 37 37 37	Medin High I High V Source Pro De Ma Proof c Pro	um Ri Risk C /alue E: of Wea esence esence esence esence esence esence esence esence	sk Clie lient xchangelith De Check Check Check Check	Yes No HighMediumC ant Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE FALSE	CCon	d Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Suspicious; FALSE	clear1 10 clear1 ent10 clear1 i11 clear1 ent11 cVR_CIR_E FALSE Suspicious FALSE	ntry20
Any Su	uspicious activit	y		BlockChain C 7 FALSE 8 Suspicious 510 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh 15 17 19 22 25 25 27 27 27 27 27 27 27 27 27 27	Medii High V Source Pro De Ma Proof c Pro De Ma Slock C Any Su	um Ri Risk C /alue E: of Weal esence esercibe aterial (control of Weal esence esercibe aterial (control of Weal esence esercibe aterial (control of Weal esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe	sk Clie lient xchange Check Check Check Check analysis s activit	Yes No HighMediumC ent Se claration Attachment ck Attachment	CL_Entry17 CL_Entry18 CL_Entry19 CIR_Entry20 HighMedium FALSE FALSE FALSE	CCon	d CIR_Clear12 d Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe SlockChain FALSE Susplicious, FALSE CVR_BlockCl	clear1 10 clear1 ent10 clear1 i11 clear1 ent11 cVR_CIR_E FALSE Suspicious FALSE hain3	ntry20
Any Su	uspicious activit	y		BlockChain C 7 FALSE 9 Suspicious Si 10 FALSE 11 12 CVR_BlockCh13 =IF(BB47=G = 14 CVR_BlockCh15 17 19 21 23 25 27 29 31 33 35 37 39 31 33 35 37 39 31 33 35 37 39 31 33 35 37 37 37 37 37 37 37 37 37 37	Medii High V Source Pro De Ma Proof c Pro De Ma De Ma Any Su Report	um Ri Risk C /alue E: of Weal esence esercibe aterial (control of Weal esence esercibe aterial (control of Weal esence esercibe aterial (control of Weal esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe esence esercibe	sk Clie lient xchange Check Check Check Check analysis s activit	Yes No HighMediumC ant Se claration Attachment ck	CI_Entry17 CI_Entry18 CI_Entry19 CIR_Entry20 HighMedium FALSE FALSE FALSE	CCon	d Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Transaction CI_Describe Suspicious; FALSE	2 10 10 10 10 10 11 11 11 11 11	ntry20



Apply your row validation to the areas that are to appear when the condition cell results in TRUE. In the example, CVR_BlockChain3 and CVR_BlockChain3a have been applied, resulting in "Any Suspicious activity" appearing when "Yes" is selected for "Block Chain Analysis" and "Report failure of "Block Chain Analysis" when "No" is selected.

AY	AZ	BA	BB	B	BD	BE	BFE	BH BH					
		2											
		Yes											
		No		_									
			CI_Entry17	CI	R_Clear1	2							
		HighMediumC	CI_Entry18										
Med	lium Risk Clie	int	CI_Entry19										
High	Risk Client		CIR_Entry20										
			HighMedium	Cond									
High	Value Exchang	e											
Sourc	ce of Wealth De	claration											
P	Presence Check		FALSE		7								
D	Describe			C	CVR_BI	ockChain3a			* i × 🗸	f _x			
N	Naterial Check		FALSE	Ē									
		Attachment	1.565947.0										
		Accounterie											
		•//		_									
1	f of Wealth Chee	3K			A AM	AZ		BA	BB	B(BD	BE	BF	
P	Presence Check		FALSE	E	A AY	AL	23	DA	DD	D' DU	DE	DF	51
D	Describe	1		C	8		Yes						1
N	Naterial Check		FALSE	C	9		No						-
		Attachment		C	11								t
				в	12				CI_Entry17	CIR_Clear1	2		
Block	Chain Analysis		-		13			hMediumC	CI_Entry18				
				12	(Carl)	dium Risk C			CI_Entry19				_
						h Risk Clien	t		CIR_Entry20				-
Any 5	Suspicious activit	Y			16 17 Hig	h Value Excha	nge		HighMediumO	Cond			+
						rce of Wealth		tion					Ŧ
Repor	rt failure of Bloo	ck Chain Analysis	-	=1		Presence Che			FALSE	Transactio	AL.S		+
				C	21				TALSE	CJ_Describ			+
				1000	23	Describe	15		101010201				+
					25 27	Material Chec	ĸ	2.2	FALSE	Transactio			+
					20		_	Attachment		CF_Attachn	nent10		+
					29								+
				0.000		of of Wealth C	heck						-
					32	A REVAN OF A REAL PROPERTY OF			FALSE	Transactio			-
					31 Pro 33	Presence Che	c k				e11		
					33 35	Describe				CJ_Describ			
					33 35	A REAL PROPERTY AND A REAL			FALSE	Transactio	on Clear 1		
					33 35	Describe		Attachment	FALSE	CF_Attachn	n Clear 1 nent11		
					33 35	Describe		Attachment	FALSE	CF_Attachn	on Clear 1	ntry20	
					33 35	Describe	k	Attachment	FALSE	CF_Attachn	n Clear 1 nent11	ntry20	
					33 35	Describe Material Chec	k	Attachment		CF_Attachn BlockChair FALSE	n Clear 1 nent11 I CVR_CIR_E		10
					33 35	Describe Material Chec	k is	Attachment		CF_Attachn BlockChair FALSE	n Clear 1 nent11 CVR_CIR_E FALSE		10
					33 35	Describe Material Chec	k is	Attachment		CF_Attachn BlockChair FALSE Suspicious	n Clear 1 nent11 CVR_CIR_E FALSE Suspicious FALSE		10
<u></u>					33 35 37 39 41 43 880 45 47 47 49	Describe Material Chec	k is ivity			CF_Attachn BlockChair FALSE Suspicious FALSE CVR_Block	n Clear 1 nent11 CVR_CIR_E FALSE Suspicious FALSE	Activity	



15.7 Reset button

Continuing with the above example, insert a 0 in a cell within a named region and label the cell CR_ followed by three characters, in this example we have used CR_BWF. The "0" indicates that all TRUEs will be reset to FALSE and any drop list will be reset to the first item which in our example is a "-".

