User Manual - Windows T4U

EUROPEAN INSURANCE
AND OCCUPATIONAL PENSIONS AUTHORITY

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I Getting Started

I.1 Purpose

This document aims to provide an overview of the XBRT (eXtensible Business Reporting Toolkit) project.

1) **Windows T4U** - this component of the solution will be used by the Undertakings to manage (produce, edit/correct, review, etc.) their XBRL filings with a Windows form application. This will

   - Provide a user friendly interface for rendering Solvency II templates, manual input of data and validation;
   - Create, read and validate XBRL reports;
   - Validate and view the created XBRL reports using a third-party viewer and validator (Arelle);
   - Database-based: Validations at database level (not XBRL assertions based) built around a database with an architecture similar to CRDIV, and with structures to facilitate extensive data migrations;
   - Simple export/import capabilities from Excel (plain Excel files).

2) The product provides an easy to use windows based interface to manage create, read, and update Solvency II data. In itself it gathers all its data from a SQLite database with the extension XBRT.

3) Once data has been successfully managed XBRL files can be created for distribution through the export mechanism.

More information about the T4U project can be found at http://t4u.eurofiling.info/

I.2 Audience

I.3 Acronyms, Abbreviations, Terms and Definitions

Abbreviation	Description
EIOPA	European Insurance and Occupational Pensions Authority
XBRT	Extensible Business Reporting Toolkit
T4U	Tool for Undertaking
XBRL	Extensible Business Reporting Language

II Installation – Client Side

II.1 Permission required

The user should have windows user account to install the application. Guest user account will not be supported by the ClickOnce installation.

II.2 Prerequisite

Microsoft Dot Net frame work version	Version 4.0

Note: admin rights required to install the dot net in the end user's machine.

Workspace Deployment Client-Side Platform Supported Operating Systems:

Operating System	Version	Machine type
Microsoft Windows	8.0 / 8.1 / 7 / Vista	32/64 bit

It may also runs on Windows XP (it's not officially supported).

Workspace Client-Side Platform Supported Browsers:

Browser Type	Version
Microsoft Internet Explorer	8 or higher
Mozilla Firefox	3 or higher
Google Chrome	30 or higher

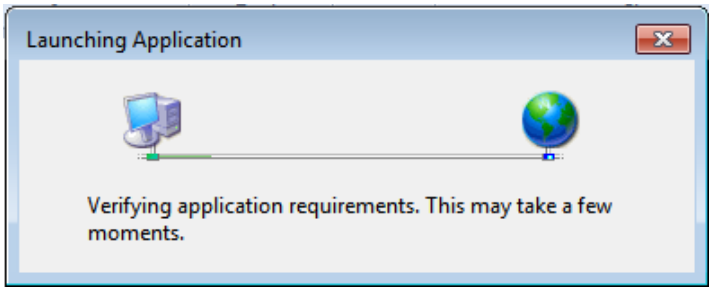
II.3 Steps to install Windows T4U

II.3.1 Already meets the minimal requirements (recommended installation)

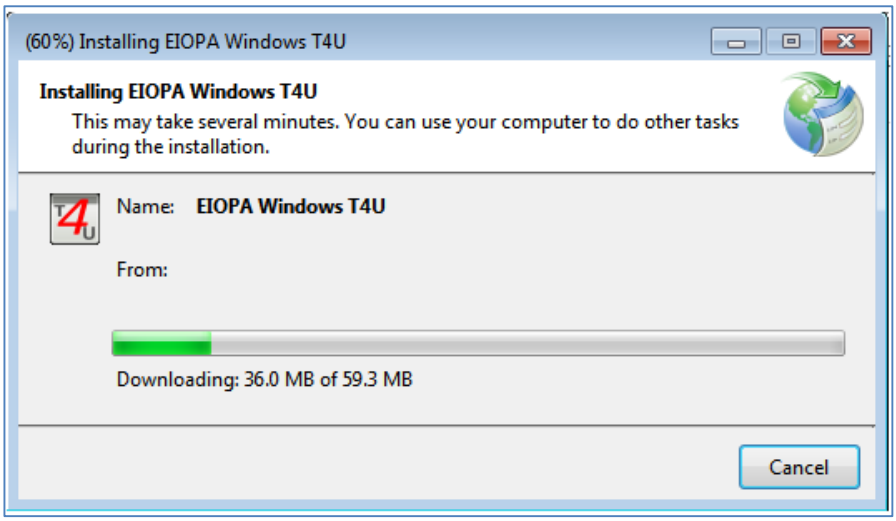
1. Use your Web browser to navigate to the following url:

http://dev.eiopa.europa.eu/XBRT/Deployment/2015/WindowsT4U/PRO/SolvencyII_T4U_PREP_2015_PRO.application

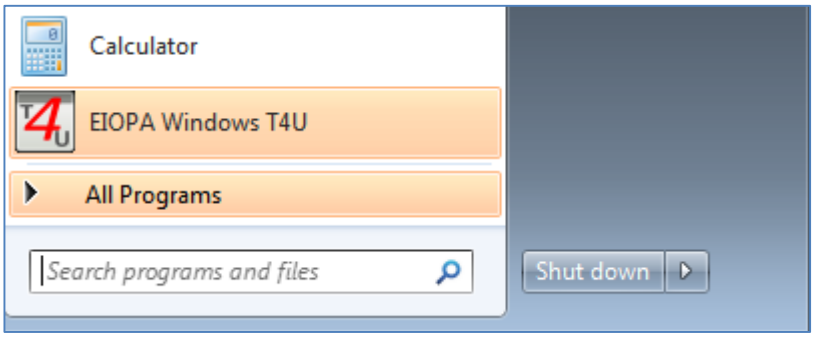
2. Click **Install** in the application installation dialog box.



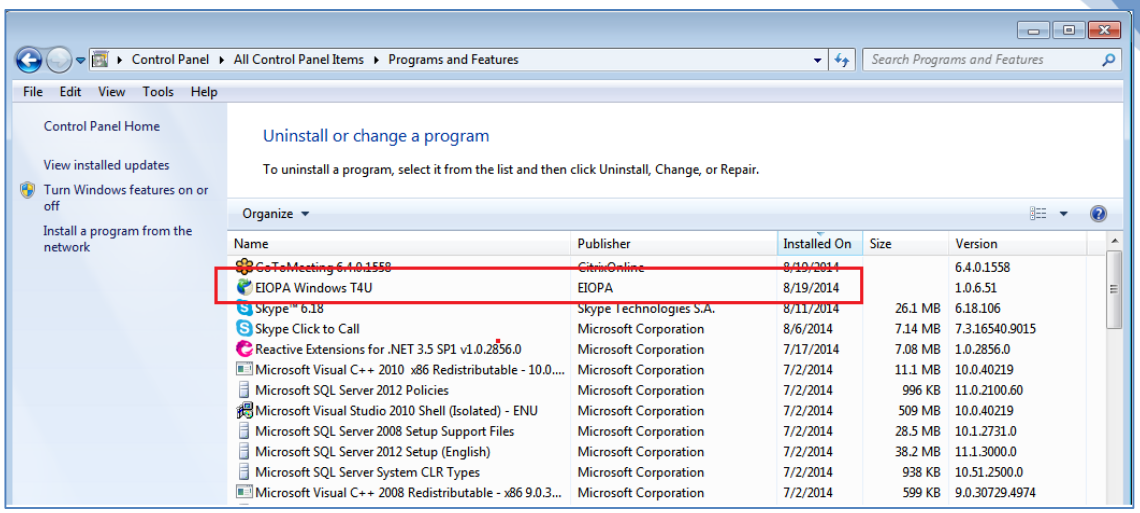
3. This installer window displays a progress bar.



After installation the application will be available in the **All Programs** section.



Also the user can verify the installation in the Control Panel's Programs and Features section



4. Sample Installation Folder structure:
   C:\Users\<<username>>\AppData\Local\Apps\2.0
5. After the installation, Whenever the user opens/runs the application,
   The application checks for updates and if any are available it will download them and update in the user's system, and then ClickOnce will launch the Windows T4U application.

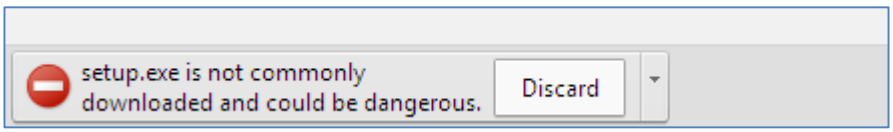
Note: If you not able to complete the installation (example: due to firewall settings…). Please proceed with the below mentioned installation steps.

II.3.2 Not meets the minimal requirements (.Net Framework)

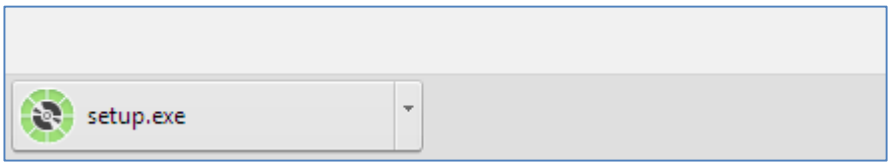
1. If you do not have the minimal requirements, Use your Web browser to navigate to the following url:

   http://dev.eiopa.europa.eu/XBRT/Deployment/2015/WindowsT4U/PRO/setup.exe

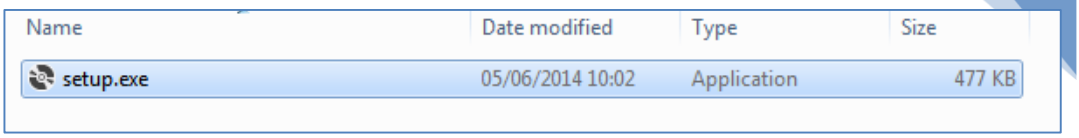
2. Download the installer by clicking the provided link in the website.
3. Your Web browser opens a window and it prompts to confirm the download the executable.
4. Depending upon the browser and browser setting you may get the below step.



5. Choose to run the file or save the file.

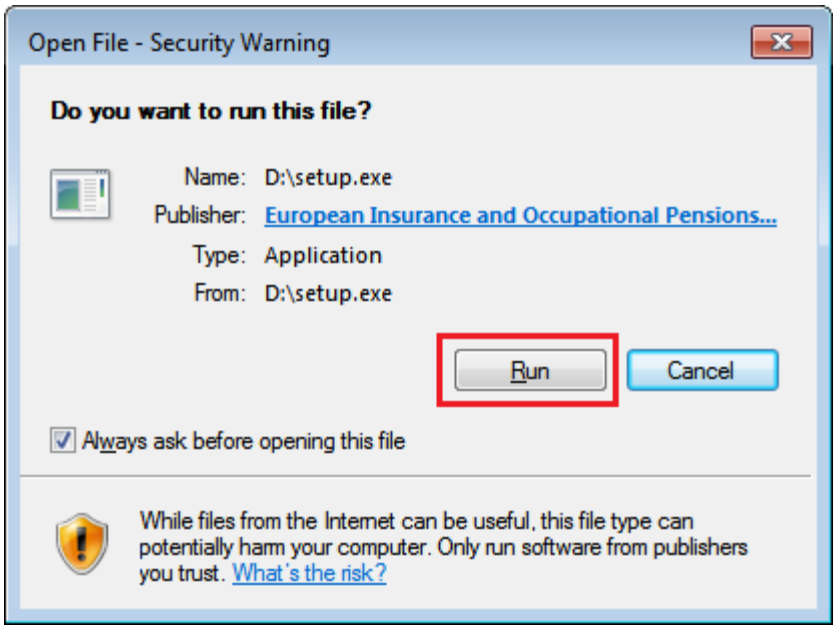


Normally the installer will be downloaded in the "\Downloads" folder.
Folder structure: C:\Users\<<User Name>>\Downloads



Execute/double click the setup.exe file.

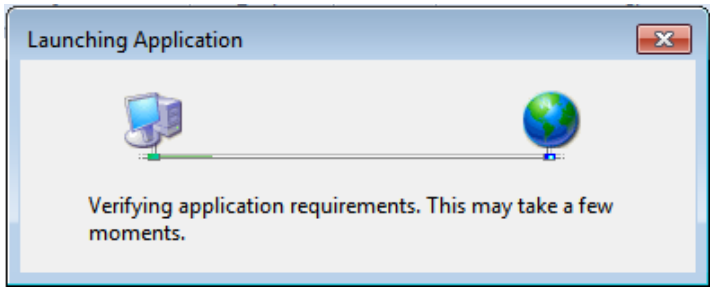
6. The Open file dialog box will appear.

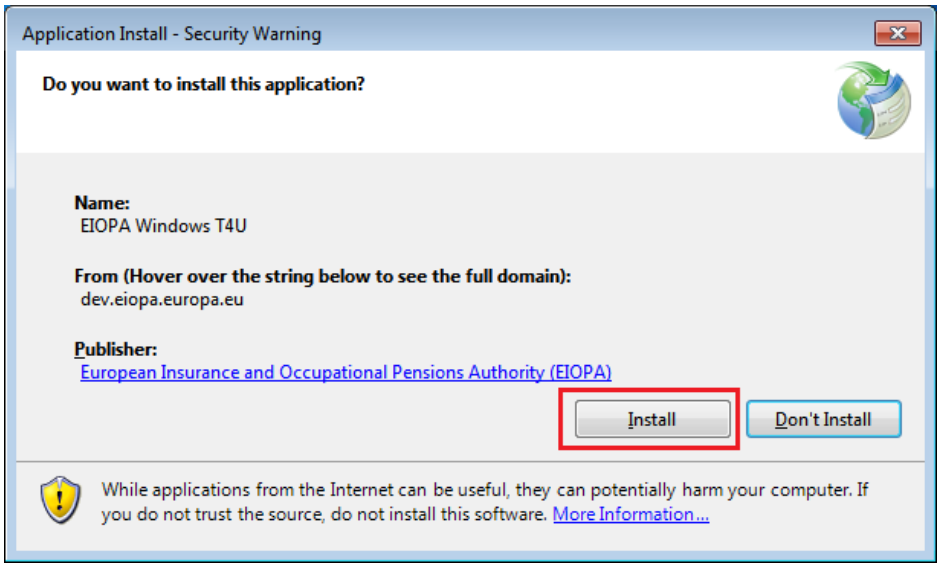


7. Click Run.
8. If its first time installation then Click Once will give them an opportunity to first installs any prerequisites (such as the .NET 3.5 Framework). With the prerequisites completed, Click Once will install the application.

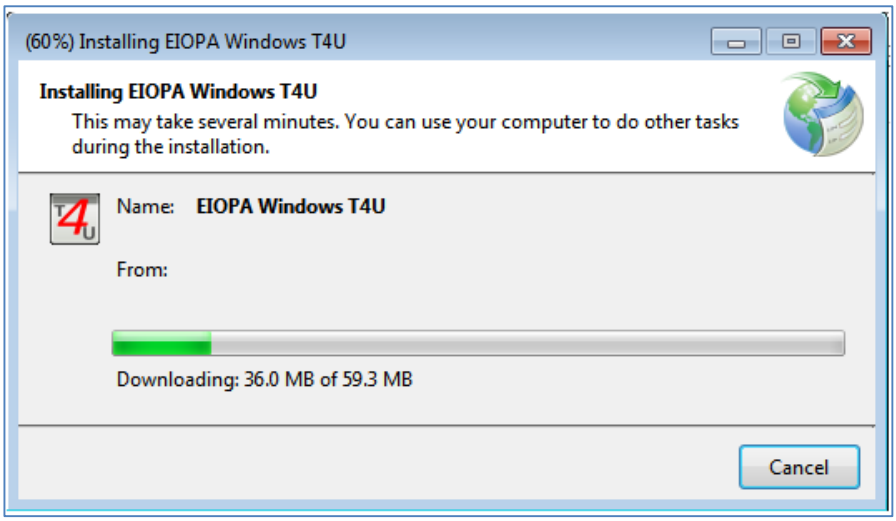
Note: Admin rights may require to install the prerequisites.

9. Click **Install** in the application installation dialog box.

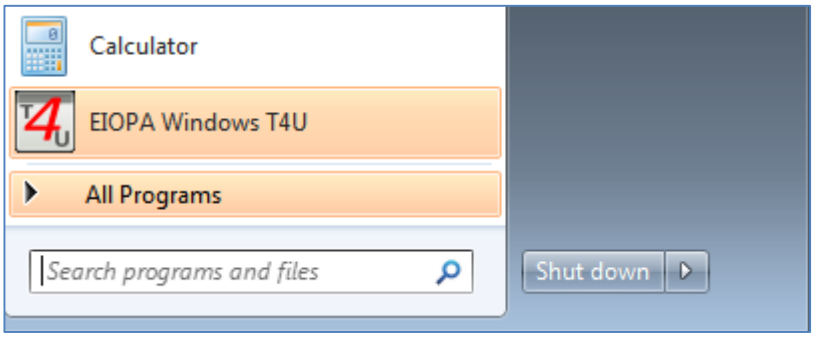




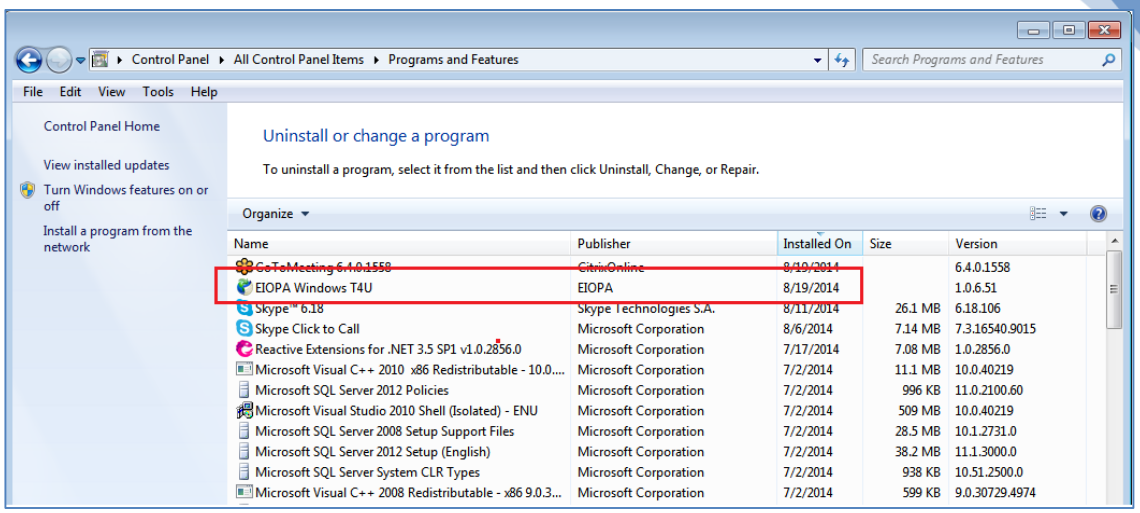
10. This installer window displays a progress bar.



After installation the application will be available in the **All Programs** section.



