

Step-by-Step Manual

Step 0

When you start up the program, you will get this screen:

The screenshot shows the JEAPAWIRI software interface with three tabs: Input, Analyze, and Output. The Input tab is active, showing the Project Selection section with a dropdown menu set to 'ADMIRE' and buttons for 'ADD new Project' and 'Remove Project'. Below this is the File Selection section, which displays a tree view of projects. The Analyze tab is also visible, showing 'The XMLEditor' with various fields for document and column configuration.

Project Selection:

Project : **ADMIRE**

File Selection:

PROJECTS:

- (default)
 - meeting.xlsx
 - ADMIRE2.ht
 - afspraken.xlsx
- ADMIRE
 - meeting.xlsx
 - ADMIRE2.ht
 - afspraken.xlsx

The XMLEditor:

Document name:	meeting
Document type:	Excel
Document path:	sro/main/data/demo/meeting.xlsx
Document start line:	2
Document sheet:	1
<input type="button" value="Add new Column"/> <input type="button" value="Remove column"/>	
Column id:	15
Column name:	date
Select type:	Date
Specified datatype:	dd-MM-yyyy
Column id:	14
Column name:	createdby
Select type:	String
Column id:	3
Column name:	moment
Select type:	Int
Column id:	22
Column name:	beschrijving
Select type:	String
Column id:	6
Column name:	value
Select type:	Int
Column id:	12
Column name:	advice
Select type:	String

Step 1

First you want to add a new project to work in. Press the *ADD new Project* button and this will popup. Fill in a name you want to give to the project and press *OK*.

The screenshot shows a 'New Project' dialog box. The dialog box has a title bar 'Input' and a question mark icon. It contains a text field with the name 'ADMIRE' and buttons for 'OK' and 'Cancel'.