CR_	BWF		× ×			
	B <u>C</u> C	ε	F C	3		
1	CR_BWF	CR_ : reset button	CIR_Transaction_val	(i)		
2 3 4	XX BWF	XX_: reset range	CIR_Natural_Legal	-		
	Transaction	ı Value	Fr.0			
6 - 8 - 8 -	Check if wa		1999/203 12			
10	Natura		it			
12	Details					
13 15	Legal	Date of check and commer	lit .			
17	Details		8			
18	Source of w	02227	e e e e e e e e e e e e e e e e e e e			
21						
23	S1000 CM	r atio Source of wealth specified	CR_02_BWF		 3	\sim
25	Describ					
27	Proof					
29	Describ	e				
31 32	Intermediat	e clearance of transaction				

The reset button can be placed in multiple places in the publication by inserting numbering between the CR_ and the three characters to create uniqueness. Alternatively, a new reset button can be created by using a different set of three characters.

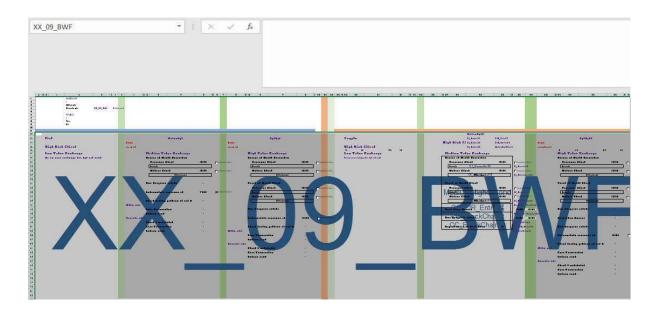
24	ABC	D	ε	F
41	THE REAL PROPERTY AND ADDRESS OF			1.2554360000
42	Determi	ne if transa	ction is Fiat or Crypto	none
43	00 04 04	200		
44	XX_01_BV CR 02 B		at	
45		WESS OF	dt	
47	and the second se	ne client ris	k category	
49	Sel	ect risk level o	fcountry	Low
51	ls t	he investor a c	ompany	Domiciliary
53	Pre	esence of Poli	tically Exposed Person	noné
55	Ou	tcome of clien	t risk category	High
57	Lis	ted on watchlis	st	no
53	lfo	n watch list, ind	prease in risk level	High



Property of **regpx**

Private and confidential

Label the areas that are to be reset with XX_ followed by the same three characters used for your reset button. Do not include areas that need to retain their data. XX_ can be used in multiple places in the publication by inserting numbering between the XX_ and the three characters used to create uniqueness.





Appendix A: Currently Implement Excel functions

This table holds all the current Excel functions that flwpx supports.

Function Name	Type and description
ABS Function	Math and trigonometry: Returns the absolute value of a number
ACOS Function	Math and trigonometry: Returns the arccosine of a number
AND function	Logical: Returns TRUE if all of its arguments are TRUE
ASIN function	Math and trigonometry: Returns the arcsine of a number
ATAN function	Math and trigonometry: Returns the arctangent of a number
AVERAGE function	Statistical: Returns the average of its arguments
AVERAGEIF function	Statistical: Returns the average (arithmetic mean) of all the cells in a range that meet a given criteria
CEILING function	Math and trigonometry: Rounds a number to the nearest integer or to the nearest multiple of significance
CHAR function	Text: Returns the character specified by the code number
CHOOSE function	Lookup and reference: Chooses a value from a list of values
COLUMN function	Lookup and reference: Returns the column number of a reference
COLUMNS function	Lookup and reference: Returns the number of columns in a reference

regp

Private and confidential

Property of regpx

Function Name	Type and description
CONCAT function	Text: Combines the text from multiple ranges and/or strings, but it doesn't provide the delimiter or IgnoreEmpty arguments.
	This function isn't available in Excel 2016 for Mac.
CONCATENATE function	Text: Joins several text items into one text item
CONCATENATE function	Text: Joins several text items into one text item
COUNT function	Statistical: Counts how many numbers are in the list of arguments
COUNTIF function	Statistical: Counts the number of cells within a range that meet the given criteria
DATE function	Date and time: Returns the serial number of a particular date
DAY function	Date and time: Converts a serial number to a day of the month
DAYS function 2013	Date and time: Returns the number of days between two dates
DAYS360 function	Date and time: Calculates the number of days between two dates based on a 360-day year
EDATE function	Date and time: Returns the serial number of the date that is the indicated number of months before or after the start date
EOMONTH function	Date and time: Returns the serial number of the last day of the month before or after a specified number of months
EVEN function	Math and trigonometry: Rounds a number up to the nearest even integer
EXP function	Math and trigonometry: Returns <i>e</i> raised to the power of a given number
FALSE function	Logical: Returns the logical value FALSE



Property of regpx

Function Name	Type and description
FIND, FINDB functions	Text: Finds one text value within another (case-sensitive)
	Compatibility: Rounds a number down, toward zero
FLOOR function	In Excel 2007 and Excel 2010, this is a Math and trigonometry function.
FORMULATEXT function 2013	Lookup and reference: Returns the formula at the given reference as text
IF function	Logical: Specifies a logical test to perform
IFERROR function	Logical: Returns a value you specify if a formula evaluates to an error; otherwise, returns the result of the formula
INDIRECT function	Lookup and reference: Returns a reference indicated by a text value
INT function	Math and trigonometry: Rounds a number down to the nearest integer
ISEVEN function	Information: Returns TRUE if the number is even
ISODD function	Information: Returns TRUE if the number is odd
LEFT, LEFTB functions	Text: Returns the leftmost characters from a text value
LEN, LENB functions	Text: Returns the number of characters in a text string
LN function	Math and trigonometry: Returns the natural logarithm of a number
LOG10 function	Math and trigonometry: Returns the base- 10 logarithm of a number
LOOKUP function	Lookup and reference: Looks up values in a vector or array
MAX function	Statistical: Returns the maximum value in a list of arguments



	rioperty of regp
Function Name	Type and description
MIN function	Statistical: Returns the minimum value in a list of arguments
MOD function	Math and trigonometry: Returns the remainder from division
MONTH function	Date and time: Converts a serial number to a month
NETWORKDAYS function	Date and time: Returns the number of whole workdays between two dates
NOT function	Logical: Reverses the logic of its argument
OR function	Logical: Returns TRUE if any argument is TRUE
PI function	Math and trigonometry: Returns the value of pi
POWER function	Math and trigonometry: Returns the result of a number raised to a power
RADIANS function	Math and trigonometry: Converts degrees to radians
RAND function	Math and trigonometry: Returns a random number between 0 and 1
RIGHT, RIGHTB functions	Text: Returns the rightmost characters from a text value
ROUND function	Math and trigonometry: Rounds a number to a specified number of digits
ROUNDDOWN function	Math and trigonometry: Rounds a number down, toward zero
ROUNDUP function	Math and trigonometry: Rounds a number up, away from zero
ROW function	Lookup and reference: Returns the row number of a reference
ROWS function	Lookup and reference: Returns the number of rows in a reference