Also the user can verify the installation in the Control Panel's Programs and Features section



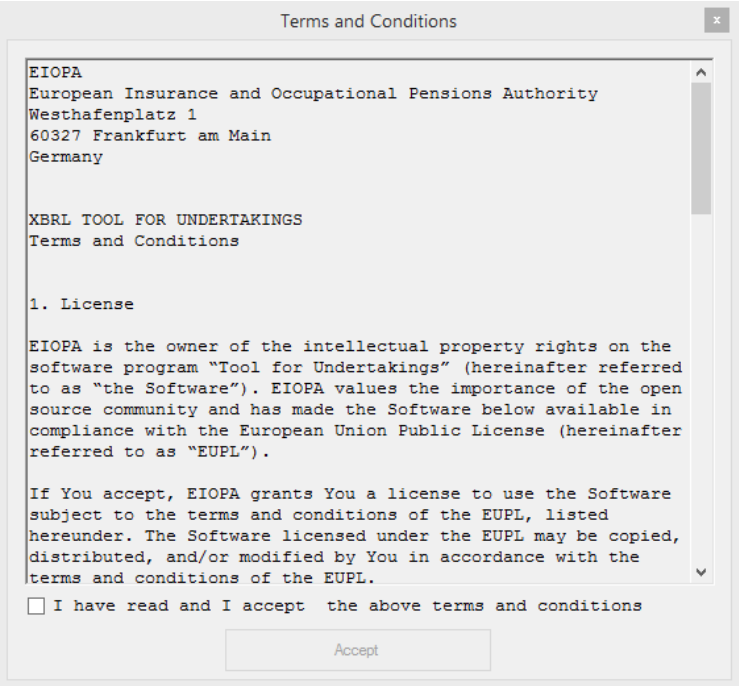
11. Sample Installation Folder structure:
    C:\Users\<<username>>\AppData\Local\Apps\2.0

    Note: If you not able to complete the installation by using the above link **also** (ex: due to firewall settings) then download the installation source bits from the below mentioned link, extract and execute the setup.exe with administrator rights (You may need to disconnect internet connection before start installation)

III Launching Application

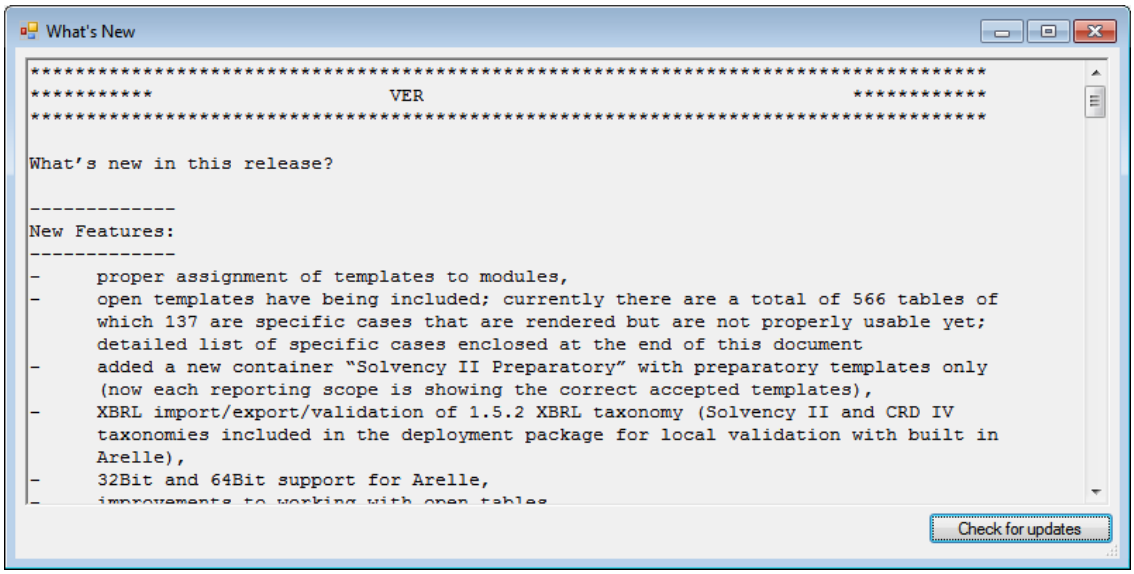
Terms and Conditions:

After the successful installation, The Terms and Conditions condition window will appear, Accept the **Terms and Conditions** to continue work with application. This window will appear every time whenever the user launching the application.



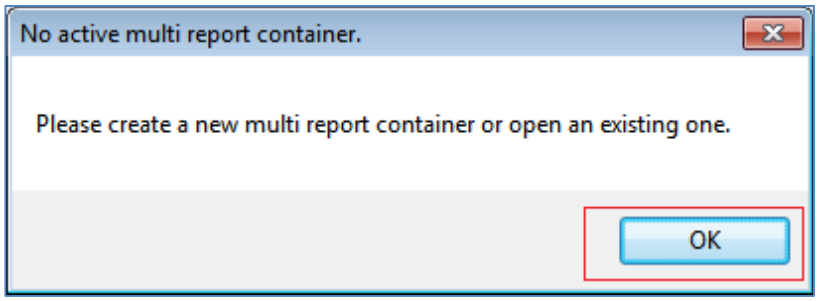
What's New?

What's New window will appear every time after the successful new installation/application update.



The user can view the New Features, Bugs Fixes, Known bugs and Missing features to be included in next releases details for the current/past releases.

At first time **Or** if the no container/file connected to the application, the following message will appear. Follow the steps mentioned in the File/Multi report container section to create appropriate container.



IV File/Multi report container

IV.1 Create a new multi report container

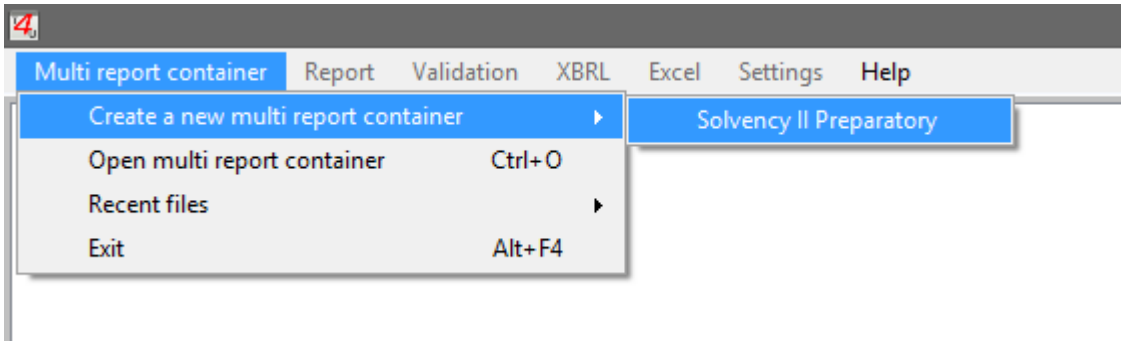
A container is an individual file that can storage one or more reports. The user can create any following list of container type.

Container Types:

1) **Solvency II**
2) **Solvency II Preparatory**

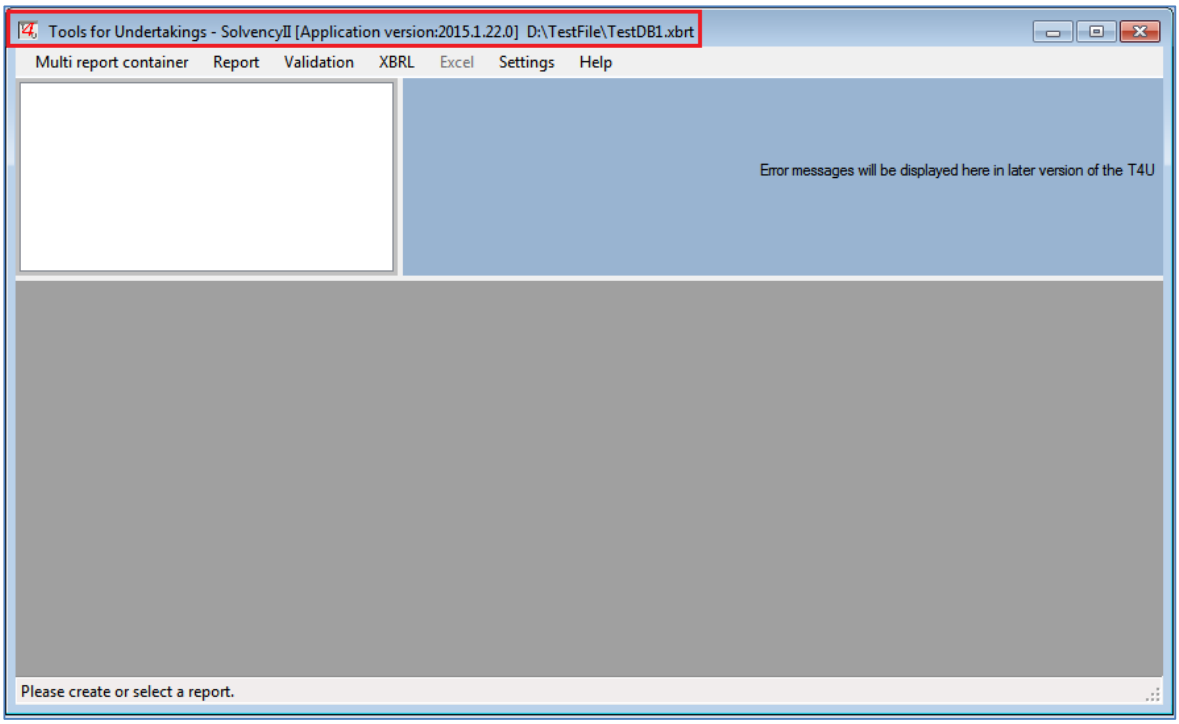
IV.1.1 Create a new multi report container

1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select **create a new multi report container** menu.
3. Choose **Solvency II** or **Solvency II Preparatory** container type from the menu.
4. Provide the file name and path in the **Create Solvency II multiport container** dialog box.
5. Click **Save** to create the container file.
6. The application will create the container file in the provided location.
7. The user can verify the created XBRT file in the top title bar of the application.



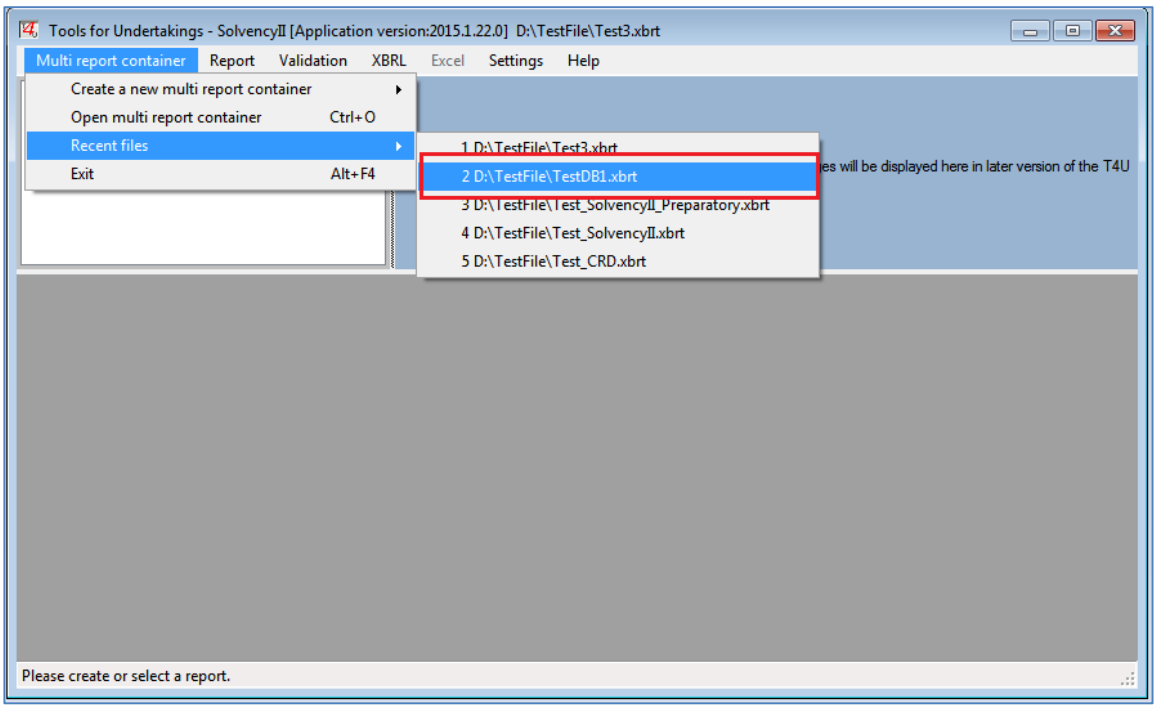
IV.2 Open multi report container

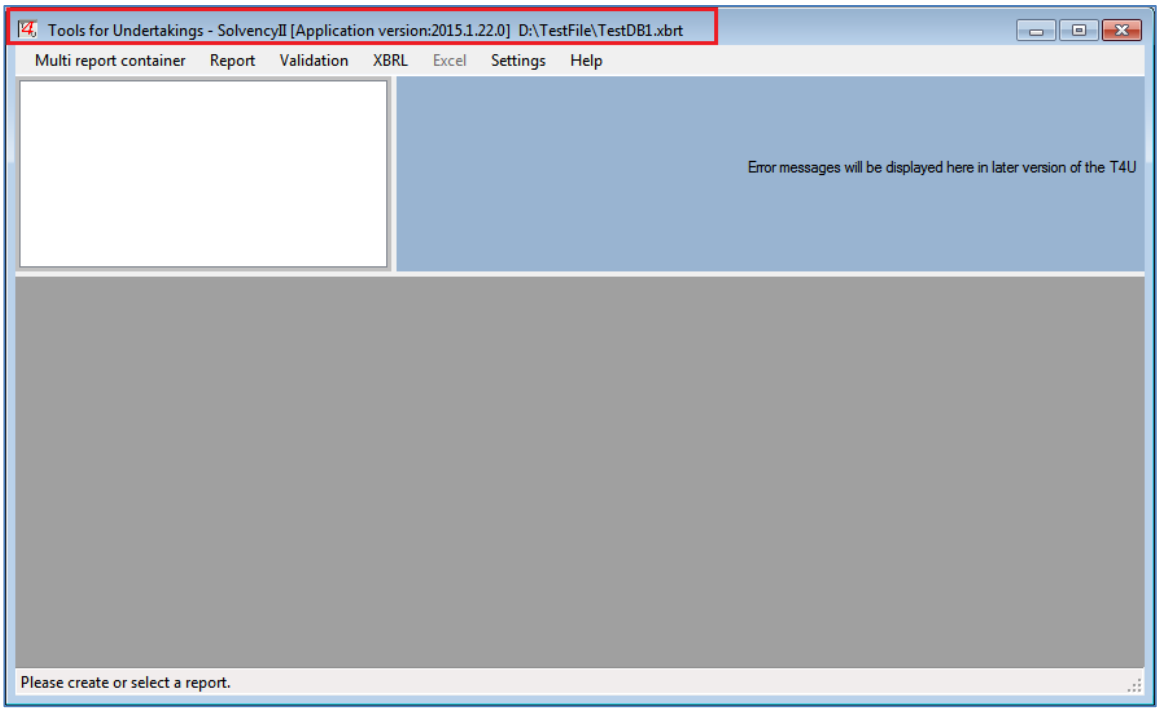
1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select the **Open multi report container** menu.
3. Locate the **container/XBRT** file location in the **Locate <<selected container type>> multi report container** dialog box.
4. Click "Open" to open the existing XBRT/container file. The user can verify the opened XBRT file in the top title bar of the application.



IV.3 Recent files

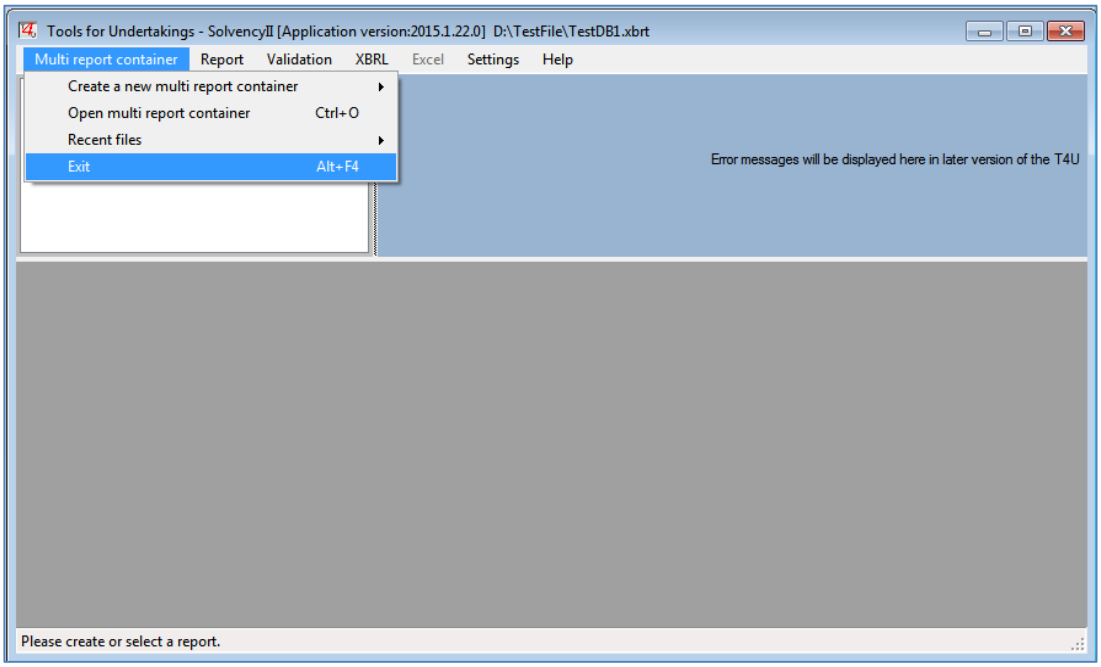
1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select the **Recent files** menu.
3. From the list of sub populated menu, select any one of the recent container file.
4. The user can verify the opened XBRT file in the top title bar of the application.





IV.4 Exit

1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select the **Exit** menu.
3. The application will get closed.