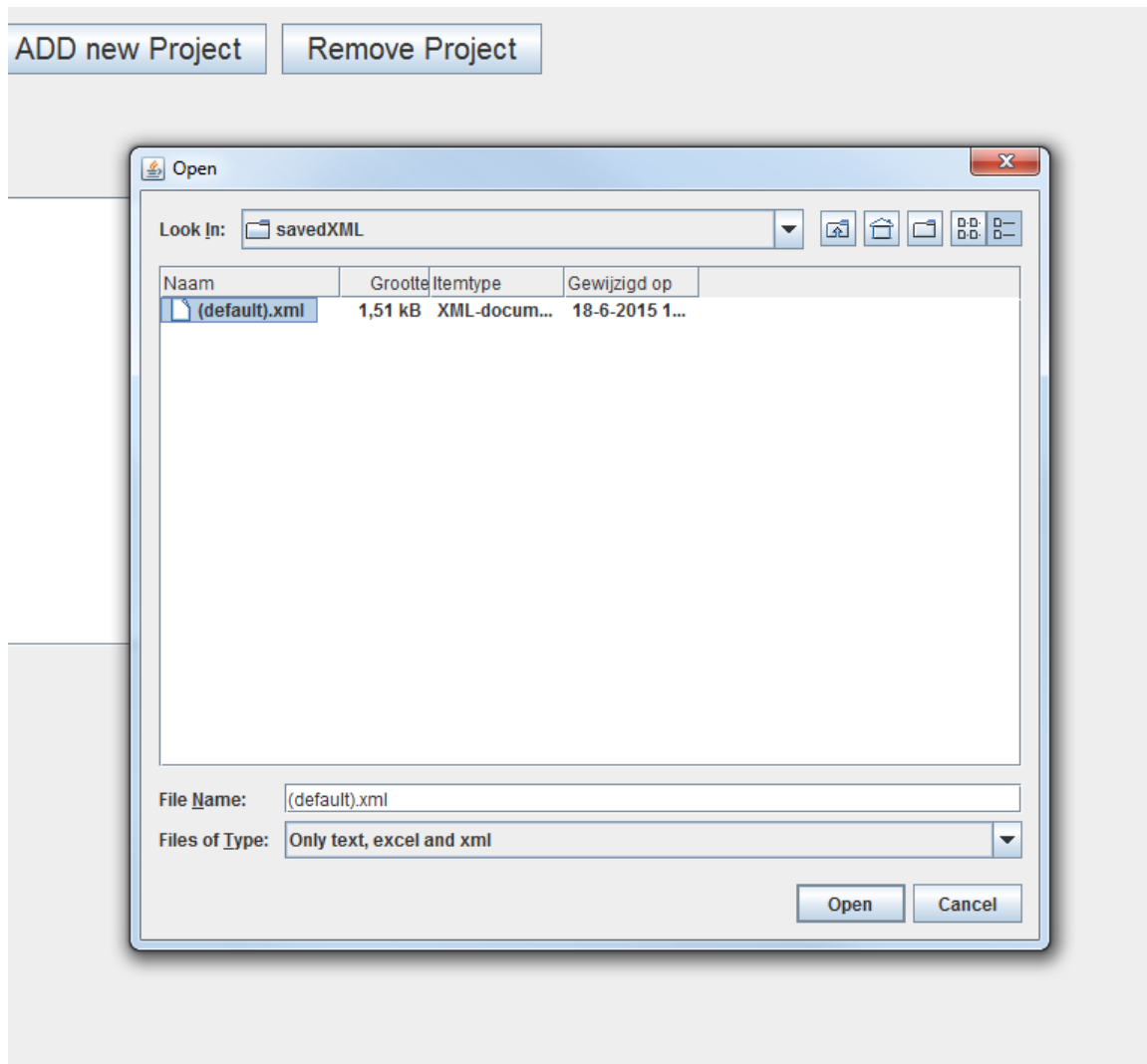
Input

New Project :

ADMIRE

Step 2

Next it is important to load the files that belongs to the project. For this example we load in a xml file, it's also possible to load txt or excel files. Press the *Open File* button in the program and this popup will be shown. Select the file you want and press the *Open* button. Now it will be loaded to the current project you are working in.



Step 3

Check at the right side of the screen if for each file all fields are filled in correctly and for each file if they have a column with a column name: date.

The XMLEditor:

Column name:	moment
Select type:	Int
Column id:	22
Column name:	beschrijving
Select type:	String
Column id:	6
Column name:	value
Select type:	Int
Column id:	12
Column name:	advice
Select type:	String
Column id:	15
Column name:	time
Select type:	Date
Specified datatype:	HH:mm:ss

Document name:	ADMIRE2
Document type:	Text
Document path:	src/main/data/demo/ADMIRE2.txt
Document start line:	7
Document delimiter:	,

Column id:	2
Column name:	value
Select type:	Int
Column id:	5
Column name:	date

Step 4

Select the files you want to use to analyse. By pressing *the name of the file* you see if its selected or not. The selected ones will be used for analysing.

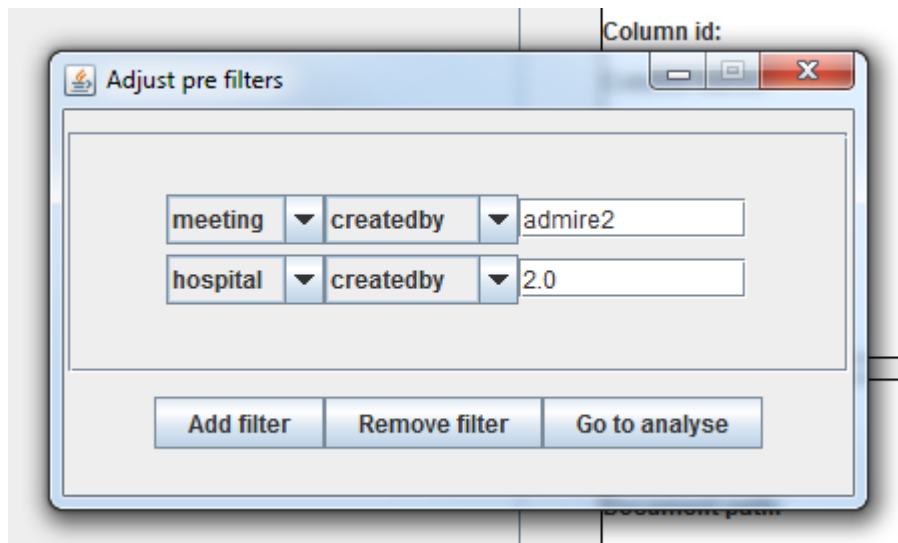
File Selection:

PROJECTS :

- (default)
- ADMIRE
 - meeting.xlsx [SELECTED]
 - ADMIRE2.txt
 - afspraken.xlsx [SELECTED]