Function Name	Type and description
SEARCH, SEARCHB functions	Text: Finds one text value within another (not case-sensitive)
SIGN function	Math and trigonometry: Returns the sign of a number
SIN function	Math and trigonometry: Returns the sine of the given angle
SQRT function	Math and trigonometry: Returns a positive square root
SUM function	Math and trigonometry: Adds its arguments
SUMIF function	Math and trigonometry: Adds the cells specified by a given criteria
TAN function	Math and trigonometry: Returns the tangent of a number
TODAY function	Date and time: Returns the serial number of today's date
TRUE function	Logical: Returns the logical value TRUE
TRUNC function	Math and trigonometry: Truncates a number to an integer
UPPER function	Text: Converts text to uppercase
VALUE function	Text: Converts a text argument to a number
VLOOKUP function	Lookup and reference: Looks in the first column of an array and moves across the row to return the value of a cell
WEEKDAY function	Date and time: Converts a serial number to a day of the week
WORKDAY function	Date and time: Returns the serial number of the date before or after a specified number of workdays



Function Name

XOR function

YEAR function

Type and description

Logical: Returns a logical exclusive OR of all arguments

Date and time: Converts a serial number to a year



Appendix B: All unimplemented Excel functions

This table contains all Excel functionality that does not currently work in the flwpx environment, but can be implemented if the need arises and is great enough.

Function Name	Type and description
ACCRINT function	Financial: Returns the accrued interest for a security that pays periodic interest
ACCRINTM function	Financial: Returns the accrued interest for a security that pays interest at maturity
ACOSH function	Math and trigonometry: Returns the inverse hyperbolic cosine of a number
ACOT function	Math and trigonometry: Returns the arccotangent of a number
ACOTH function	Math and trigonometry: Returns the hyperbolic arccotangent of a number
AGGREGATE function	Math and trigonometry: Returns an aggregate in a list or database
ADDRESS function	Lookup and reference: Returns a reference as text to a single cell in a worksheet
AMORDEGRC function	Financial: Returns the depreciation for each accounting period by using a depreciation coefficient
AMORLINC function	Financial: Returns the depreciation for each accounting period
ARABIC function	Math and trigonometry: Converts a Roman number to Arabic, as a number
AREAS function	Lookup and reference: Returns the number of areas in a reference
ASC function	Text: Changes full-width (double-byte) English letters or katakana within a character string to half-width (single-byte) characters
ASINH function	Math and trigonometry: Returns the inverse hyperbolic sine of a number



Property of regpx

Function Name	Type and description
ATAN2 function	Math and trigonometry: Returns the arctangent from x- and y-coordinates
ATANH function	Math and trigonometry: Returns the inverse hyperbolic tangent of a number
AVEDEV function	Statistical: Returns the average of the absolute deviations of data points from their mean
AVERAGEA function	Statistical: Returns the average of its arguments, including numbers, text, and logical values
AVERAGEIFS function	Statistical: Returns the average (arithmetic mean) of all cells that meet multiple criteria.
BAHTTEXT function	Text: Converts a number to text, using the ß (baht) currency format
BASE function	Math and trigonometry: Converts a number into a text representation with the given radix (base)
BESSELI function	Engineering: Returns the modified Bessel function In(x)
BESSELJ function	Engineering: Returns the Bessel function Jn(x)
BESSELK function	Engineering: Returns the modified Bessel function Kn(x)
BESSELY function	Engineering: Returns the Bessel function Yn(x)
BETADIST function	Compatibility: Returns the beta cumulative distribution function
	In Excel 2007, this is a Statistical function.
BETA.DIST function	Statistical: Returns the beta cumulative distribution function

1	4	4	~	
¢.	p	ég	ř	1
¢.	p	ég	ř	-

Property of regpx

Function Name	Type and description
BETAINV function	Compatibility: Returns the inverse of the cumulative distribution function for a specified beta distribution
	In Excel 2007, this is a Statistical function.
BETA.INV function	Statistical: Returns the inverse of the cumulative distribution function for a specified beta distribution
BIN2DEC function	Engineering: Converts a binary number to decimal
BIN2HEX function	Engineering: Converts a binary number to hexadecimal
BIN2OCT function	Engineering: Converts a binary number to octal
BINOMDIST function	Compatibility: Returns the individual term binomial distribution probability
	In Excel 2007, this is a Statistical function.
BINOM.DIST function	Statistical: Returns the individual term binomial distribution probability
BINOM.DIST.RANGE function	Statistical: Returns the probability of a trial result using a binomial distribution
BINOM.INV function	Statistical: Returns the smallest value for which the cumulative binomial distribution is less than or equal to a criterion value
BITAND function	Engineering: Returns a 'Bitwise And' of two numbers
BITLSHIFT function	Engineering: Returns a value number shifted left by shift_amount bits
BITOR function	Engineering: Returns a bitwise OR of 2 numbers
BITRSHIFT function	Engineering: Returns a value number shifted right by shift_amount bits

-	1	1	0	1	
r	é	ġ	Ó.		
	-	8			

Function Name	Type and description
BITXOR function	Engineering: Returns a bitwise 'Exclusive Or' of two numbers
CALL function	Add-in and Automation: Calls a procedure in a dynamic link library or code resource
CEILING.MATH function	Math and trigonometry: Rounds a number up, to the nearest integer or to the nearest multiple of significance
CEILING.PRECISE function	Math and trigonometry: Rounds a number the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded up.
CELL function	Information: Returns information about the formatting, location, or contents of a cell
	This function is not available in Excel Online.
	Compatibility: Returns the one-tailed probability of the chi-squared distribution
CHIDIST function	Note: In Excel 2007, this is a Statistical function.
CHIINV function	Compatibility: Returns the inverse of the one-tailed probability of the chi-squared distribution
	Note: In Excel 2007, this is a Statistical function.
	Compatibility: Returns the test for independence
CHITEST function	Note: In Excel 2007, this is a Statistical function.
CHISQ.DIST function	Statistical: Returns the cumulative beta probability density function
CHISQ.DIST.RT function	Statistical: Returns the one-tailed probability of the chi-squared distribution