V Report

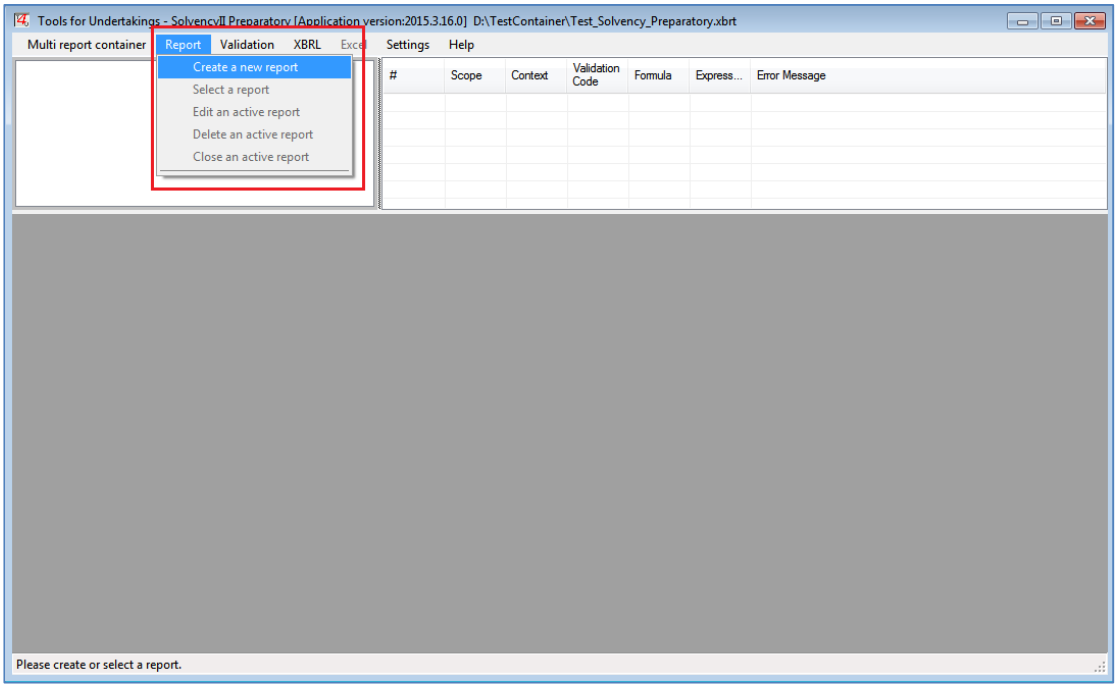
V.1 Create a new report

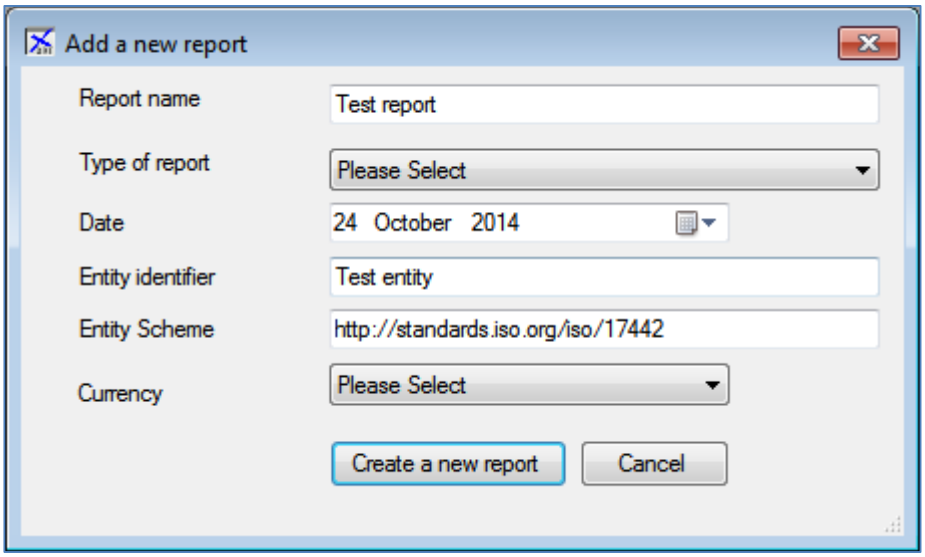
Prerequisite: The Container/File should be created before to create the report.

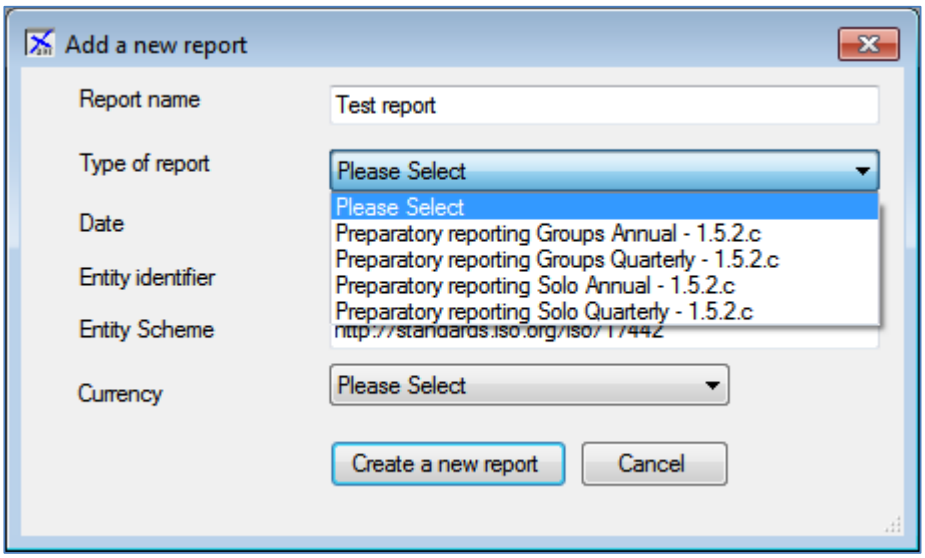
1. Select the **Report** menu
2. On the **Report** menu, select the **Create a new report** menu**.**
3. Provide the data for the required fields in the **Add New Report** dialog.
    - Internal report name
    - Type of report
    - Date
    - Entity ID
    - Currency
4. Click on **create new report**
5. The new report will be created then the available templates will be displayed in the left side tree view.

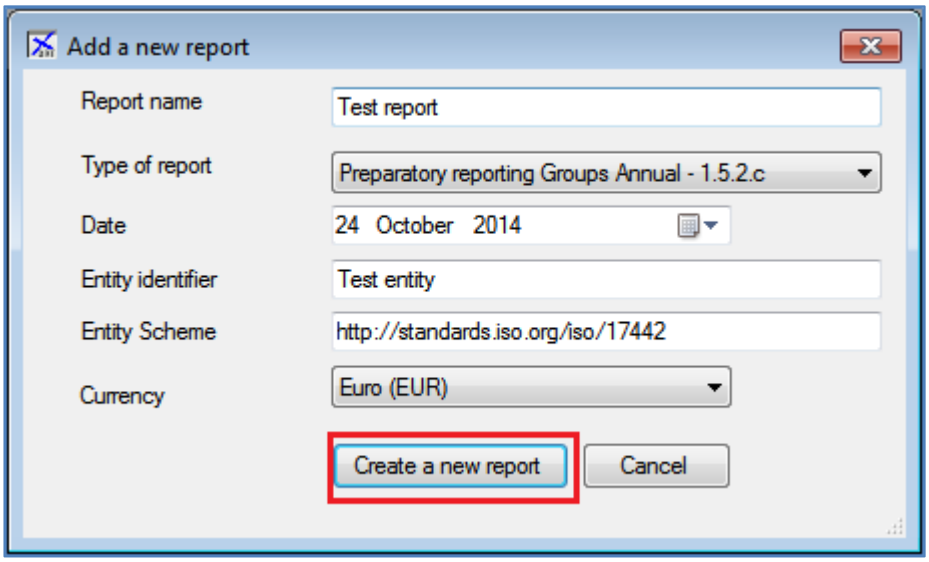
Note:

The user can select the **Module** from the Type of report dropdown.



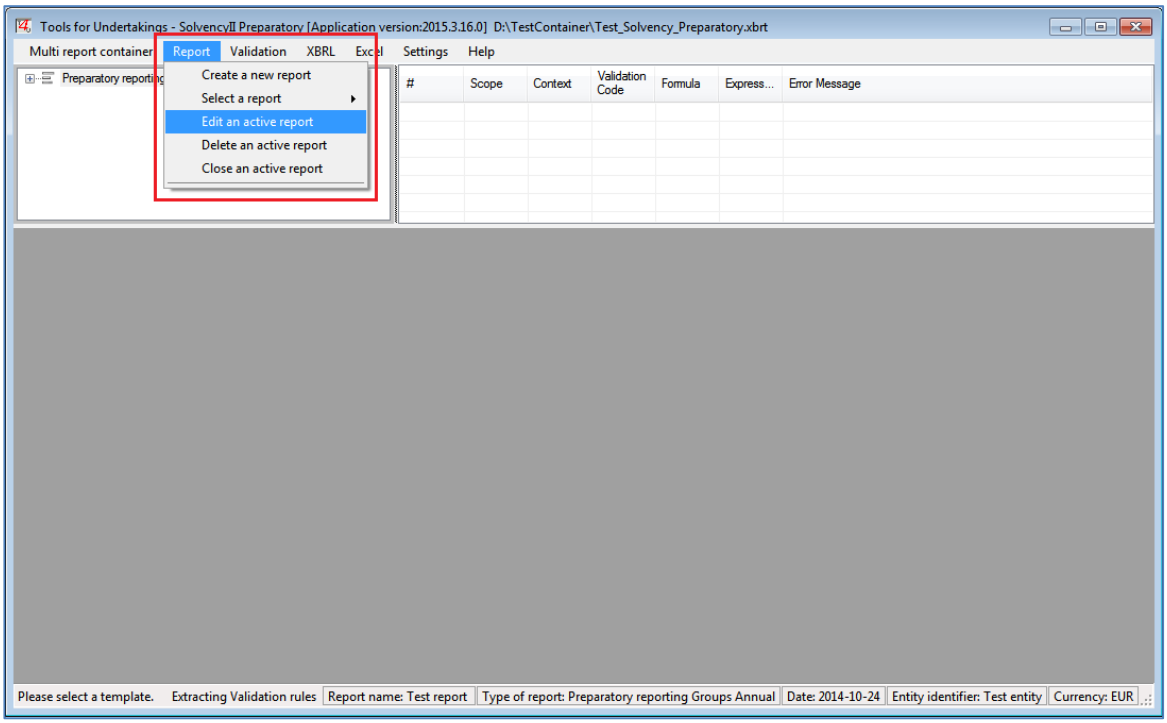

Add a new report
Report name
Test report
Type of report
Please Select
Date
24 October 2014
Entity identifier
Test entity
Entity Scheme
http://standards.iso.org/iso/17442
Currency
Please Select
Create a new report
Cancel

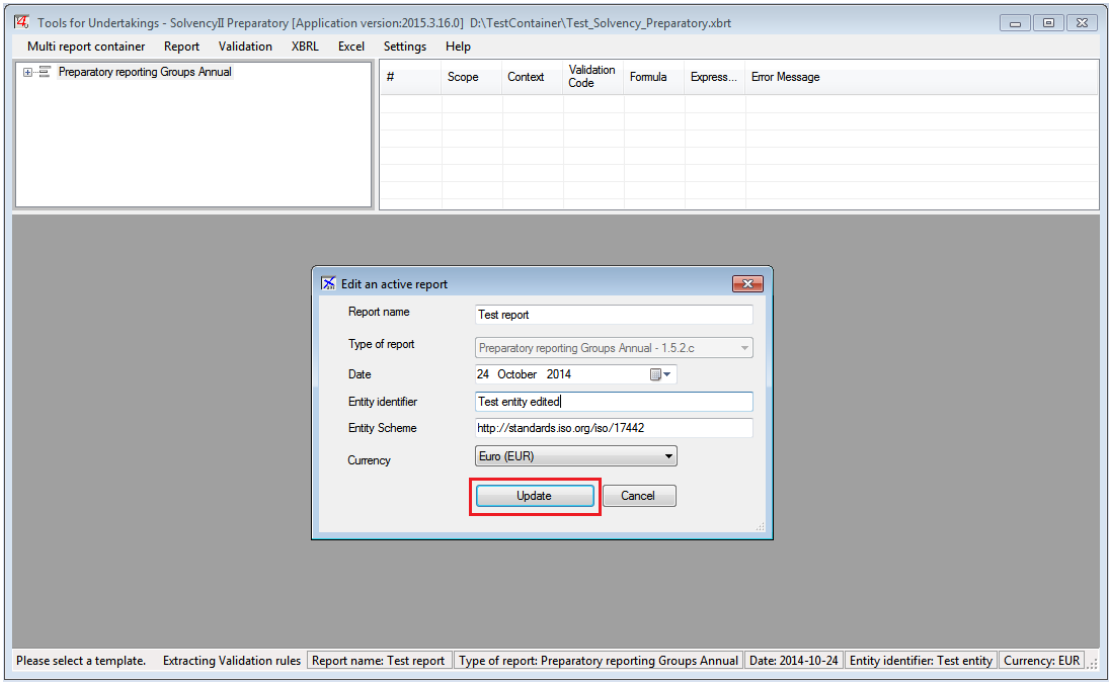

Add a new report
Report name
Test report
Type of report
Please Select
Please Select
Preparatory reporting Groups Annual - 1.5.2.c
Preparatory reporting Groups Quarterly - 1.5.2.c
Preparatory reporting Solo Annual - 1.5.2.c
Preparatory reporting Solo Quarterly - 1.5.2.c
Date
Entity identifier
Entity Scheme
Currency
Please Select
Create a new report
Cancel


Add a new report
Report name
Test report
Type of report
Preparatory reporting Groups Annual - 1.5.2.c
Date
24 October 2014
Entity identifier
Test entity
Entity Scheme
http://standards.iso.org/iso/17442
Currency
Euro (EUR)
Create a new report
Cancel

V.2 Edit an active report

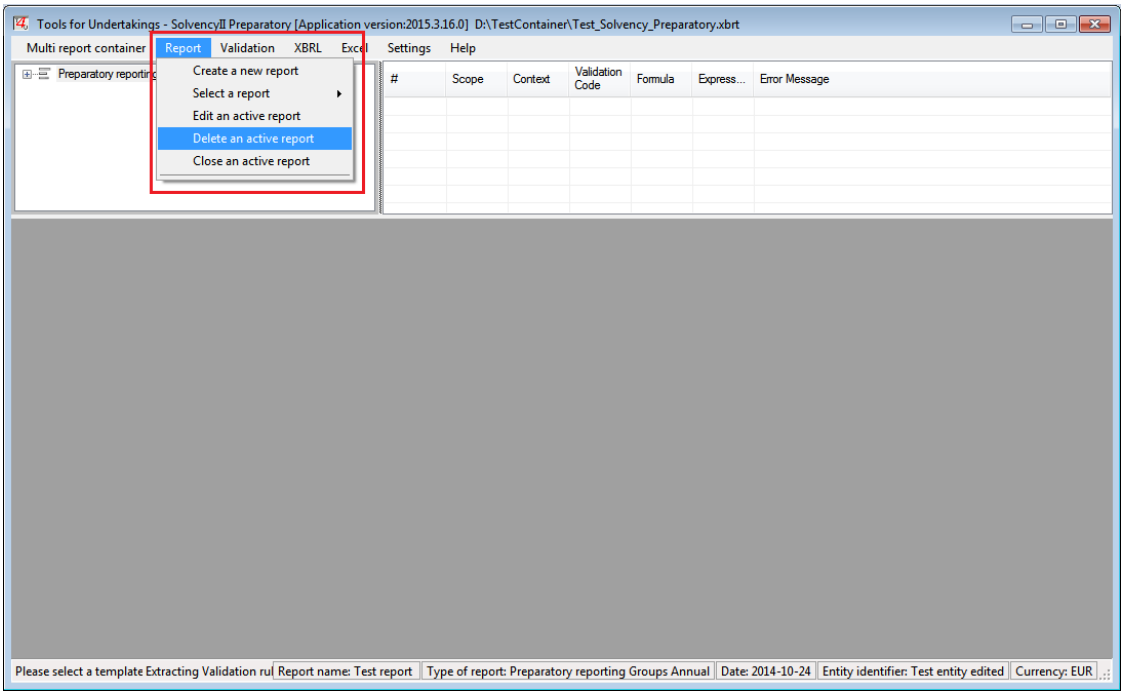
1. Select the **Report** menu
2. On the **Report** menu, select the **Edit an active report** menu.
3. Edit the provided data for the required fields in the **Edit an active report** dialog.
    - Internal report name
    - Type of report
    - Date
    - Entity ID
    - Currency
4. Click on **Update** button**.**
5. The new report will be created then the available templates will be displayed in the left side tree view.





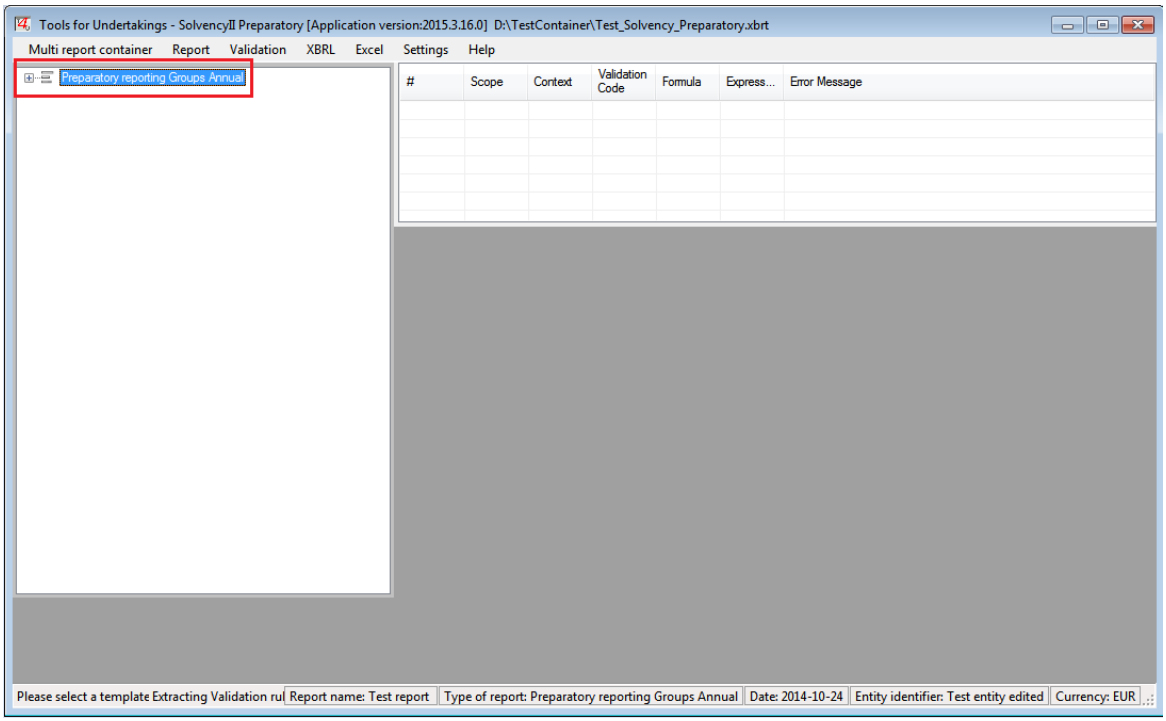
V.3 Delete an active report

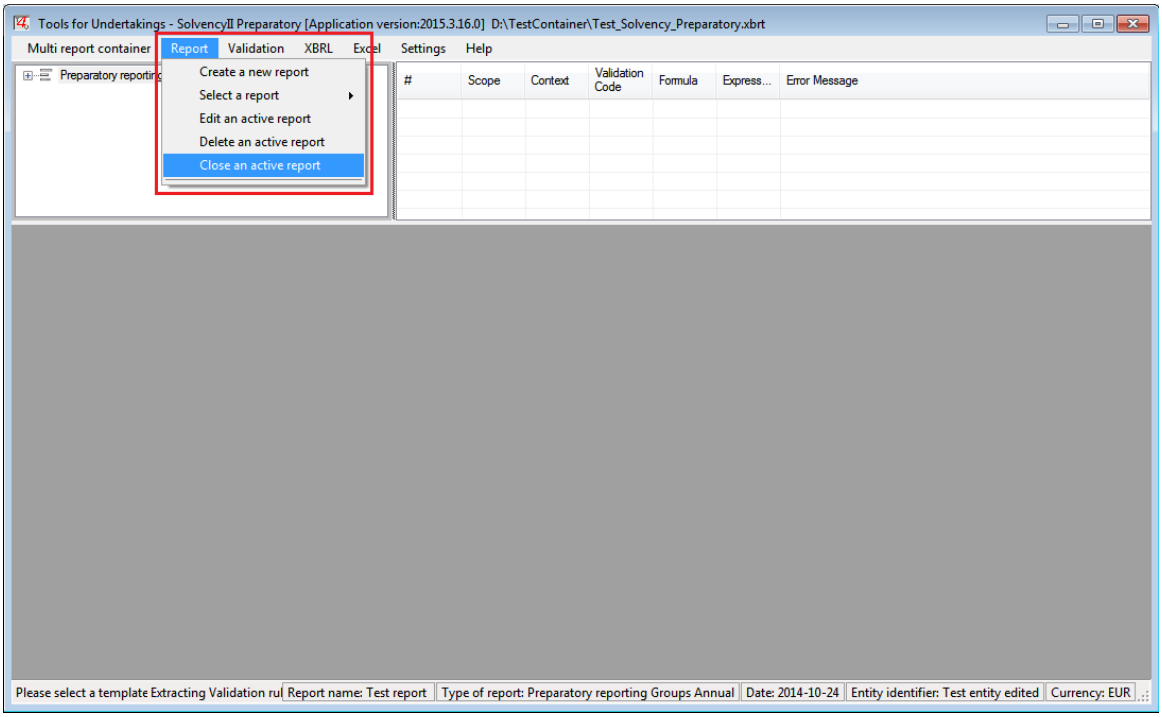
1. Select the **Report** menu
2. On the **Report** menu, select the **Delete an active report** menu**.**
3. Click **yes** on the confirmation dialog.