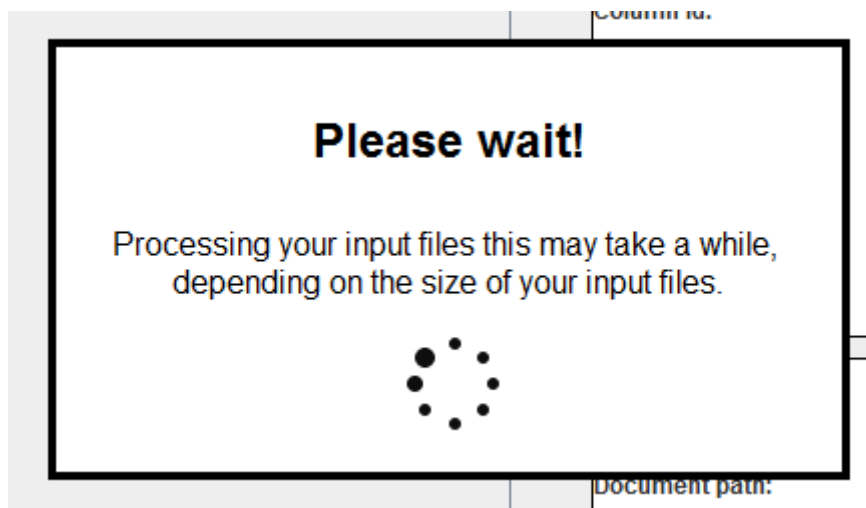
Step 5

Press the *Save & Go to Analyse* button to proceed. Here you can set pre filters on the data you want to use. First select which file then which column and then the filter. So here in the example meeting is the name of the file, createdby is the column and admire2 is the filter. Then press *Go to analyse*.



Step 6

Please wait, the files will be read and will be filtered by the pre-filter.



Step 7

You will automatically get to the analyse tab:

The screenshot shows the JEARPAWIRI software interface with three main tabs: 'Input', 'Analyze', and 'Output'. The 'Analyze' tab is active. On the left, there is a 'Code input area' and a 'Used Code:' section. On the right, the 'Intermediate Result:' section displays a table of data. Below the table are four buttons: 'Import Script', 'Save Script', 'Analyze', and 'Help'.

Code input area:

Used Code:

Intermediate Result:

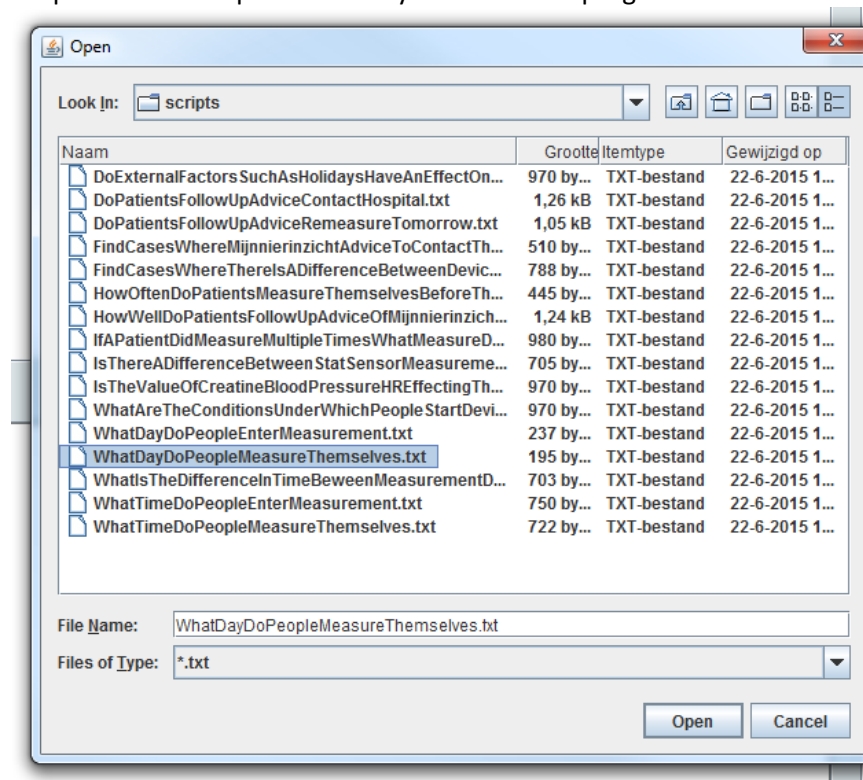
Number of chunks: 0

line:	haschildren:	code:	comment:	date:	createdby:	beschrijving:	moment:	value:	advice:	time:	difference:	conn
no				2012-04-03	Crea			232		1241	no difference	no con
no				2012-04-03	Crea			753		1244	no difference	no con
no				2012-04-14	Crea			164		1121	no difference	no con
no				2012-04-17	Crea			170		936	no difference	no con
no				2012-04-20	Crea			228		854	no difference	no con
no				2012-04-21	Crea			171		929	no difference	no con
no				2012-04-23	Crea			171		902	no difference	no con
no				2012-04-23	admire2	Gewicht	1200		NULL	952	no difference	no con
no				2012-04-23	admire2	Pols	900	83	NULL	952	no difference	no con
no				2012-04-23	admire2	Temperatuur	900	37	NULL	952	no difference	no con
no				2012-04-23	admire2	Bloeddruk	900	150	NULL	952	no difference	no con
no				2012-04-23	admire2	Kreatinine (stat)	1200	171	NULL	952	no difference	no con
no				2012-04-24	Crea			170		819	no difference	no con
no				2012-04-25	Crea			172		814	no difference	no con
no				2012-04-26	Crea			174		705	no difference	no con
no				2012-04-26	admire2	Gewicht	1200		NULL	1011	no difference	no con
no				2012-04-26	admire2	Pols	900	62	NULL	1011	no difference	no con
no				2012-04-26	admire2	Temperatuur	900		NULL	1011	no difference	no con
no				2012-04-26	admire2	Bloeddruk	900	136	NULL	1011	no difference	no con
no				2012-04-26	admire2	Kreatinine (stat)	1200	171	NULL	1011	no difference	no con
no				2012-04-26	admire2	Kreatinine (stat)	1200	168	NULL	1012	no difference	no con
no				2012-04-26	admire2	Kreatinine (stat)	1200	164	NULL	1012	no difference	no con
no				2012-04-26	admire2	Kreatinine (stat)	1200	165	NULL	1012	no difference	no con

Import Script Save Script Analyze Help

Step 8

Press the *Import Script* button to import a script for analysing the data. In the example we select a script from the scripts we already wrote for the program. Select the script you want and press *Open*.



Step 9

The script will be loaded into the Code input area. The sentence which starts with – are comments to the code. In the example line 1, 3 and 5 are comments.

Code input area:

```
--filter the data where the beschrijving column equals 'Crea'  
filter data where beschrijving = 'Crea'  
--set a code on date  
code date  
--in the output page you can now check the frequency bar
```

Step 10

Press *enter* or press the *Analyze* button to run the script. The script you had run will be showed in the Used Code area and the Intermediate Results will be updated.

Intermediate Result:

Number of chunks: 0

line:	haschildren:	code:	comment:	date:	createdby:	beschrijving:	moment:	value:	advice:	time:	difference:	con
	no	dinsdag		2012-04-03	Crea			232		1241	no difference	no c
	no	dinsdag		2012-04-03	Crea			753		1244	no difference	no c
	no	zaterdag		2012-04-14	Crea			164		1121	no difference	no c
	no	dinsdag		2012-04-17	Crea			170		936	no difference	no c
	no	vrijdag		2012-04-20	Crea			228		854	no difference	no c
	no	zaterdag		2012-04-21	Crea			171		929	no difference	no c
	no	maandag		2012-04-23	Crea			171		902	no difference	no c
	no	dinsdag		2012-04-24	Crea			170		819	no difference	no c
	no	woensdag		2012-04-25	Crea			172		814	no difference	no c
	no	donderdag		2012-04-26	Crea			174		705	no difference	no c
	no	vrijdag		2012-04-27	Crea			251		821	no difference	no c
	no	vrijdag		2012-04-27	Crea			190		823	no difference	no c
	no	dinsdag		2012-05-01	Crea			208		828	no difference	no c
	no	dinsdag		2012-05-08	Crea			160		720	no difference	no c
	no	vrijdag		2012-05-11	Crea			175		747	no difference	no c
	no	zaterdag		2012-05-12	Crea			181		755	no difference	no c
	no	zondag		2012-05-13	Crea			135		846	no difference	no c
	no	maandag		2012-05-14	Crea			176		635	no difference	no c
	no	woensdag		2012-05-16	Crea			187		640	no difference	no c
	no	donderdag		2012-05-17	Crea			191		951	no difference	no c
	no	vrijdag		2012-05-18	Crea			254		658	no difference	no c
	no	vrijdag		2012-05-18	Crea			174		701	no difference	no c
	no	maandag		2012-05-21	Crea			183		630	no difference	no c

Used Code:

```
--filter the data where the beschrijving column equals 'Crea'  
filter data where beschrijving = 'Crea'  
--set a code on date  
code date  
--in the output page you can now check the frequency bar
```

Step 11

When you are done with analysing, you press on the output tab.