Function Name	Type and description
CHISQ.INV function	Statistical: Returns the cumulative beta probability density function
CHISQ.INV.RT function	Statistical: Returns the inverse of the one- tailed probability of the chi-squared distribution
CHISQ.TEST function	Statistical: Returns the test for independence
CLEAN function	Text: Removes all nonprintable characters from text
CODE function	Text: Returns a numeric code for the first character in a text string
COMBIN function	Math and trigonometry: Returns the number of combinations for a given number of objects
COMBINA function	Math and trigonometry: Returns the number of combinations with repetitions for a given number of items
COMPLEX function	Engineering: Converts real and imaginary coefficients into a complex number
CONFIDENCE function	Compatibility: Returns the confidence interval for a population mean
	In Excel 2007, this is a Statistical function.
CONFIDENCE.NORM function	Statistical: Returns the confidence interval for a population mean
CONFIDENCE.T function	Statistical: Returns the confidence interval for a population mean, using a Student's t distribution
CONVERT function	Engineering: Converts a number from one measurement system to another
CORREL function	Statistical: Returns the correlation coefficient between two data sets
COSH function	Math and trigonometry: Returns the hyperbolic cosine of a number



Property of regpx

Function Name	Type and description
COT function	Math and trigonometry: Returns the hyperbolic cosine of a number
COTH function	Math and trigonometry: Returns the cotangent of an angle
COUNTA function	Statistical: Counts how many values are in the list of arguments
COUNTBLANK function	Statistical: Counts the number of blank cells within a range
COUNTIF function	Statistical: Counts the number of cells within a range that meet the given criteria
COUNTIFS function	Statistical: Counts the number of cells within a range that meet multiple criteria
COUPDAYBS function	Financial: Returns the number of days from the beginning of the coupon period to the settlement date
COUPDAYS function	Financial: Returns the number of days in the coupon period that contains the settlement date
COUPDAYSNC function	Financial: Returns the number of days from the settlement date to the next coupon date
COUPNCD function	Financial: Returns the next coupon date after the settlement date
COUPNUM function	Financial: Returns the number of coupons payable between the settlement date and maturity date
COUPPCD function	Financial: Returns the previous coupon date before the settlement date
COVAR function	Compatibility: Returns covariance, the average of the products of paired deviations
	In Excel 2007, this is a Statistical function

In Excel 2007, this is a **Statistical** function.



Function Name	Type and description
COVARIANCE.P function	Statistical: Returns covariance, the average of the products of paired deviations
COVARIANCE.S function	Statistical: Returns the sample covariance, the average of the products deviations for each data point pair in two data sets
CRITBINOM function	Compatibility: Returns the smallest value for which the cumulative binomial distribution is less than or equal to a criterion value
	In Excel 2007, this is a Statistical function.
CSC function	Math and trigonometry: Returns the cosecant of an angle
CSCH function	Math and trigonometry: Returns the hyperbolic cosecant of an angle
CUBEKPIMEMBER function	Cube: Returns a key performance indicator (KPI) name, property, and measure, and displays the name and property in the cell. A KPI is a quantifiable measurement, such as monthly gross profit or quarterly employee turnover, used to monitor an organization's performance.
CUBEMEMBER function	Cube: Returns a member or tuple in a cube hierarchy. Use to validate that the member or tuple exists in the cube.
CUBEMEMBERPROPERTY function	Cube: Returns the value of a member property in the cube. Use to validate that a member name exists within the cube and to return the specified property for this member.
CUBERANKEDMEMBER function	Cube: Returns the nth, or ranked, member in a set. Use to return one or more elements in a set, such as the top sales performer or top 10 students.



Function Name	Type and description
CUBESET function	Cube: Defines a calculated set of members or tuples by sending a set expression to the cube on the server, which creates the set, and then returns that set to Microsoft Office Excel.
CUBESETCOUNT function	Cube: Returns the number of items in a set.
CUBEVALUE function	Cube: Returns an aggregated value from a cube.
CUMIPMT function	Financial: Returns the cumulative interest paid between two periods
CUMPRINC function	Financial: Returns the cumulative principal paid on a loan between two periods
DATEDIF function	Date and time: Calculates the number of days, months, or years between two dates. This function is useful in formulas where you need to calculate an age.
DATEVALUE function	Date and time: Converts a date in the form of text to a serial number
DAVERAGE function	Database: Returns the average of selected database entries
DB function	Financial: Returns the depreciation of an asset for a specified period by using the fixed-declining balance method
DBCS function	Text: Changes half-width (single-byte) English letters or katakana within a character string to full-width (double-byte) characters
DCOUNT function	Database: Counts the cells that contain numbers in a database
DCOUNTA function	Database: Counts nonblank cells in a database



Function Name	Type and description
DDB function	Financial: Returns the depreciation of an asset for a specified period by using the double-declining balance method or some other method that you specify
DEC2BIN function	Engineering: Converts a decimal number to binary
DEC2HEX function	Engineering: Converts a decimal number to hexadecimal
DEC2OCT function	Engineering: Converts a decimal number to octal
DECIMAL function	Math and trigonometry: Converts a text representation of a number in a given base into a decimal number
DEGREES function	Math and trigonometry: Converts radians to degrees
DELTA function	Engineering: Tests whether two values are equal
DEVSQ function	Statistical: Returns the sum of squares of deviations
DGET function	Database: Extracts from a database a single record that matches the specified criteria
DISC function	Financial: Returns the discount rate for a security
DMAX function	Database: Returns the maximum value from selected database entries
DMIN function	Database: Returns the minimum value from selected database entries
DOLLAR function	Text: Converts a number to text, using the \$ (dollar) currency format
DOLLARDE function	Financial: Converts a dollar price, expressed as a fraction, into a dollar price, expressed as a decimal number