V.4 Close an active report

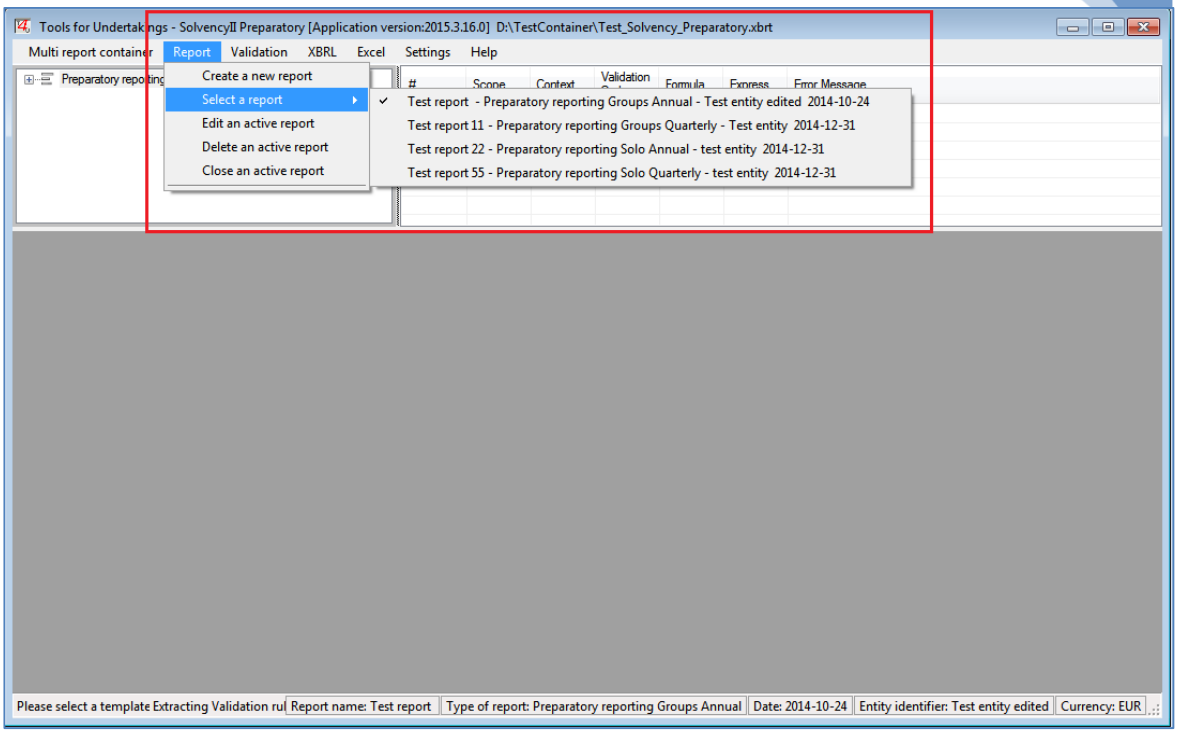
1. Select the **Report** menu
2. On the **Report** menu, select the **Close an active report**.
3. The current active report will get closed.





V.5 Select a report

1. Select the **Report** menu
2. On the **Report** menu, select the **Select a report** menu.
3. From the list of sub populated menu the user can select any one of the report".
4. Then the selected report will get populated.



VI Validation

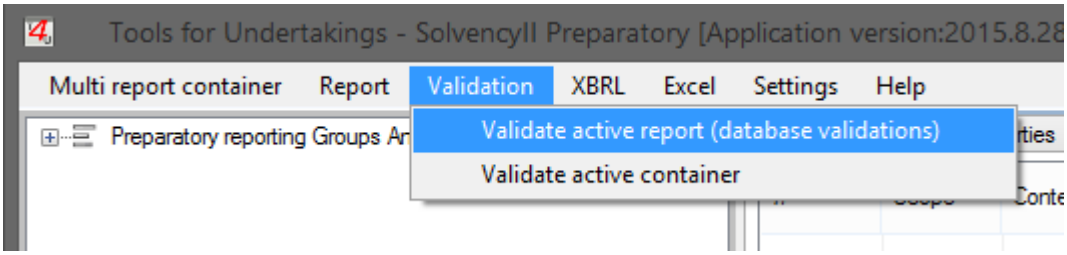
VI.1 Validate active report (database validations)

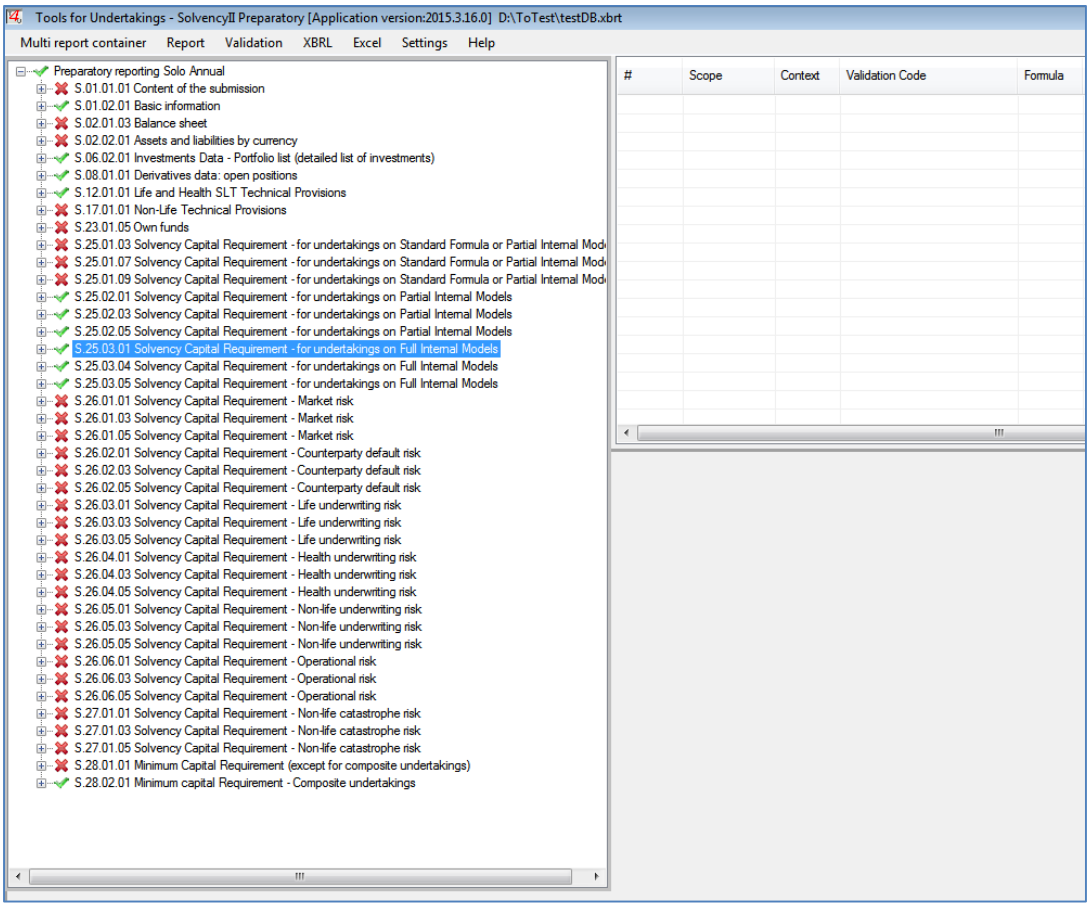
Validate active report feature validates the entered value/data against the Taxonomy business rules.

1. Select the **Validation** menu
2. On the **Validation** menu, select the **Validate active report (database validations)** menu.
3. Read the information provided in the pop-up window and click "OK".
4. It will validate the current report against the stored Taxonomy business rules.

If the validation fails, the **failed** modules/tables are highlighted with the symbol.

If the validation pass, the **passed** modules/tables are highlighted with the symbol.





Error scenario example:

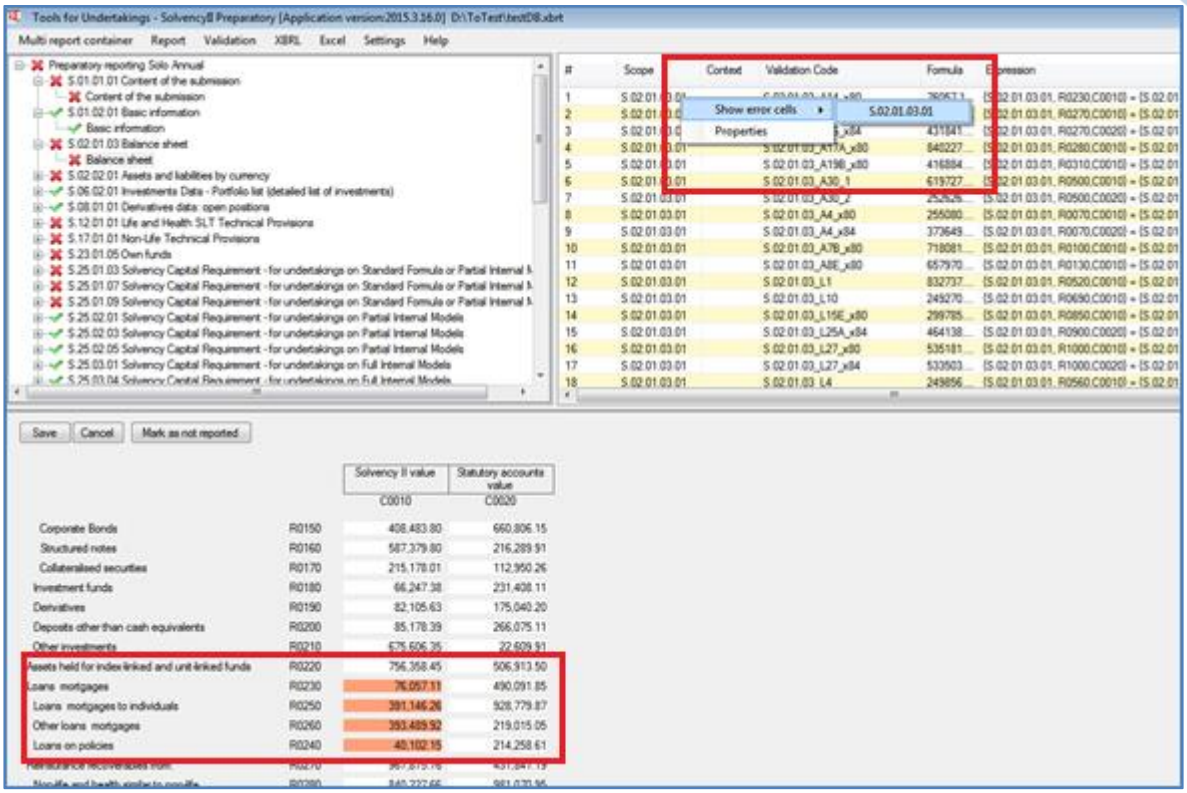
Table: Balance Sheet 02.01.03.01

Formula to calculate Loan mortgages:
Loan mortgages = {Loan mortgages to individuals
+ (ADD)
Other Loans mortgages
+ (ADD)
Loans on policies}

If the Loan mortgages amount should be addition Loan mortgages to individuals, Other Loans mortgages & Loans on policies. If not, the validation will get failed in the respective table.

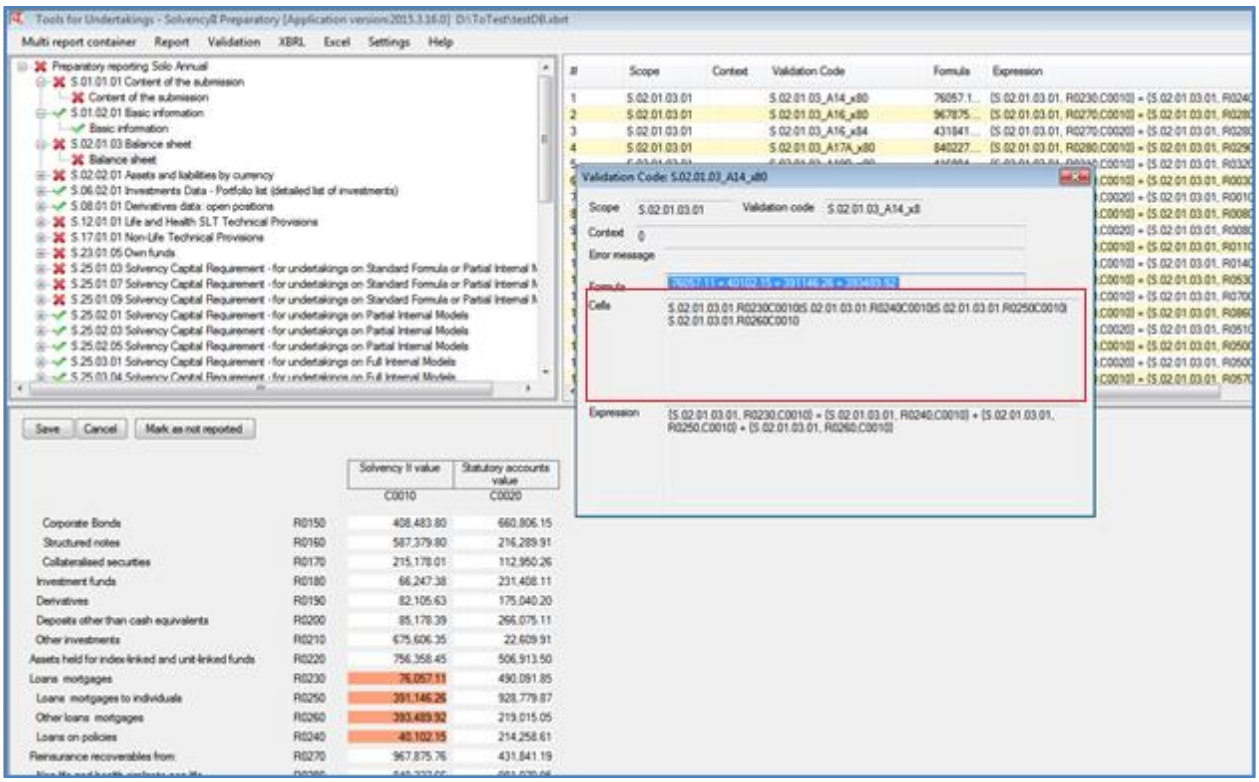
Finding error fields in Windows T4U:

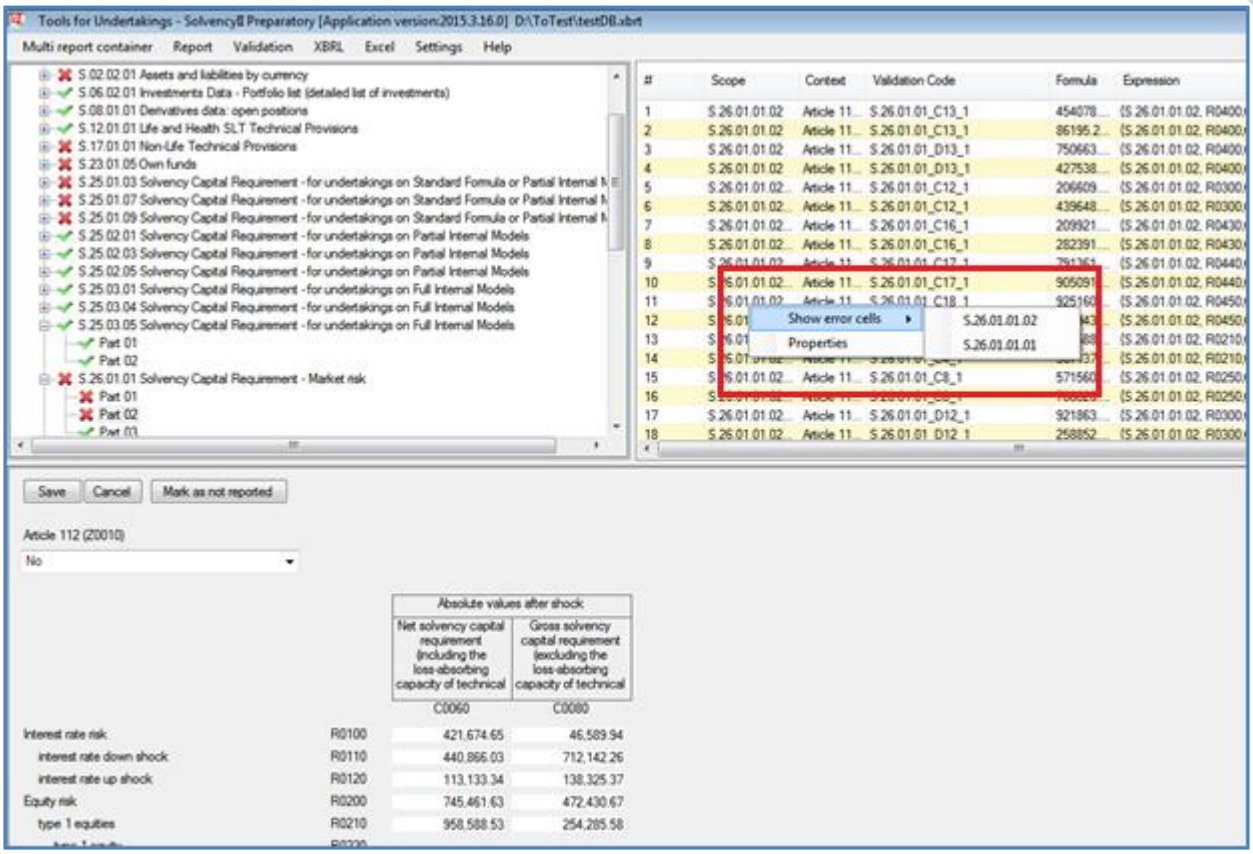
1. Right click on the row from the validation results select the **Show error cells**
2. Select the table (**Note**: if the error fields is cross referenced more than the one table then the list of referenced tables will be populated in the menu)
3. The error fields will be highlighted in the table forms