The screenshot displays the JEARPAWIRI software interface with three main tabs: 'Input', 'Analyze', and 'Output'. The 'Output' tab is currently selected. On the left side, under 'Graph Input:', there are four checkboxes: 'Box Plot', 'Frequency Bar', 'State-Transition Matrix', and 'Line Chart'. Below this is a large empty box for graph input. The main area on the right is labeled 'Graph(s):' and is also empty. At the bottom left, under 'The Result:', there is a table with the following data:

line:	haschildren:	code:	comment:	date:	createdby:	beschrijving:	moment:	value:	advice:	time:	difference:	co
no		dinsdag		2012-04-03		Crea		232		1241	no difference	no e
no		dinsdag		2012-04-03		Crea		753		1244	no difference	no e
no		zaterdag		2012-04-14		Crea		164		1121	no difference	no e
no		dinsdag		2012-04-17		Crea		170		936	no difference	no e
no		vrijdag		2012-04-20		Crea		228		854	no difference	no e
no		zaterdag		2012-04-21		Crea		171		929	no difference	no e
no		maandag		2012-04-23		Crea		171		902	no difference	no e
no		dinsdag		2012-04-24		Crea		170		819	no difference	no e
no		woensdag		2012-04-25		Crea		172		814	no difference	no e

At the bottom of the interface, there are two buttons: 'Export File' and 'Update Graphs'.

Step 12

You can create a graph from the data you have now. Select a graph you want to plot. Here we select a frequency bar, by pressing the *Frequency Bar* checkbox. Next you set the title of the graph, as here Day of the Week.

Graph Input:

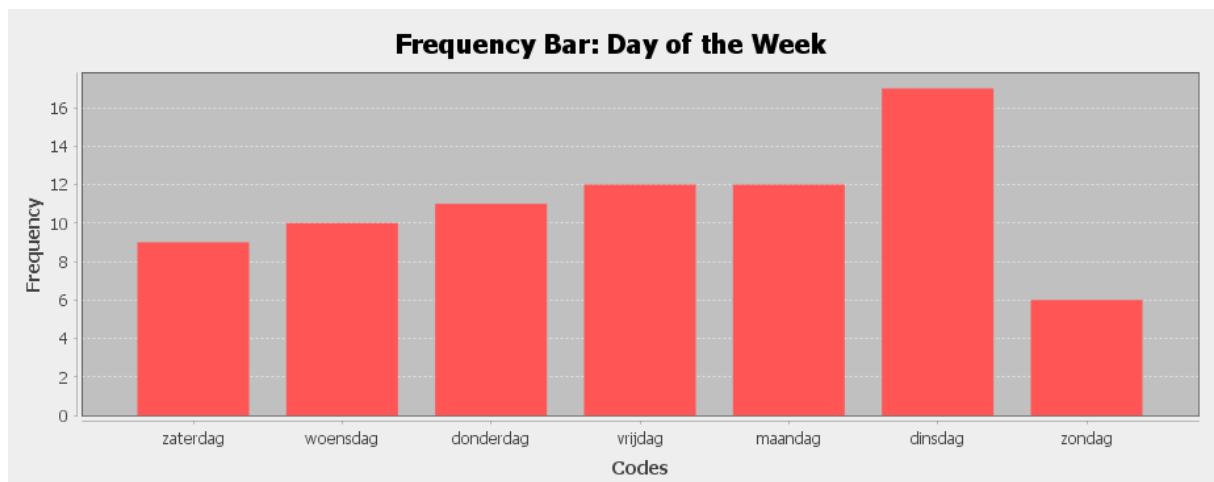
☐ Box Plot☒ Frequency Bar☐ State-Transition Matrix☐ Line Chart

Frequency Bar

Graph Title:

Step 13

Press the *Update Graph* button to update all graphs and you will see that a graph is created of the data where you ran the script over.



Step 14

Last you can export the file and graphs. By pressing the *Export File* button, you can easily save the file. You can save the graphs by *right clicking* the graph and choose the option *save as*. Browse to where you want to save the file or graph. Type the name of the file in the File Name area and press *Save* to save the file or graph.