Function Name	Type and description
DOLLARFR function	Financial: Converts a dollar price, expressed as a decimal number, into a dollar price, expressed as a fraction
DPRODUCT function	Database: Multiplies the values in a particular field of records that match the criteria in a database
DSTDEV function	Database: Estimates the standard deviation based on a sample of selected database entries
DSTDEVP function	Database: Calculates the standard deviation based on the entire population of selected database entries
DSUM function	Database: Adds the numbers in the field column of records in the database that match the criteria
DURATION function	Financial: Returns the annual duration of a security with periodic interest payments
DVAR function	Database: Estimates variance based on a sample from selected database entries
DVARP function	Database: Calculates variance based on the entire population of selected database entries
EFFECT function	Financial: Returns the effective annual interest rate
	Web: Returns a URL-encoded string
ENCODEURL function	This function is not available in Excel Online.
ERF function	Engineering: Returns the error function
ERF.PRECISE function	Engineering: Returns the error function
ERFC function	Engineering: Returns the complementary error function



Function Name	Type and description
ERFC.PRECISE function	Engineering: Returns the complementary ERF function integrated between x and infinity
ERROR.TYPE function	Information: Returns a number corresponding to an error type
EUROCONVERT function	Add-in and Automation: Converts a number to euros, converts a number from euros to a euro member currency, or converts a number from one euro member currency to another by using the euro as an intermediary (triangulation).
EXACT function	Text: Checks to see if two text values are identical
EXPON.DIST function	Statistical: Returns the exponential distribution
EXPONDIST function	Compatibility: Returns the exponential distribution In Excel 2007, this is a Statistical function.
FACT function	Math and trigonometry: Returns the factorial of a number
FACTDOUBLE function	Math and trigonometry: Returns the double factorial of a number
F.DIST function	Statistical: Returns the F probability distribution
FDIST function	Compatibility: Returns the F probability distribution
	In Excel 2007, this is a Statistical function.
F.DIST.RT function	Statistical: Returns the F probability distribution
FILTERXML function	Web: Returns specific data from the XML content by using the specified XPath
2013	This function is not available in Excel Online.



Function Name	Type and description
F.INV function	Statistical: Returns the inverse of the F probability distribution
F.INV.RT function	Statistical: Returns the inverse of the F probability distribution
FINV function	Statistical: Returns the inverse of the F probability distribution
FISHER function	Statistical: Returns the Fisher transformation
FISHERINV function	Statistical: Returns the inverse of the Fisher transformation
FIXED function	Text: Formats a number as text with a fixed number of decimals
FLOOR.MATH function	Math and trigonometry: Rounds a number down, to the nearest integer or to the nearest multiple of significance
FLOOR.PRECISE function	Math and trigonometry: Rounds a number the nearest integer or to the nearest multiple of significance. Regardless of the sign of the number, the number is rounded up.
	Statistical: Returns a value along a linear trend
FORECAST function	In Excel 2016, this function is replaced with FORECAST.LINEAR as part of the new Forecasting functions, but it's still available for compatibility with earlier versions.
FORECAST.ETS function	Statistical: Returns a future value based on existing (historical) values by using the AAA version of the Exponential Smoothing (ETS) algorithm
	This function isn't available in Excel 2016 for Mac.



Property of regpx

Function Name

FORECAST.ETS.CONFINT function

FORECAST.ETS.SEASONALITY function

2016

FORECAST.ETS.STAT function

FORECAST.LINEAR function

FREQUENCY function

F.TEST function

FTEST function

FV function

FVSCHEDULE function

GAMMA function

Type and description

Statistical: Returns a confidence interval for the forecast value at the specified target date

This function isn't available in Excel 2016 for Mac.

Statistical: Returns the length of the repetitive pattern Excel detects for the specified time series

This function isn't available in Excel 2016 for Mac.

Statistical: Returns a statistical value as a result of time series forecasting

This function isn't available in Excel 2016 for Mac.*

Statistical: Returns a future value based on existing values

This function isn't available in Excel 2016 for Mac. *

Statistical: Returns a frequency distribution as a vertical array

Statistical: Returns the result of an F-test

Compatibility: Returns the result of an F-test

In Excel 2007, this is a Statistical function.

Financial: Returns the future value of an investment. *

Financial: Returns the future value of an initial principal after applying a series of compound interest rates

Statistical: Returns the Gamma function value



Property of regpx

Function Name

GAMMA.DIST function

GAMMADIST function

GAMMA.INV function

GAMMAINV function

GAMMALN function

GAMMALN.PRECISE function

GAUSS function

GCD function

GEOMEAN function

GESTEP function

GETPIVOTDATA function

GROWTH function

HARMEAN function

Type and description

Statistical: Returns the gamma distribution

Compatibility: Returns the gamma distribution

In Excel 2007, this is a Statistical function.

Statistical: Returns the inverse of the gamma cumulative distribution

Compatibility: Returns the inverse of the gamma cumulative distribution

In Excel 2007, this is a **Statistical** function.

Statistical: Returns the natural logarithm of the gamma function, G(x)

Statistical: Returns the natural logarithm of the gamma function, G(x)

Statistical: Returns 0.5 less than the standard normal cumulative distribution

Math and trigonometry: Returns the greatest common divisor

Statistical: Returns the geometric mean

Engineering: Tests whether a number is greater than a threshold value

Lookup and reference: Returns data stored in a PivotTable report

Statistical: Returns values along an exponential trend

Statistical: Returns the harmonic mean



Function Name	Type and description
HEX2BIN function	Engineering: Converts a hexadecimal number to binary
HEX2DEC function	Engineering: Converts a hexadecimal number to decimal
HEX2OCT function	Engineering: Converts a hexadecimal number to octal
HLOOKUP function	Lookup and reference: Looks in the top row of an array and returns the value of the indicated cell
HOUR function	Date and time: Converts a serial number to an hour
HYPERLINK function	Lookup and reference: Creates a shortcut or jump that opens a document stored on a network server, an intranet, or the Internet
HYPGEOM.DIST function	Statistical: Returns the hypergeometric distribution
HYPGEOMDIST function	Compatibility: Returns the hypergeometric distribution
	In Excel 2007, this is a Statistical function.
IFNA function	Logical: Returns the value you specify if the expression resolves to #N/A, otherwise returns the result of the expression
IFS function	Logical: Checks whether one or more conditions are met and returns a value that corresponds to the first TRUE condition.
2016	This function isn't available in Excel 2016 for Mac.