Finding the Business rule details:

1. Right click on the row from the validation results select the **Properties**
2. **Cells** will provide the list of error occurred row & columns in the form
3. **Expression** will provide business rule aligned with row & columns in the form





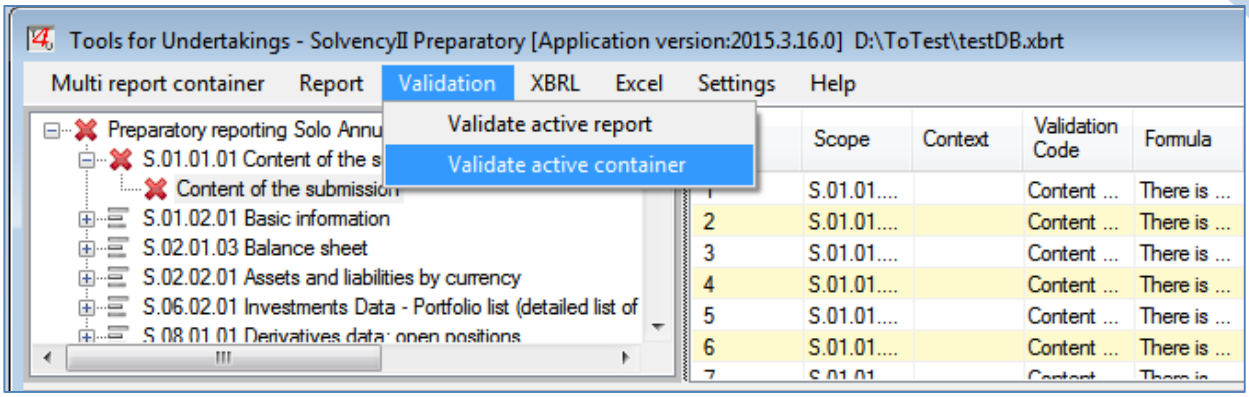
VI.2 Validate active container

Validate active report feature validates the entered value against the DPM (Data Point Model) Schema /data type.

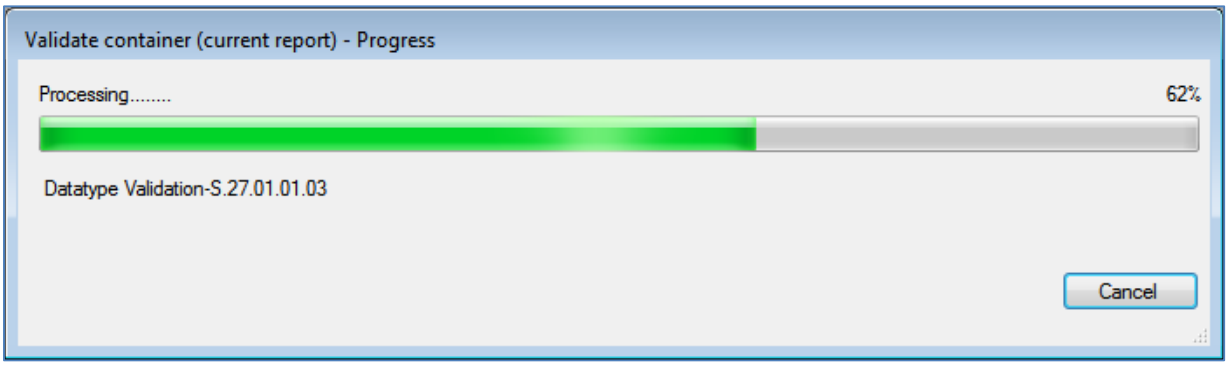
The user can use custom ETL to load the Solvency II container with data, there is a chance to load the invalid data in the table, validate active container feature will detects the invalid data.

Example:

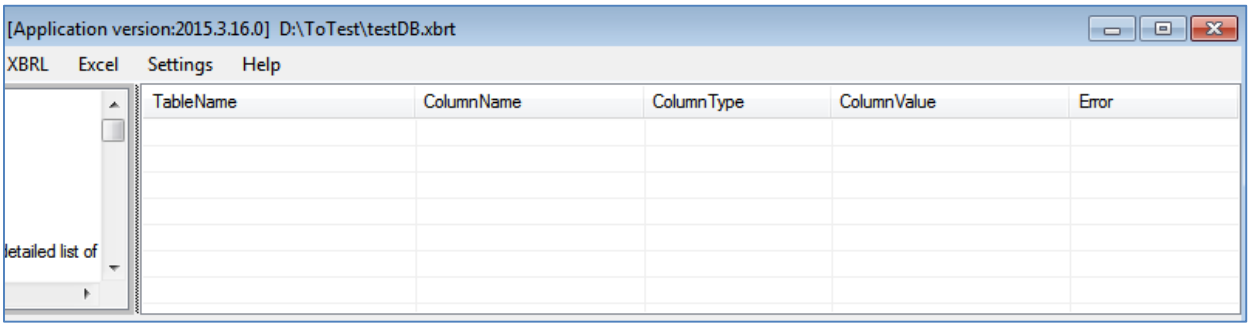
1. Select the **Validation** menu
2. On the **Validation** menu, select the **Validate active container** menu.
3. The validation progress could take more time, it depends upon the amount of data loaded in the container.



Progress:



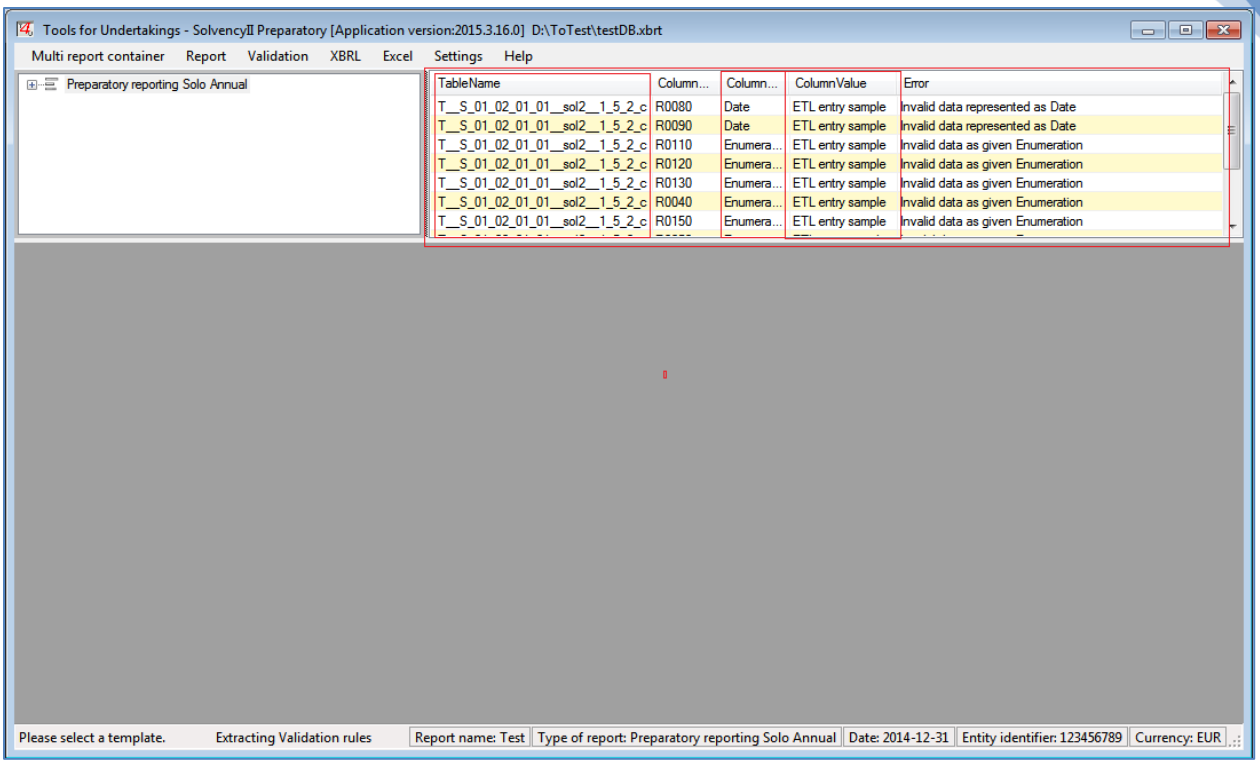
Container without any errors (validation is successful):



Container With errors (validation failed):

Scenario (the below window will be shown if any errors occurs during validation):

Example: The text **ETL entry sample entered** in the date field& enumerated columns.



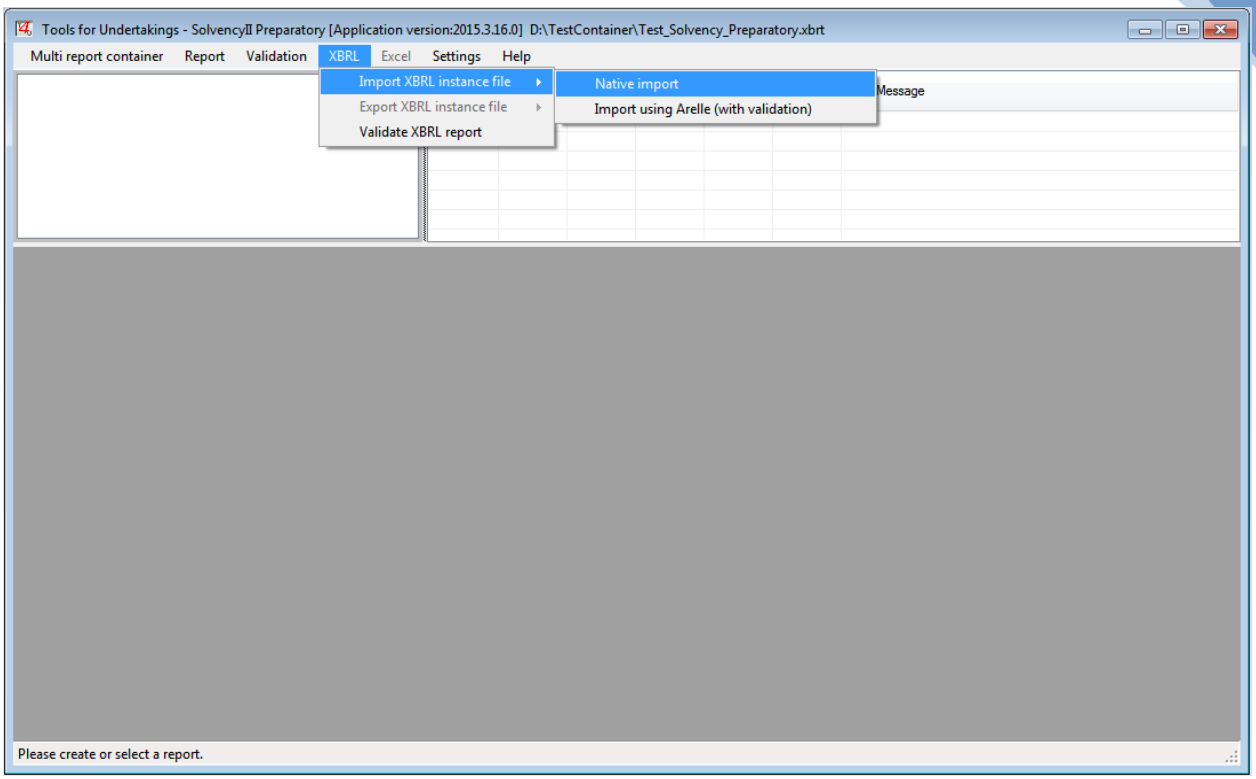
VII XBRL

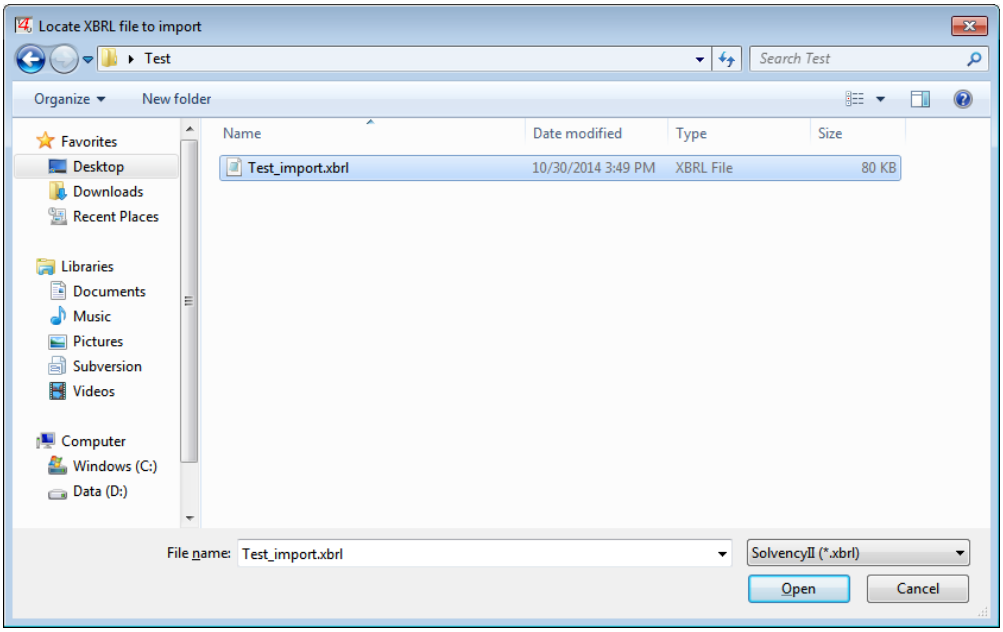
VII.1 Import XBRL instance file

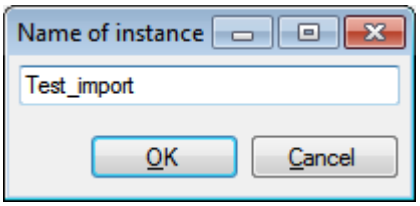
VII.1.1 Native import

Prerequisite: The Container/File should be created before to import the report.

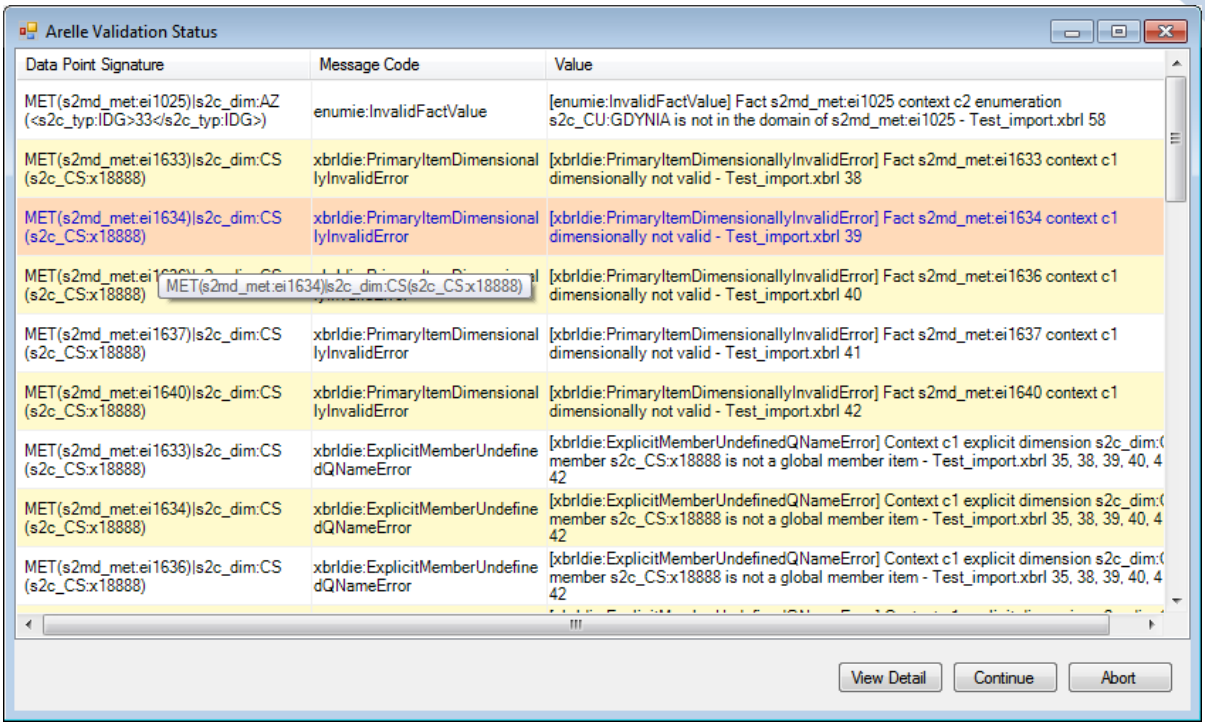
1. Select the **XBRL** menu.
2. On the **XBRL** menu, select the **Import XBRL instance file** menu.
3. From the list of sub populated menu, select **Native import** menu to import the XBRL instance file.
4. Locate the XBRL file in the **Locate XBRL file to import** dialog box.
5. Click Open.
6. Provide the report/instance name in the **Name of the instance** window.
7. **Arelle Validation Status** window will provide the validation results for the import operation if any error occurred**.**
8. After the successful import operation the imported instance will be populated in the left side.
9. The user can verify the named instance in the **Report → Select report** sub menu