Function Name	Type and description
IMABS function	Engineering: Returns the absolute value (modulus) of a complex number
IMAGINARY function	Engineering: Returns the imaginary coefficient of a complex number
IMARGUMENT function	Engineering: Returns the argument theta, an angle expressed in radians
IMCONJUGATE function	Engineering: Returns the complex conjugate of a complex number
IMCOS function	Engineering: Returns the cosine of a complex number
IMCOSH function	Engineering: Returns the hyperbolic cosine of a complex number
IMCOT function	Engineering: Returns the cotangent of a complex number
IMCSC function	Engineering: Returns the cosecant of a complex number
IMCSCH function	Engineering: Returns the hyperbolic cosecant of a complex number
IMDIV function	Engineering: Returns the quotient of two complex numbers
IMEXP function	Engineering: Returns the exponential of a complex number
IMLN function	Engineering: Returns the natural logarithm of a complex number



Function Name	Type and description
IMLOG10 function	Engineering: Returns the base-10 logarithm of a complex number
IMLOG2 function	Engineering: Returns the base-2 logarithm of a complex number
IMPOWER function	Engineering: Returns a complex number raised to an integer power
IMPRODUCT function	Engineering: Returns the product of complex numbers
IMREAL function	Engineering: Returns the real coefficient of a complex number
IMSEC function	Engineering: Returns the secant of a complex number
IMSECH function	Engineering: Returns the hyperbolic secant of a complex number
IMSIN function	Engineering: Returns the sine of a complex number
IMSINH function	Engineering: Returns the hyperbolic sine of a complex number
IMSQRT function	Engineering: Returns the square root of a complex number
IMSUB function	Engineering: Returns the difference between two complex numbers
IMSUM function	Engineering: Returns the sum of complex numbers
IMTAN function	Engineering: Returns the tangent of a complex number



Function Name	Type and description
INDEX function	Lookup and reference: Uses an index to choose a value from a reference or array
INFO function	Information: Returns information about the current operating environment
	This function is not available in Excel Online.
INTERCEPT function	Statistical: Returns the intercept of the linear regression line
INTRATE function	Financial: Returns the interest rate for a fully invested security
IPMT function	Financial: Returns the interest payment for an investment for a given period
IRR function	Financial: Returns the internal rate of return for a series of cash flows
ISBLANK function	Information: Returns TRUE if the value is blank
ISERR function	Information: Returns TRUE if the value is any error value except #N/A
ISERROR function	Information: Returns TRUE if the value is any error value
ISFORMULA function	Information: Returns TRUE if there is a reference to a cell that contains a formula
ISLOGICAL function	Information: Returns TRUE if the value is a logical value
ISNA function	Information: Returns TRUE if the value is the #N/A error value



Function Name	Type and description
ISNONTEXT function	Information: Returns TRUE if the value is not text
ISNUMBER function	Information: Returns TRUE if the value is a number
ISREF function	Information: Returns TRUE if the value is a reference
ISTEXT function	Information: Returns TRUE if the value is text
ISO.CEILING function	Math and trigonometry: Returns a number that is rounded up to the nearest integer or to the nearest multiple of significance
ISOWEEKNUM function	Date and time: Returns the number of the ISO week number of the year for a given date
ISPMT function	Financial: Calculates the interest paid during a specific period of an investment
JIS function	Text: Changes half-width (single-byte) characters within a string to full-width (double-byte) characters
KURT function	Statistical: Returns the kurtosis of a data set
LARGE function	Statistical: Returns the k-th largest value in a data set
LCM function	Math and trigonometry: Returns the least common multiple
LINEST function	Statistical: Returns the parameters of a linear trend



Function Name	Type and description
LOG function	Math and trigonometry: Returns the logarithm of a number to a specified base
LOGEST function	Statistical: Returns the parameters of an exponential trend
LOGINV function	Compatibility: Returns the inverse of the lognormal cumulative distribution
LOGNORM.DIST function	Statistical: Returns the cumulative lognormal distribution
LOGNORMDIST function	Compatibility: Returns the cumulative lognormal distribution
LOGNORM.INV function	Statistical: Returns the inverse of the lognormal cumulative distribution
LOOKUP function	Lookup and reference: Looks up values in a vector or array
LOWER function	Text: Converts text to lowercase
MATCH function	Lookup and reference: Looks up values in a reference or array
MAXA function	Statistical: Returns the maximum value in a list of arguments, including numbers, text, and logical values
MAXIFS function	Statistical: Returns the maximum value among cells specified by a given set of conditions or criteria
	This function isn't available in Excel 2016 for Mac.
MDETERM function	Math and trigonometry: Returns the matrix determinant of an array



Function Name	Type and description
MDURATION function	Financial: Returns the Macauley modified duration for a security with an assumed par value of \$100
MEDIAN function	Statistical: Returns the median of the given numbers
MID, MIDB functions	Text: Returns a specific number of characters from a text string starting at the position you specify
MINIFS function	Statistical: Returns the minimum value among cells specified by a given set of conditions or criteria. This function isn't available in Excel 2016 for Mac.
MINA function	Statistical: Returns the smallest value in a list of arguments, including numbers, text, and logical values
MINUTE function	Date and time: Converts a serial number to a minute
MINVERSE function	Math and trigonometry: Returns the matrix inverse of an array
MIRR function	Financial: Returns the internal rate of return where positive and negative cash flows are financed at different rates
MMULT function	Math and trigonometry: Returns the matrix product of two arrays
MODE function	Compatibility: Returns the most common value in a data set
	In Excel 2007, this is a Statistical function.



Property of regpx

Private and confidential	Property of regpx
Function Name	Type and description
MODE.MULT function	Statistical: Returns a vertical array of the most frequently occurring, or repetitive values in an array or range of data
MODE.SNGL function	Statistical: Returns the most common value in a data set
MROUND function	Math and trigonometry: Returns a number rounded to the desired multiple
MULTINOMIAL function	Math and trigonometry: Returns the multinomial of a set of numbers
MUNIT function	Math and trigonometry: Returns the unit matrix or the specified dimension
N function	Information: Returns a value converted to a number
NA function	Information: Returns the error value #N/A
NEGBINOM.DIST function	Statistical: Returns the negative binomial distribution
NEGBINOMDIST function	Compatibility: Returns the negative binomial distribution
	In Excel 2007, this is a Statistical function.
NETWORKDAYS.INTL function	Date and time: Returns the number of whole workdays between two dates using parameters to indicate which and how many days are weekend days

NOMINAL function

NORM.DIST function

Statistical: Returns the normal cumulative

Financial: Returns the annual nominal

interest rate

distribution

Function Name

NORMDIST function

NORMINV function

NORM.INV function

NORM.S.DIST function

NORMSDIST function

NORM.S.INV function

NORMSINV function

NOW function

NPER function

NPV function

NUMBERVALUE function



Type and description Compatibility: Returns the normal cumulative distribution In Excel 2007, this is a Statistical function. Statistical: Returns the inverse of the normal cumulative distribution Compatibility: Returns the inverse of the normal cumulative distribution Note: In Excel 2007, this is a Statistical function. Statistical: Returns the standard normal cumulative distribution Compatibility: Returns the standard normal cumulative distribution In Excel 2007, this is a Statistical function. Statistical: Returns the inverse of the standard normal cumulative distribution Compatibility: Returns the inverse of the standard normal cumulative distribution In Excel 2007, this is a **Statistical** function. Date and time: Returns the serial number of the current date and time Financial: Returns the number of periods for an investment Financial: Returns the net present value of an investment based on a series of periodic cash flows and a discount rate Text: Converts text to number in a locale-

independent manner



Function Name	Type and description
OCT2BIN function	Engineering: Converts an octal number to binary
OCT2DEC function	Engineering: Converts an octal number to decimal
OCT2HEX function	Engineering: Converts an octal number to hexadecimal
ODD function	Math and trigonometry: Rounds a number up to the nearest odd integer
ODDFPRICE function	Financial: Returns the price per \$100 face value of a security with an odd first period
ODDFYIELD function	Financial: Returns the yield of a security with an odd first period
ODDLPRICE function	Financial: Returns the price per \$100 face value of a security with an odd last period
ODDLYIELD function	Financial: Returns the yield of a security with an odd last period
OFFSET function	Lookup and reference: Returns a reference offset from a given reference
PDURATION function	Financial: Returns the number of periods required by an investment to reach a specified value
PEARSON function	Statistical: Returns the Pearson product moment correlation coefficient
PERCENTILE.EXC function	Statistical: Returns the k-th percentile of values in a range, where k is in the range 01, exclusive



Type and description

Property of regpx

k-th percentile of

the k-th percentile

Function Name	Type and description
PERCENTILE.INC function	Statistical: Returns the values in a range
PERCENTILE function	Compatibility: Returns of values in a range

In Excel 2007, this is a Statistical function.

Statistical: Returns the rank of a value in a data set as a percentage (0..1, exclusive) of the data set

Statistical: Returns the percentage rank of a value in a data set

Compatibility: Returns the percentage rank of a value in a data set

In Excel 2007, this is a Statistical function.

Statistical: Returns the number of permutations for a given number of objects

Statistical: Returns the number of permutations for a given number of objects (with repetitions) that can be selected from the total objects

Statistical: Returns the value of the density function for a standard normal distribution

Text: Extracts the phonetic (furigana) characters from a text string

Financial: Returns the periodic payment for an annuity

Statistical: Returns the Poisson distribution

PERCENTRANK.EXC function 2010

PERCENTRANK.INC function 2010

PERCENTRANK function

PERMUT function

PERMUTATIONA function 2013

PHI function 2013

PHONETIC function

PMT function

POISSON.DIST function 2010

Private and confidential	Property of regpx
Function Name	Type and description
POISSON function	Compatibility: Returns the Poisson distribution In Excel 2007, this is a Statistical function.
PPMT function	Financial: Returns the payment on the principal for an investment for a given period
PRICE function	Financial: Returns the price per \$100 face value of a security that pays periodic interest
PRICEDISC function	Financial: Returns the price per \$100 face value of a discounted security
PRICEMAT function	Financial: Returns the price per \$100 face value of a security that pays interest at maturity
PROB function	Statistical: Returns the probability that values in a range are between two limits
PRODUCT function	Math and trigonometry: Multiplies its arguments
PROPER function	Text: Capitalizes the first letter in each word of a text value
PV function	Financial: Returns the present value of an investment
QUARTILE function	Compatibility: Returns the quartile of a data set In Excel 2007, this is a Statistical function.
QUARTILE.EXC function	Statistical: Returns the quartile of the data set, based on percentile values from 01, exclusive



Function Name	Type and description
QUARTILE.INC function	Statistical: Returns the quartile of a data set
QUOTIENT function	Math and trigonometry: Returns the integer portion of a division
RANDBETWEEN function	Math and trigonometry: Returns a random number between the numbers you specify
RANK.AVG function	Statistical: Returns the rank of a number in a list of numbers
RANK.EQ function	Statistical: Returns the rank of a number in a list of numbers
	Compatibility: Returns the rank of a number in a list of numbers
RANK function	In Excel 2007, this is a Statistical function.
RATE function	Financial: Returns the interest rate per period of an annuity
RECEIVED function	Financial: Returns the amount received at maturity for a fully invested security
REGISTER.ID function	Add-in and Automation: Returns the register ID of the specified dynamic link library (DLL) or code resource that has been previously registered
REPLACE, REPLACEB functions	Text: Replaces characters within text
REPT function	Text: Repeats text a given number of times
ROMAN function	Math and trigonometry: Converts an arabic numeral to roman, as text



Function Name	Type and description
RRI function	Financial: Returns an equivalent interest rate for the growth of an investment
RSQ function	Statistical: Returns the square of the Pearson product moment correlation coefficient
RTD function	Lookup and reference: Retrieves real-time data from a program that supports COM automation
SEC function	Math and trigonometry: Returns the secant of an angle
SECH function	Math and trigonometry: Returns the hyperbolic secant of an angle
SECOND function	Date and time: Converts a serial number to a second
SERIESSUM function	Math and trigonometry: Returns the sum of a power series based on the formula
SHEET function	Information: Returns the sheet number of the referenced sheet
SHEETS function	Information: Returns the number of sheets in a reference
SINH function	Math and trigonometry: Returns the hyperbolic sine of a number
SKEW function	Statistical: Returns the skewness of a distribution