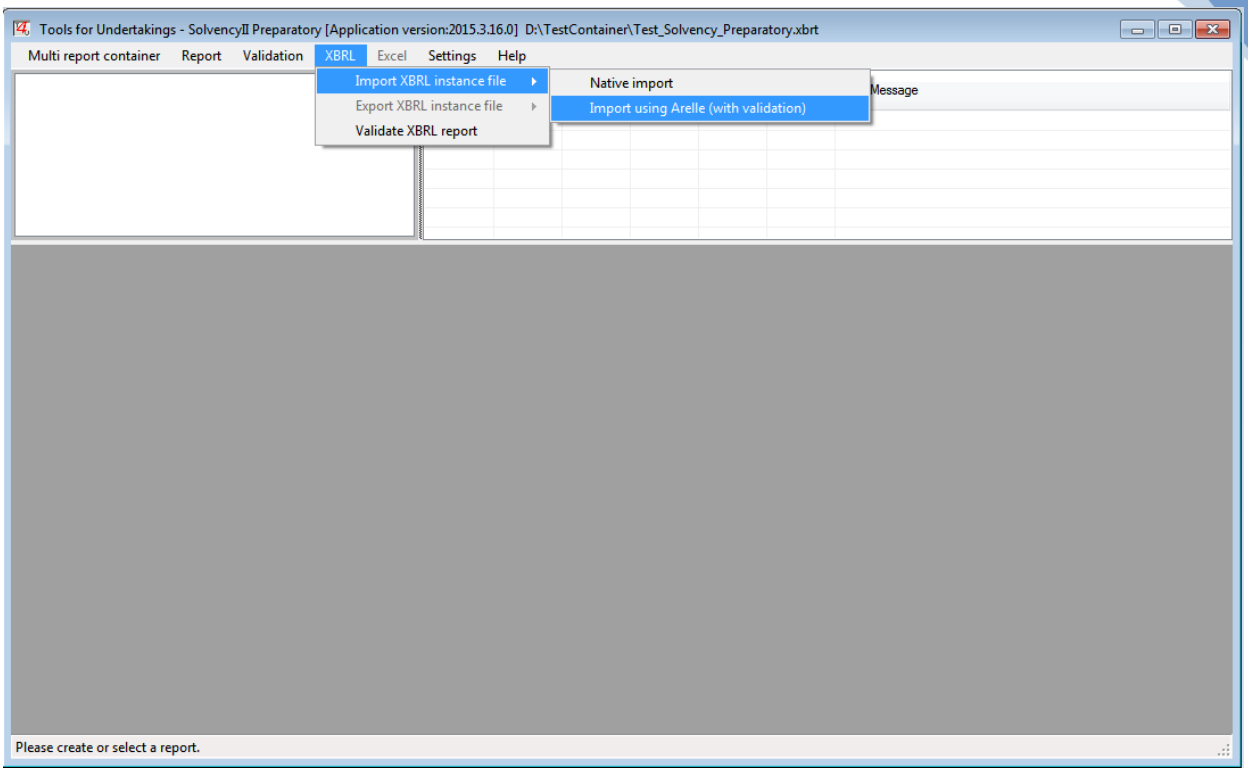
Scenario (the below window will be shown if any errors occurs during import operation):

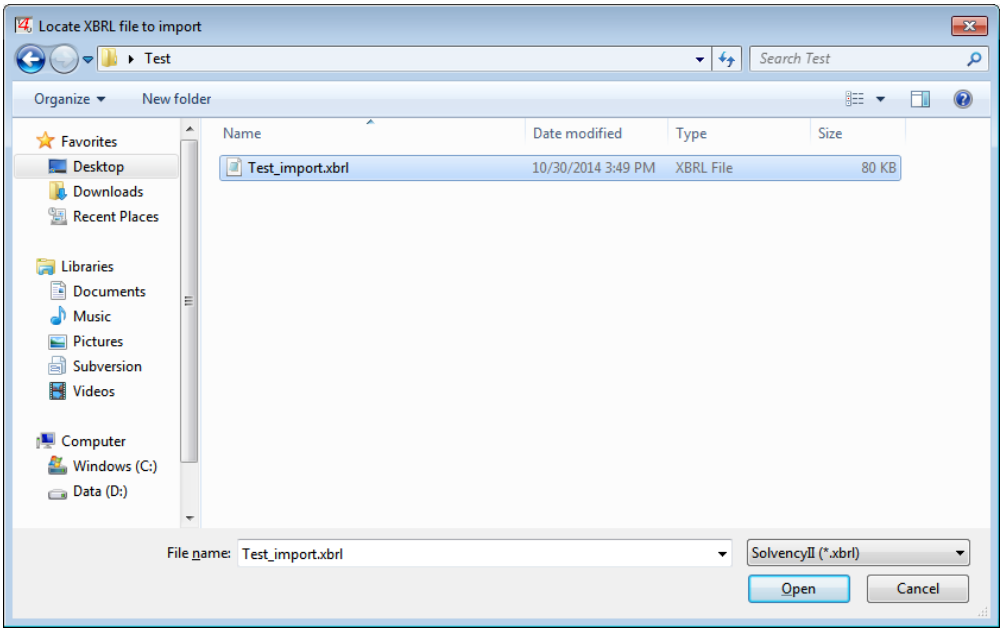


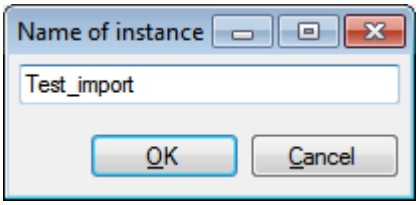
VII.1.2 Import using Arelle (with validation)

<u>Prerequisite</u>: The Container should be created before to import the report.

1. Select the XBRL menu.
2. On the **XBRL** menu, select the **Import XBRL instance file** menu.
3. From the list of sub populated menu, select **Import using Arelle (with validation)** menu to import the XBRL instance file.
4. Locate the XBRL file in the **Locate XBRL file to import** dialog box.
5. Click Open.
6. Provide the report/instance name in the **Name of the instance** window.
7. **Arelle Validation Status** window will provide the validation results for the import operation if any error occurred**.**
8. After the successful import operation the imported instance will be populated in the left side.
9. The user can verify the named instance in the **Report ➔ Select report** sub menu



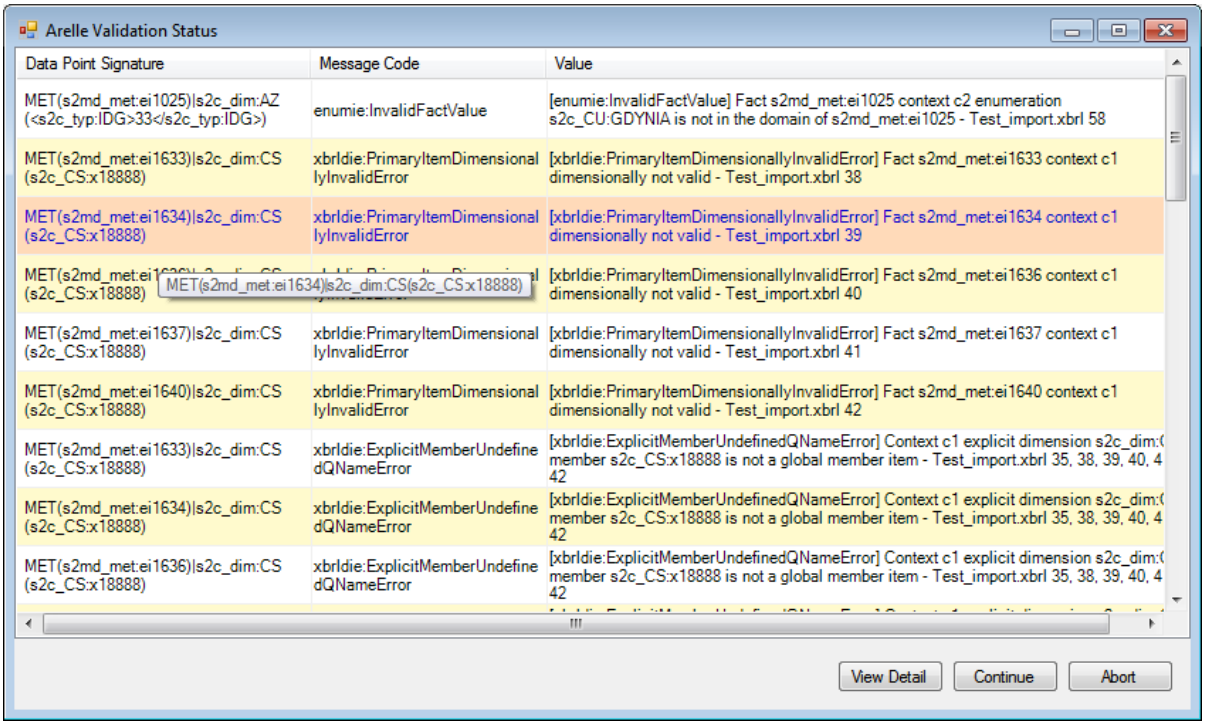




Progress:

The user can verify the validation process in the status bar.

Scenario (the below window will be shown if any errors occurs during import operation):

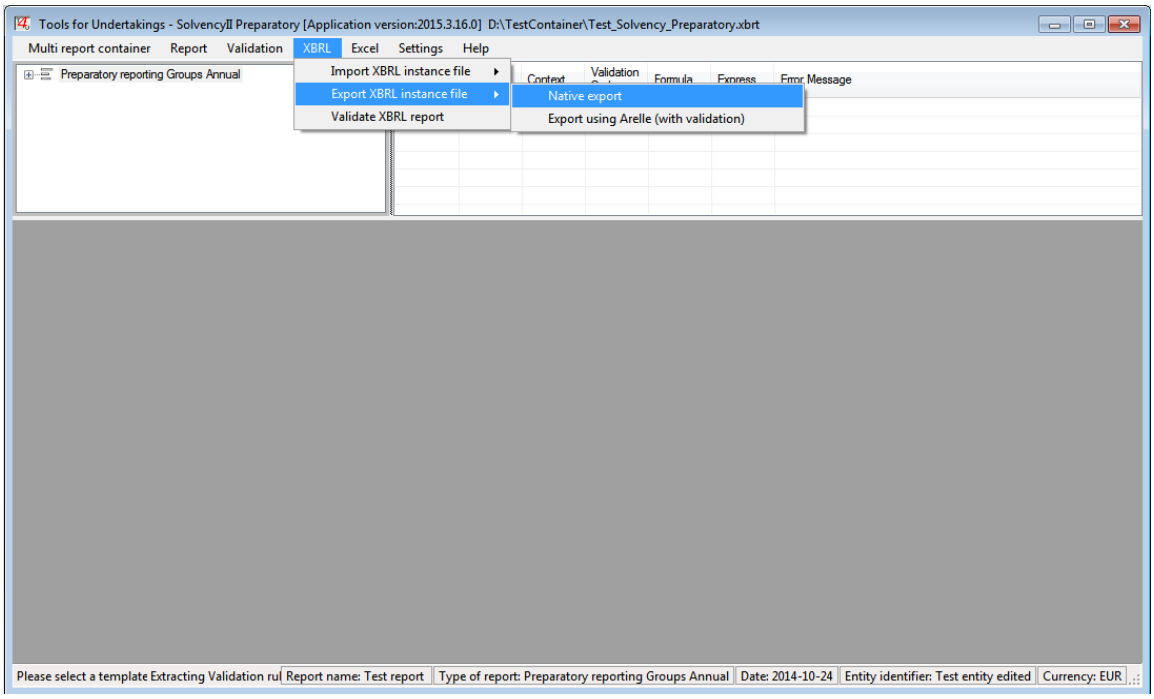


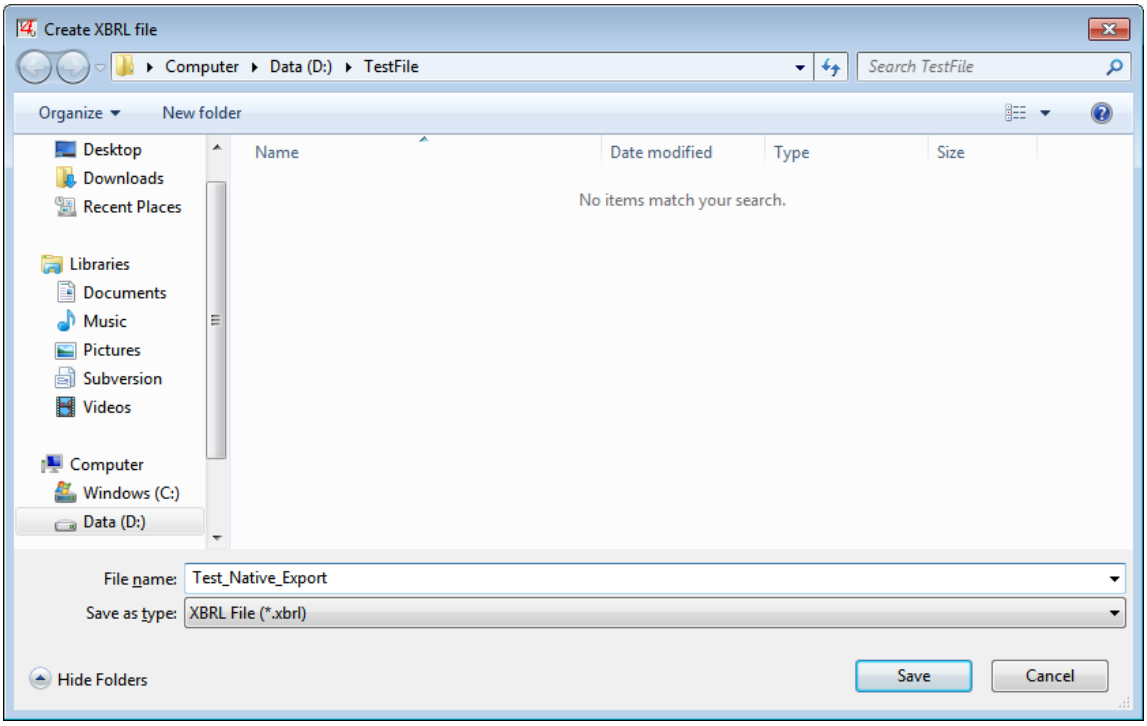
VII.2 Export XBRL instance file

VII.2.1 Native export

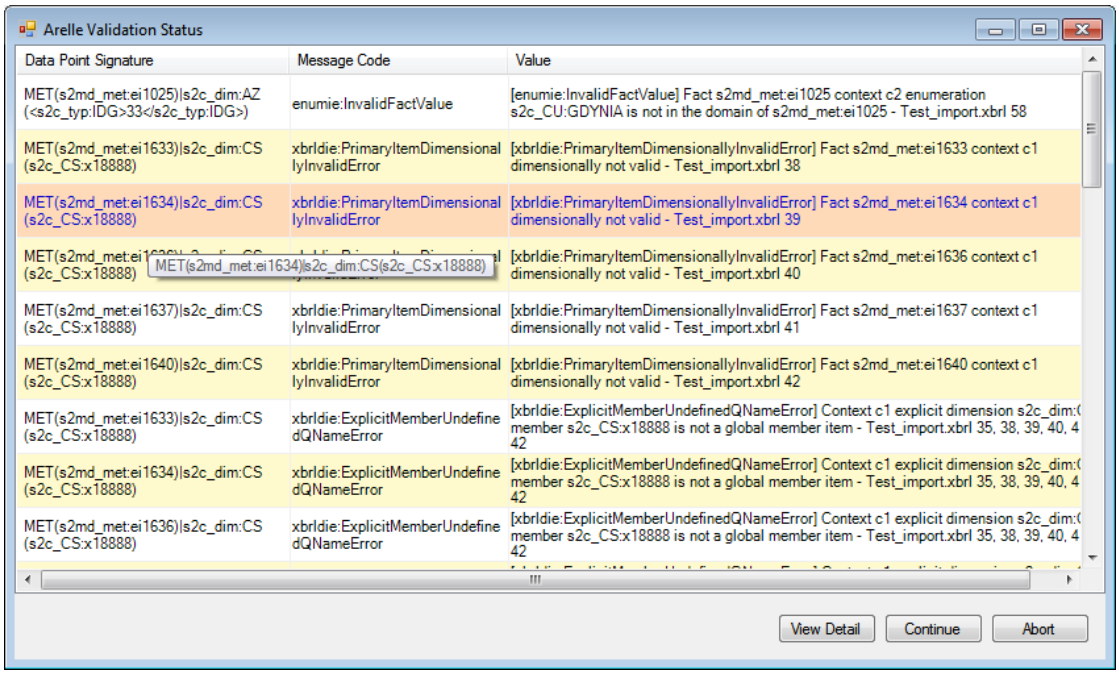
Prerequisite: The report should be created before to export the report.

1. Select the **XBRL** menu.
2. On the **XBRL** menu, select the **Export XBRL instance file** menu.
3. From the list of sub populated menu, select the **Native export** to export the XBRL instance file.
4. Provide the filename in the **Export XBRL file** dialog box.
5. Click **Save**.
6. **Arelle Validation Status** window will provide the validation results for the export operation if any error occurred**.**
7. After the successful export the XBRL file will get generated in the specified location.

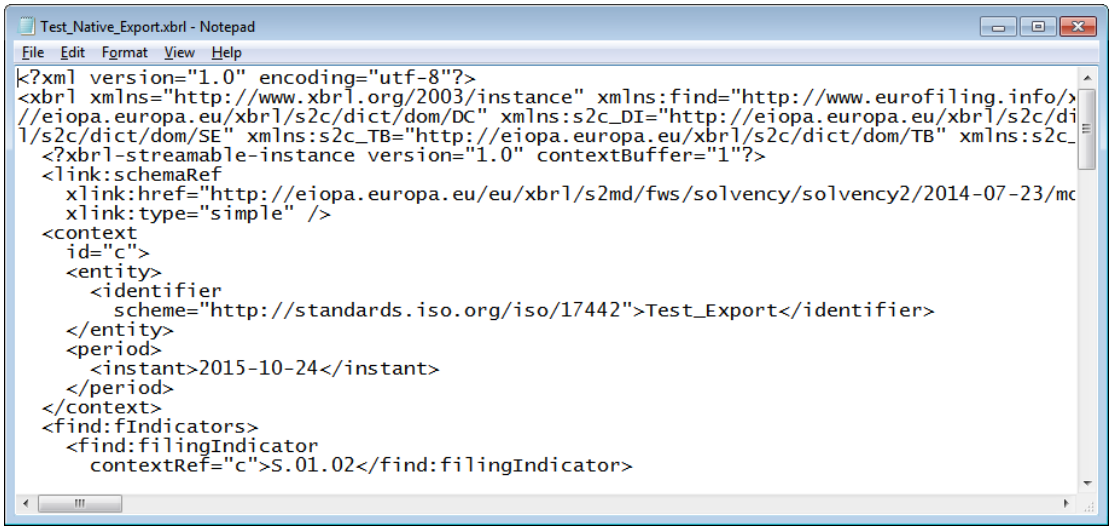




Scenario (the below window will be shown if any errors occurs during export operation):



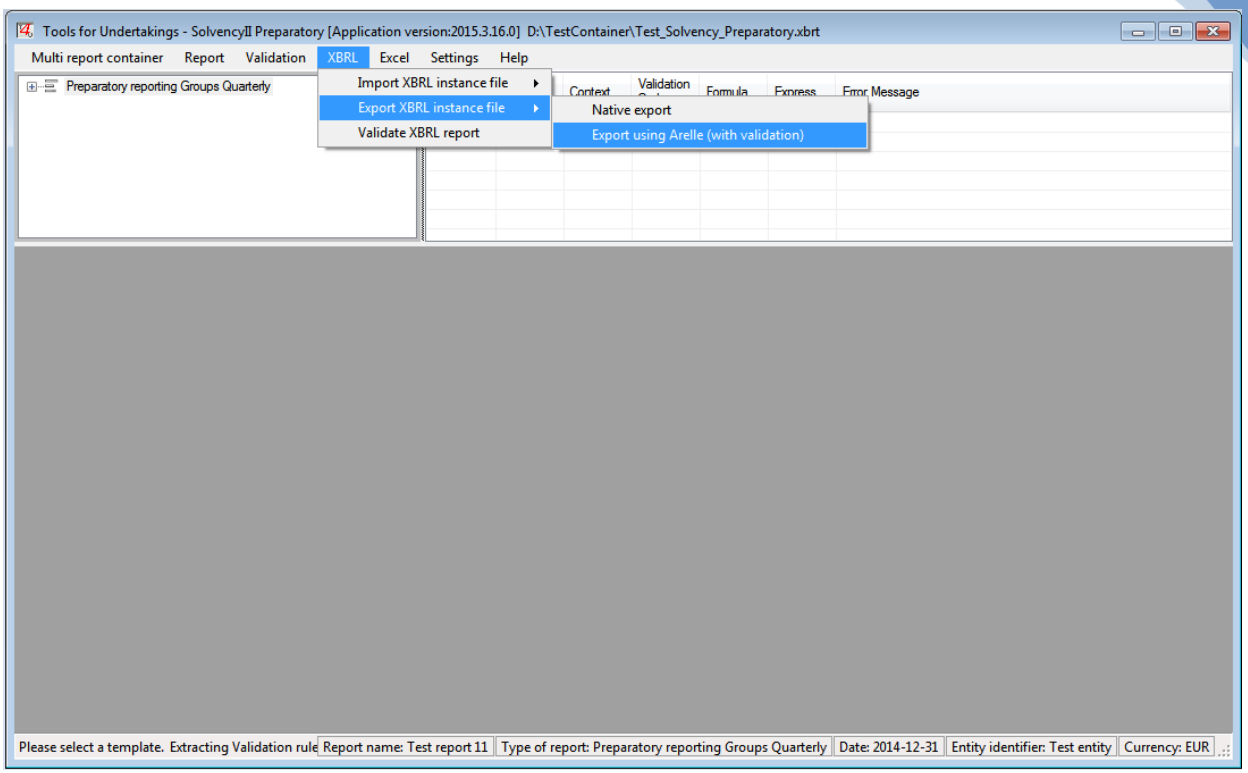
Sample generated XBRL file

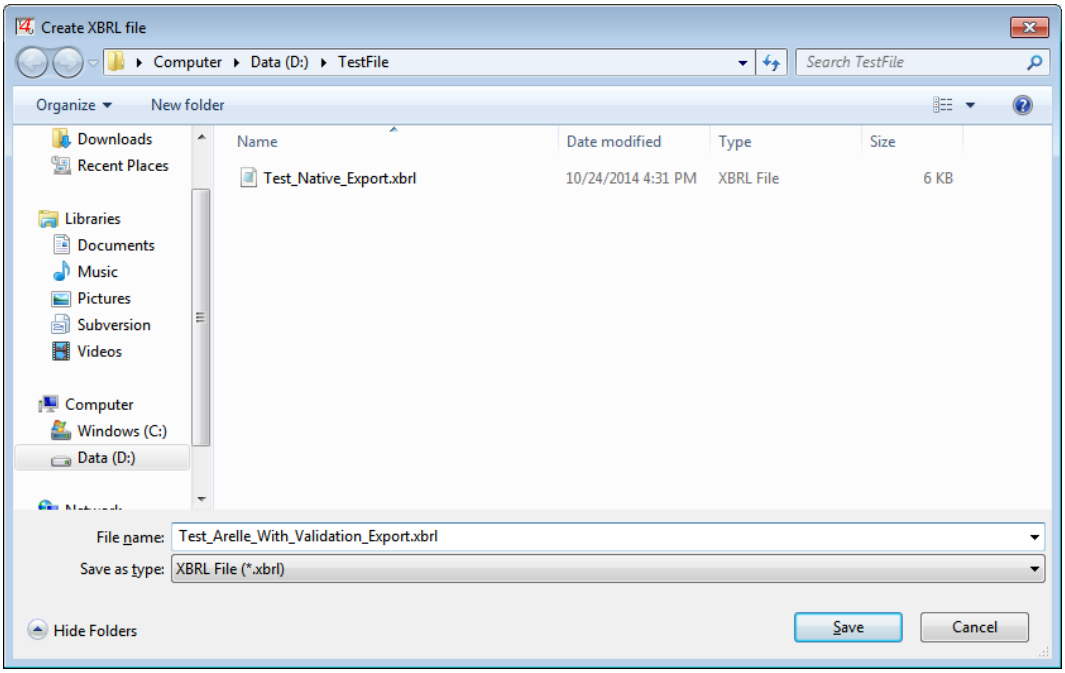


VII.2.2 Export using Arelle (with validation)

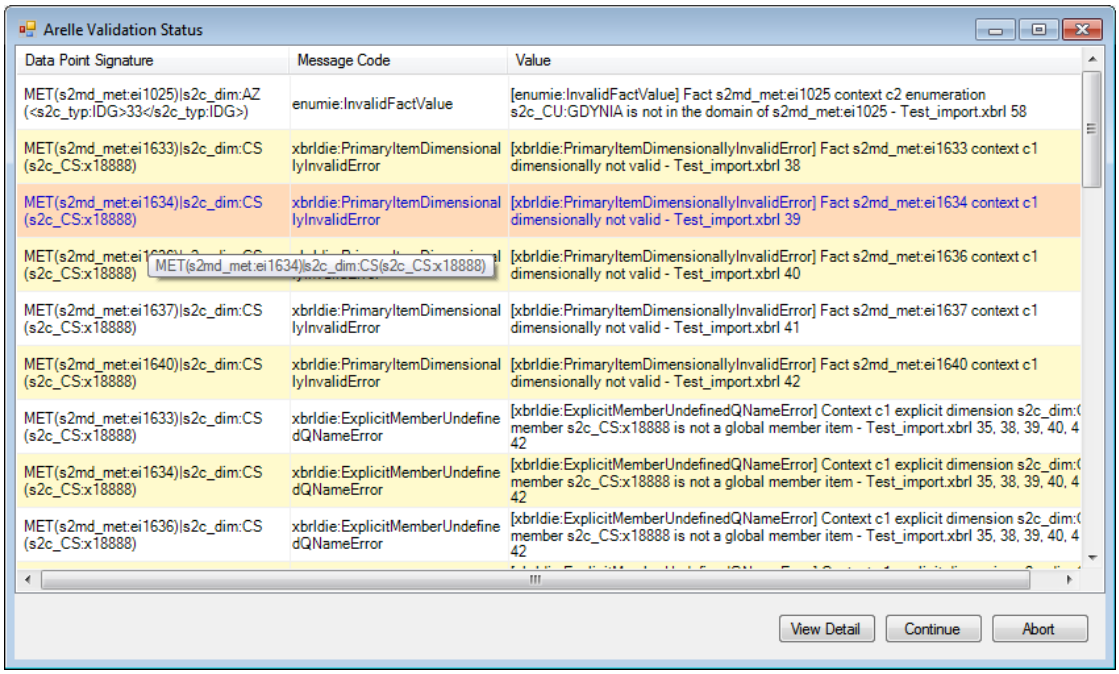
Prerequisite: The report should be created before to export the report.

1. Select the **XBRL** menu.
2. On the **XBRL** menu, select the **Export XBRL instance file** menu.
3. From the list of sub populated menu, select the **Export using Arelle (with validation)** to export the XBRL instance file.
4. Provide the filename in the **Create XBRL file** dialog box.
5. Click **Save**
6. **Arelle Validation Status** window will provide the validation results for the export operation**.**
7. After the successful export the XBRL file will get generated in the specified location.

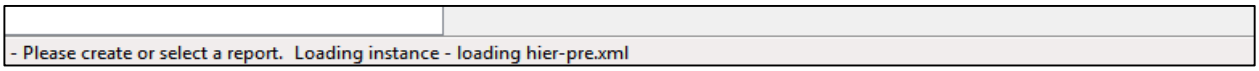




Scenario (the below window will be shown if any errors occurs during export operation):



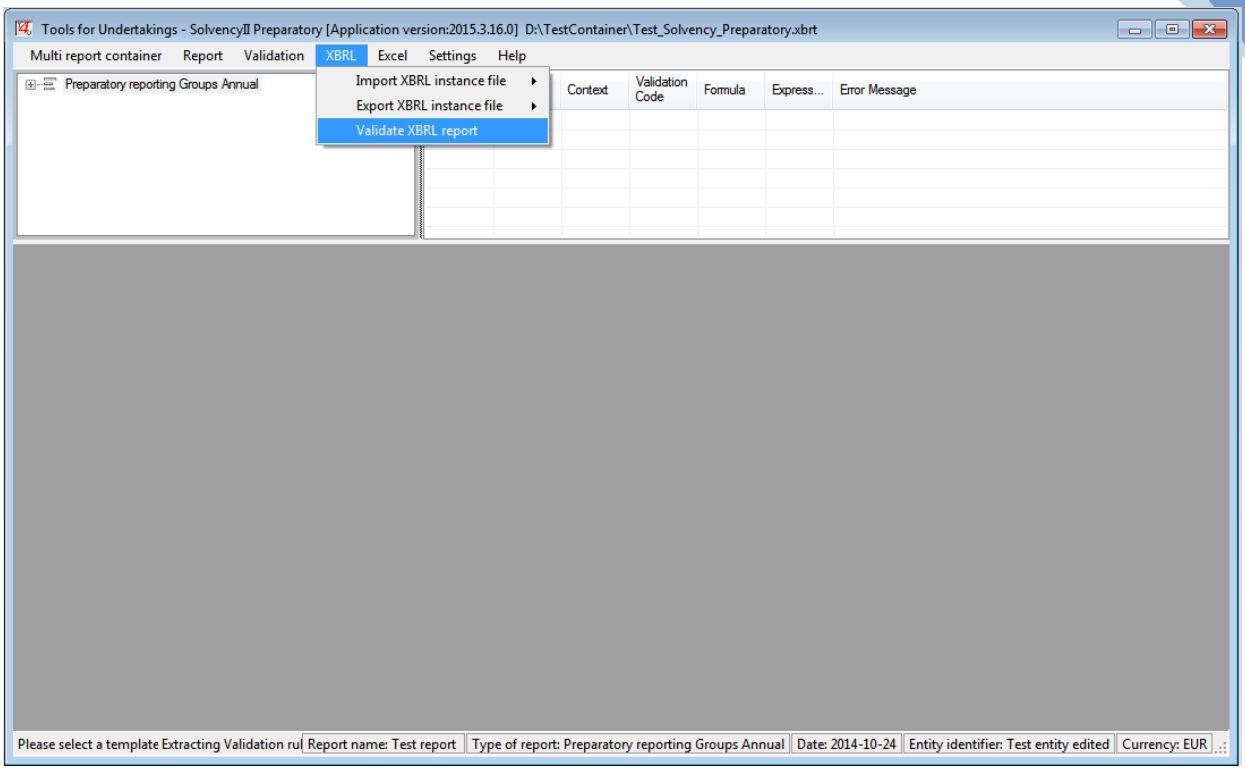
Progress:
The user can verify the validation process in the status bar.

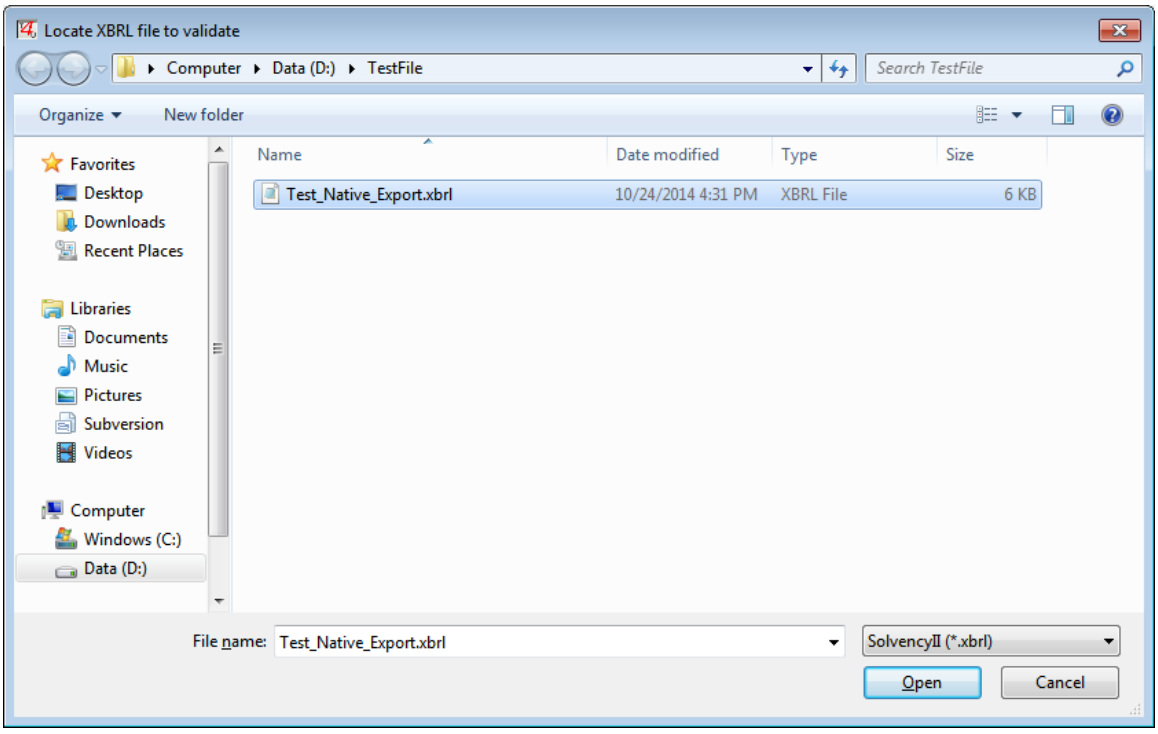


VII.3 Validate XBRL report

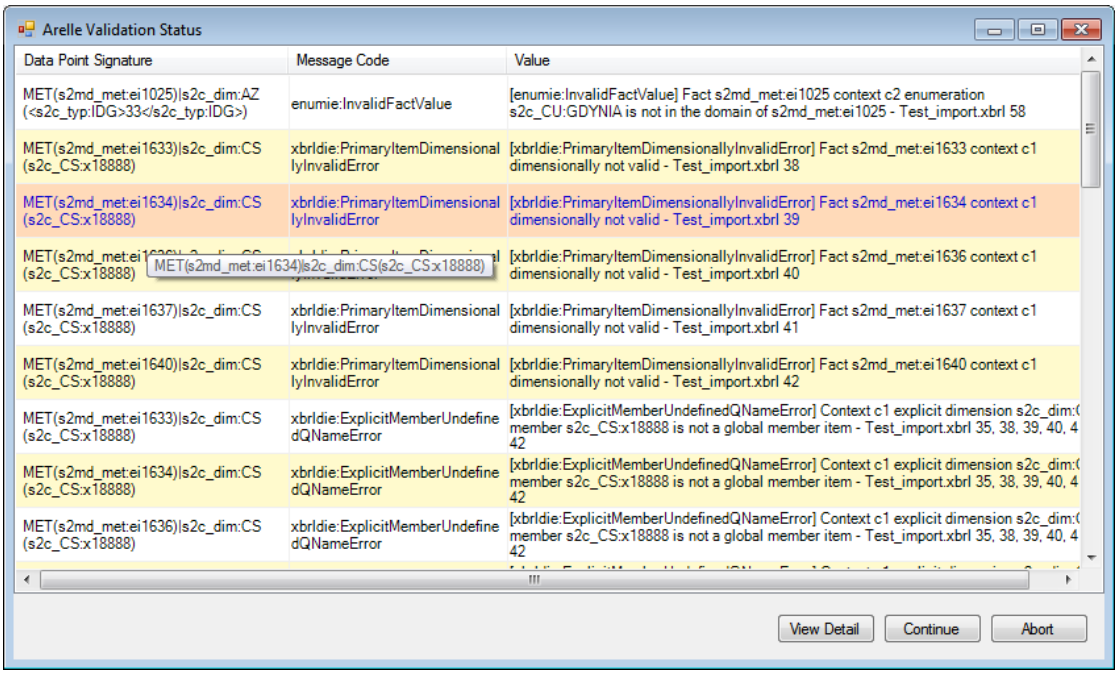
Prerequisite: The report should be created before to validate the report.

1. Select the **XBRL** menu.
2. On the **XBRL** menu, select the **Validate XBRL report** menu.
3. Select the file in the "Locate XBRL file to Validate" dialog box.
4. Click **Open** to validate the XBRL file.
5. **Arelle Validation Status** window will provide the validation results for the specified instance if any error occurred.