Function Name	Type and description
SKEW.P function	Statistical: Returns the skewness of a distribution based on a population: a characterization of the degree of asymmetry of a distribution around its mean
SLN function	Financial: Returns the straight-line depreciation of an asset for one period
SLOPE function	Statistical: Returns the slope of the linear regression line
SMALL function	Statistical: Returns the k-the smallest value in a data set
SQL.REQUEST function	Add-in and Automation: Connects with an external data source and runs a query from a worksheet, then returns the result as an array without the need for macro programming
SQRTPI function	Math and trigonometry: Returns the square root of (number * pi)
STANDARDIZE function	Statistical: Returns a normalized value
STDEV function	Compatibility: Estimates standard deviation based on a sample
STDEV.P function	Statistical: Calculates standard deviation based on the entire population
STDEV.S function	Statistical: Estimates standard deviation based on a sample
STDEVA function	Statistical: Estimates standard deviation based on a sample, including numbers, text, and logical values

Private and confidential	Property of regp x
Function Name	Type and description
STDEVP function	Compatibility: Calculates standard deviation based on the entire population In Excel 2007, this is a Statistical function.
STDEVPA function	Statistical: Calculates standard deviation based on the entire population, including numbers, text, and logical values
STEYX function	Statistical: Returns the standard error of the predicted y-value for each x in the regression
SUBSTITUTE function	Text: Substitutes new text for old text in a text string
SUBTOTAL function	Math and trigonometry: Returns a subtotal in a list or database
SUMIFS function	Math and trigonometry: Adds the cells in a range that meet multiple criteria
SUMPRODUCT function	Math and trigonometry: Returns the sum of the products of corresponding array components
SUMSQ function	Math and trigonometry: Returns the sum of the squares of the arguments
SUMX2MY2 function	Math and trigonometry: Returns the sum of the difference of squares of corresponding values in two arrays
SUMX2PY2 function	Math and trigonometry: Returns the sum of the sum of squares of corresponding values in two arrays
SUMXMY2 function	Math and trigonometry: Returns the sum of squares of differences of corresponding values in two arrays



Function Name	Type and description
SWITCH function	Logical: Evaluates an expression against a list of values and returns the result corresponding to the first matching value. If there is no match, an optional default value may be returned.
	This function isn't available in Excel 2016 for Mac.
SYD function	Financial: Returns the sum-of-years' digits depreciation of an asset for a specified period
T function	Text: Converts its arguments to text
TANH function	Math and trigonometry: Returns the hyperbolic tangent of a number
TBILLEQ function	Financial: Returns the bond-equivalent yield for a Treasury bill
TBILLPRICE function	Financial: Returns the price per \$100 face value for a Treasury bill
TBILLYIELD function	Financial: Returns the yield for a Treasury bill
T.DIST function	Statistical: Returns the Percentage Points (probability) for the Student t-distribution
T.DIST.2T function	Statistical: Returns the Percentage Points (probability) for the Student t-distribution
T.DIST.RT function	Statistical: Returns the Student's t- distribution
TDIST function	Compatibility: Returns the Student's t- distribution



Function Name	Type and description
TEXT function	Text: Formats a number and converts it to text
TEXTJOIN function	Text: Combines the text from multiple ranges and/or strings, and includes a delimiter you specify between each text value that will be combined. If the delimiter is an empty text string, this function will effectively concatenate the ranges. This function isn't available in Excel 2016
	for Mac.
TIME function	Date and time: Returns the serial number of a particular time
TIMEVALUE function	Date and time: Converts a time in the form of text to a serial number
T.INV function	Statistical: Returns the t-value of the Student's t-distribution as a function of the probability and the degrees of freedom
T.INV.2T function	Statistical: Returns the inverse of the Student's t-distribution
TINV function	Compatibility: Returns the inverse of the Student's t-distribution
TRANSPOSE function	Lookup and reference: Returns the transpose of an array
TREND function	Statistical: Returns values along a linear trend
TRIM function	Text: Removes spaces from text
TRIMMEAN function	Statistical: Returns the mean of the interior of a data set



Function Name	Type and description
T.TEST function	Statistical: Returns the probability associated with a Student's t-test
TTEST function	Compatibility: Returns the probability associated with a Student's t-test
	In Excel 2007, this is a Statistical function.
TYPE function	Information: Returns a number indicating the data type of a value
UNICHAR function	Text: Returns the Unicode character that is references by the given numeric value
UNICODE function	Text: Returns the number (code point) that corresponds to the first character of the text
VAR function	Compatibility: Estimates variance based on a sample
	In Excel 2007, this is a Statistical function.
VAR.P function	Statistical: Calculates variance based on the entire population
VAR.S function	Statistical: Estimates variance based on a sample
VARA function	Statistical: Estimates variance based on a sample, including numbers, text, and logical values
VARP function	Compatibility: Calculates variance based on the entire population
	In Excel 2007, this is a Statistical function.
VARPA function	Statistical: Calculates variance based on the entire population, including numbers, text, and logical values



Function Name	Type and description
VDB function	Financial: Returns the depreciation of an asset for a specified or partial period by using a declining balance method
WEBSERVICE function	Web: Returns data from a web service. This function is not available in Excel Online.
WEEKNUM function	Date and time: Converts a serial number to a number representing where the week falls numerically with a year
WEIBULL function	Compatibility: Calculates variance based on the entire population, including numbers, text, and logical values In Excel 2007, this is a Statistical function.
WEIBULL.DIST function	Statistical: Returns the Weibull distribution
WORKDAY.INTL function	Date and time: Returns the serial number of the date before or after a specified number of workdays using parameters to indicate which and how many days are weekend days
XIRR function	Financial: Returns the internal rate of return for a schedule of cash flows that is not necessarily periodic
XNPV function	Financial: Returns the net present value for a schedule of cash flows that is not necessarily periodic
YEARFRAC function	Date and time: Returns the year fraction representing the number of whole days between start_date and end_date



Function Name	Type and description
YIELD function	Financial: Returns the yield on a security that pays periodic interest
YIELDDISC function	Financial: Returns the annual yield for a discounted security; for example, a Treasury bill
YIELDMAT function	Financial: Returns the annual yield of a security that pays interest at maturity
Z.TEST function	Statistical: Returns the one-tailed probability-value of a z-test
ZTEST function	Compatibility: Returns the one-tailed probability-value of a z-test
	In Excel 2007, this is a Statistical function.