Scenario (the below window will be shown if any errors occurs during validation):

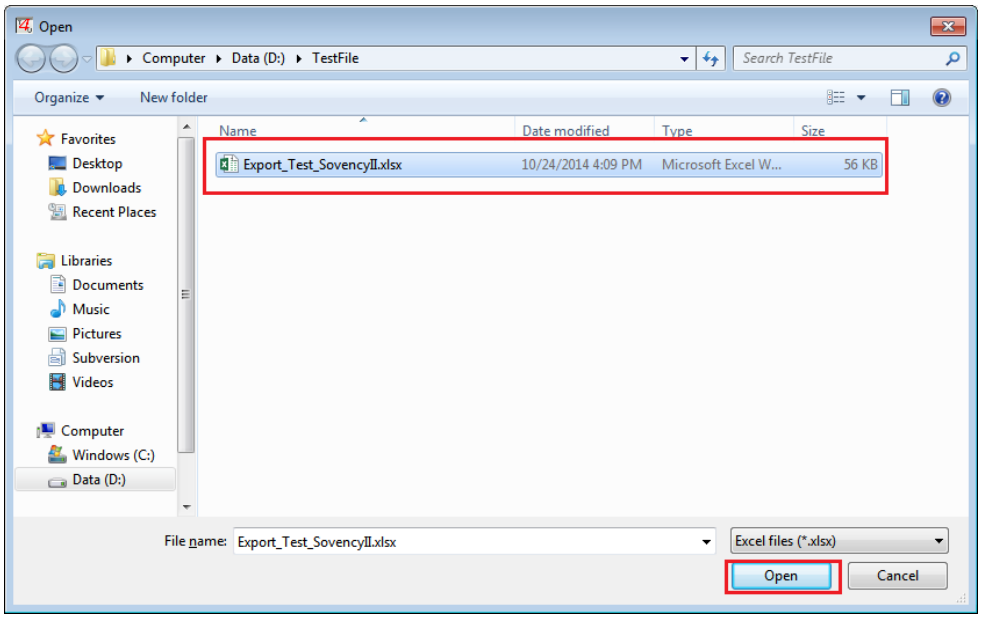


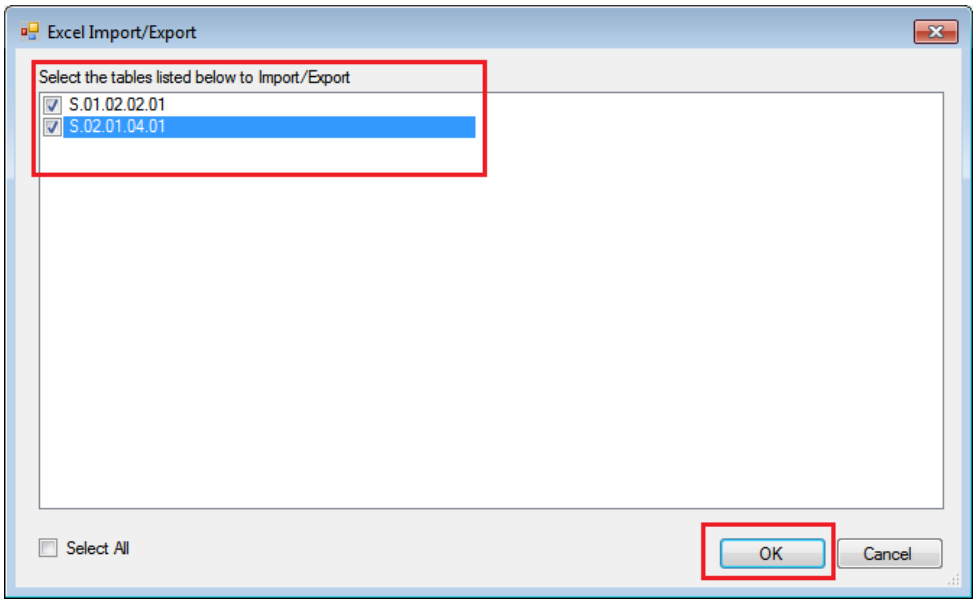
VIII Excel

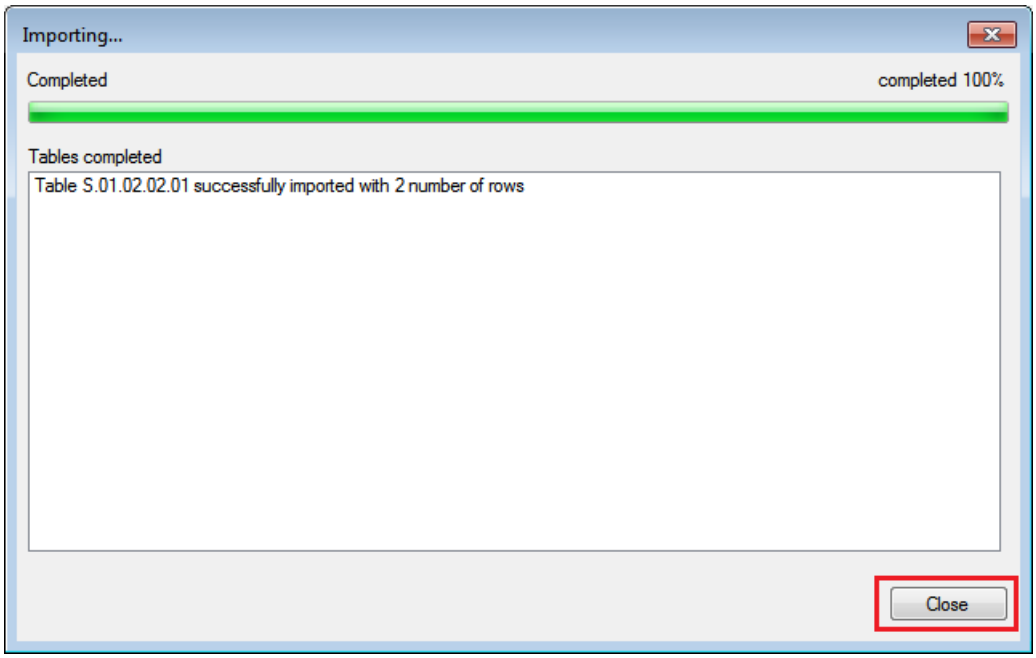
VIII.1 Import data from basic Excel template

Prerequisite: The report should be created before, to import the data from excel.

1. Select the **Excel** menu.
2. On the **Excel** menu, select **Import data from basic Excel template** menu.
3. Select the excel file to import in the **Open** dialog box.
4. Choose the tables to get imported from the **Excel Import/Export** dialog box.
5. Click OK to start the import operation.
6. After the successful import operation the user can verify the values in the table from the left side tree view.







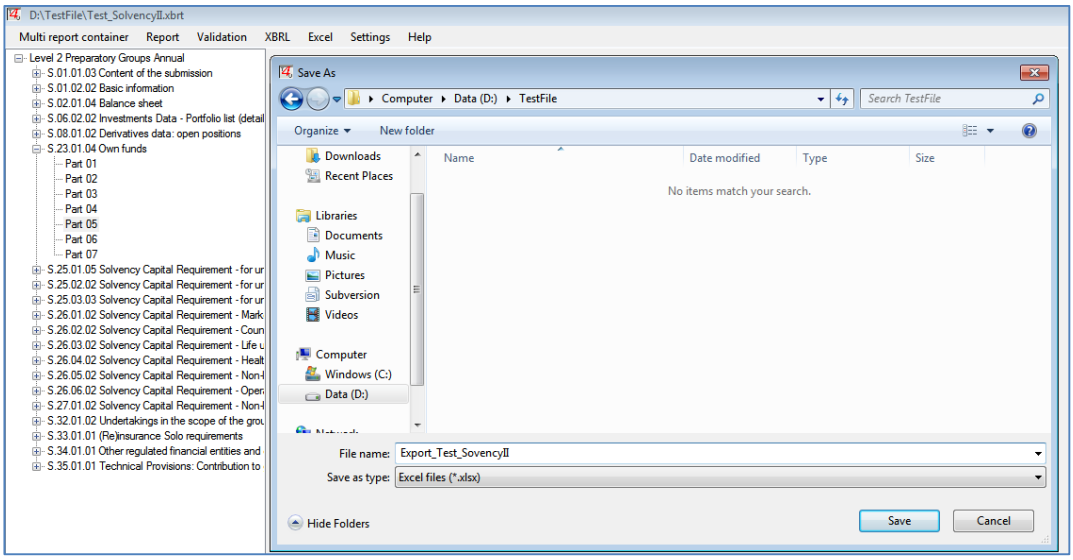
VIII.2 Export data to basic Excel template

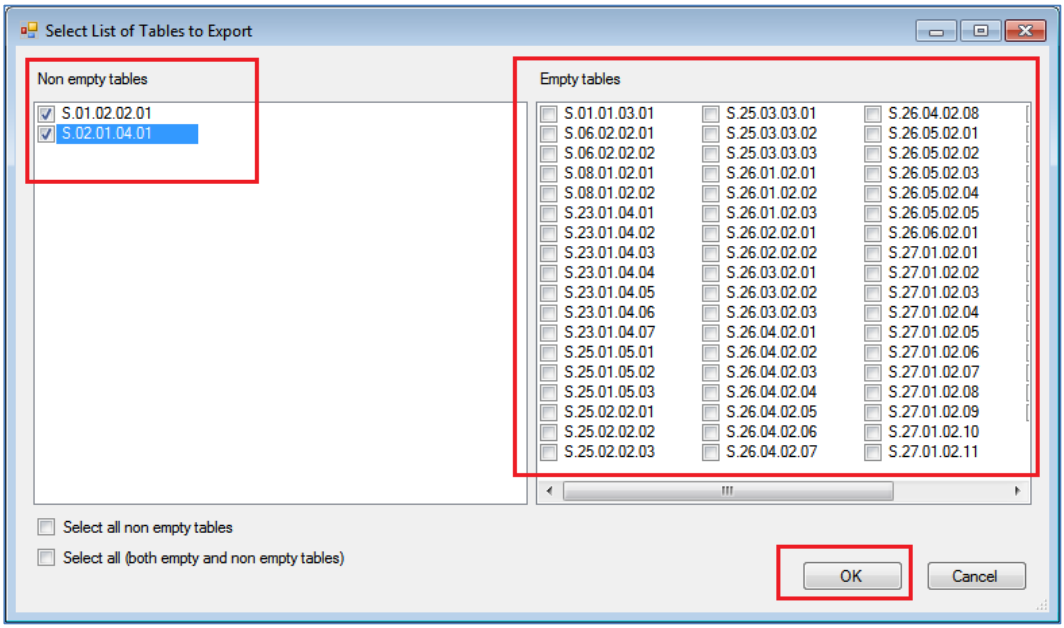
Prerequisite: The report should be created before to export the report.

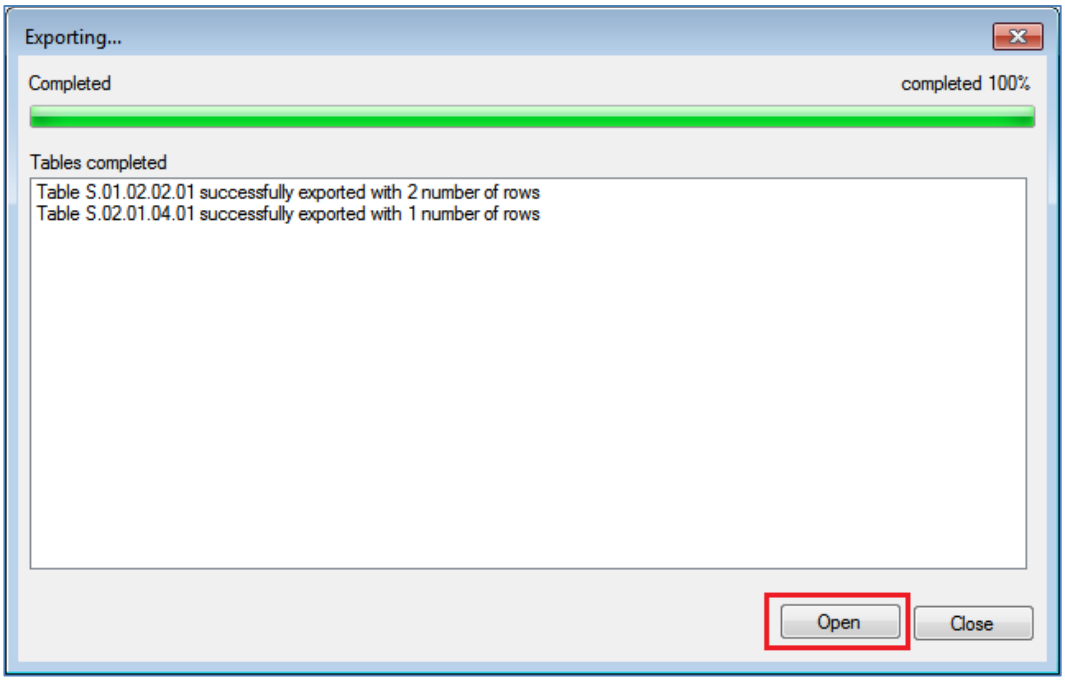
1. Select the **Excel** menu.
2. On the **Excel** menu, select **Export data to basic Excel template** menu.
3. Provide the file name to the excel file in the **Save As** dialog box.
4. Click **save**.
5. Choose the list of table to export.
6. Click **OK** to start the export operation
7. After the successful export operation the user can verify the exported contents in the specified excel file OR by clicking the **Open** button, the exported excel file will be opened.

Note:

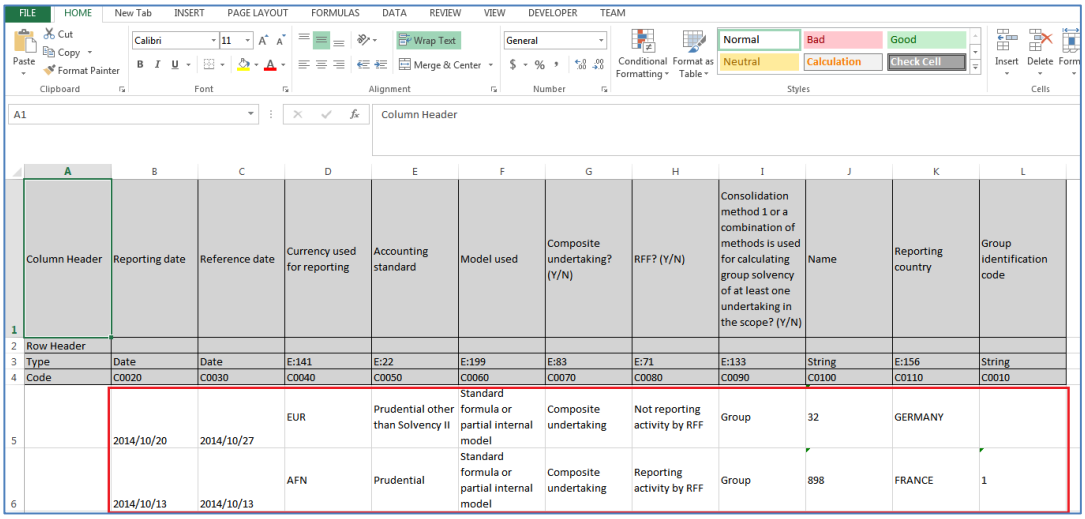
The tables without data will be shown in the Empty tables list.


D:\TestFile\Test_SolvencyII.xbrt
Multi report container
Report
Validation
XBRL
Excel
Settings
Help
Level 2 Preparatory Groups Annual
S.01.01.03 Content of the submission
S.01.02.02 Basic information
S.02.01.04 Balance sheet
S.06.02.02 Investments Data - Portfolio list (detail
S.08.01.02 Derivatives data: open positions
S.23.01.04 Own funds
Part 01
Part 02
Part 03
Part 04
Part 05
Part 06
Part 07
Save As
Computer
Data (D:)
TestFile
Search TestFile
Organize
New folder
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Subversion
Videos
Computer
Windows (C:)
Data (D:)
Name
Date modified
Type
Size
No items match your search.
File name:
Export_Test_SovencyII
Save as type:
Excel files (*.xlsx)
Hide Folders
Save
Cancel


Select List of Tables to Export
Non empty tables
S.01.02.02.01
S.02.01.04.01
Empty tables
S.01.01.03.01
S.06.02.02.01
S.06.02.02.02
S.08.01.02.01
S.08.01.02.02
S.23.01.04.01
S.23.01.04.02
S.23.01.04.03
S.23.01.04.04
S.23.01.04.05
S.23.01.04.06
S.23.01.04.07
S.25.01.05.01
S.25.01.05.02
S.25.01.05.03
S.25.02.02.01
S.25.02.02.02
S.25.02.02.03
S.25.03.03.01
S.25.03.03.02
S.25.03.03.03
S.26.01.02.01
S.26.01.02.02
S.26.01.02.03
S.26.02.02.01
S.26.02.02.02
S.26.03.02.01
S.26.03.02.02
S.26.03.02.03
S.26.04.02.01
S.26.04.02.02
S.26.04.02.03
S.26.04.02.04
S.26.04.02.05
S.26.04.02.06
S.26.04.02.07
S.26.04.02.08
S.26.05.02.01
S.26.05.02.02
S.26.05.02.03
S.26.05.02.04
S.26.05.02.05
S.26.06.02.01
S.27.01.02.01
S.27.01.02.02
S.27.01.02.03
S.27.01.02.04
S.27.01.02.05
S.27.01.02.06
S.27.01.02.07
S.27.01.02.08
S.27.01.02.09
S.27.01.02.10
S.27.01.02.11
Select all non empty tables
Select all (both empty and non empty tables)
OK
Cancel



Click open to launch excel with exported data.

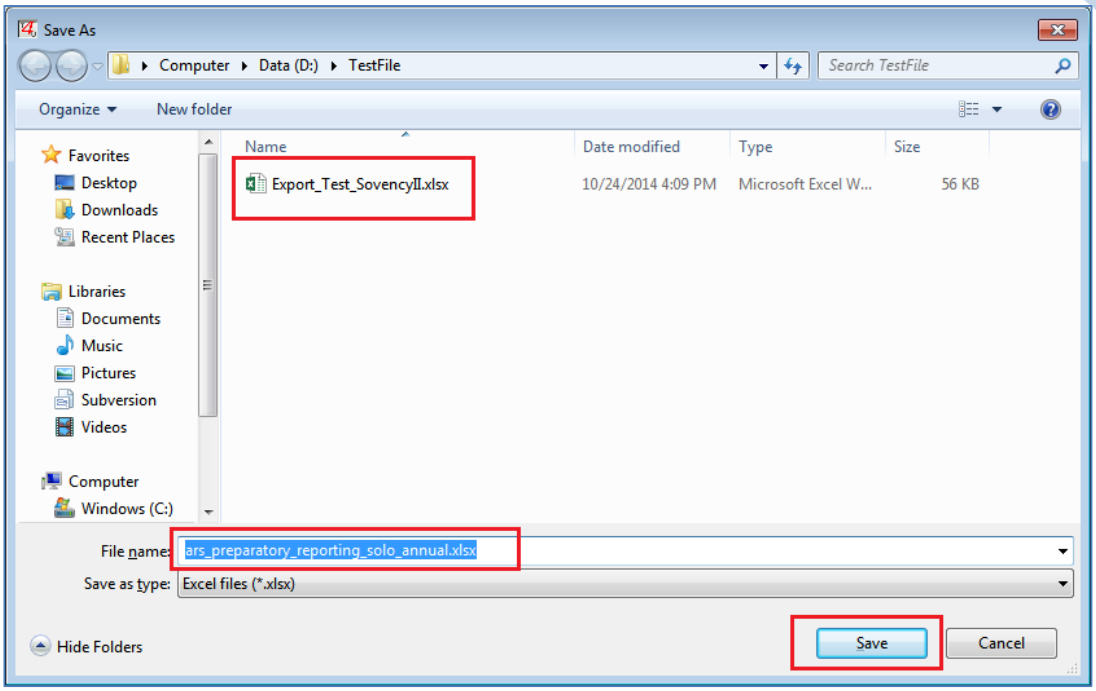


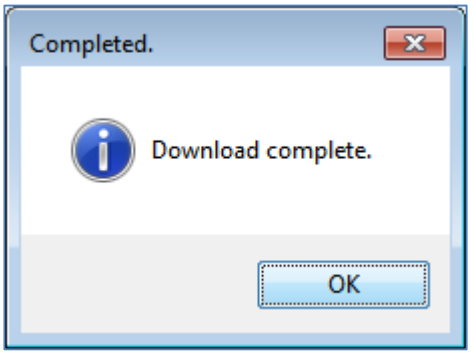
	A	B	C	D	E	F	G	H	I	J	K	L
1	Column Header	Reporting date	Reference date	Currency used for reporting	Accounting standard	Model used	Composite undertaking? (Y/N)	RFF? (Y/N)	Consolidation method 1 or a combination of methods is used for calculating group solvency of at least one undertaking in the scope? (Y/N)	Name	Reporting country	Group identification code
2	Row Header											
3	Type	Date	Date	E:141	E:22	E:199	E:83	E:71	E:133	String	E:156	String
4	Code	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0010
5		2014/10/20	2014/10/27	EUR	Prudential other than Solvency II	Standard formula or partial internal model	Composite undertaking	Not reporting activity by RFF	Group	32	GERMANY	
6		2014/10/13	2014/10/13	AFN	Prudential	Standard formula or partial internal model	Composite undertaking	Reporting activity by RFF	Group	898	FRANCE	1

VIII.3 Download an basic Excel template

<u>Prerequisite</u>: The report should be created before to download the excel template .

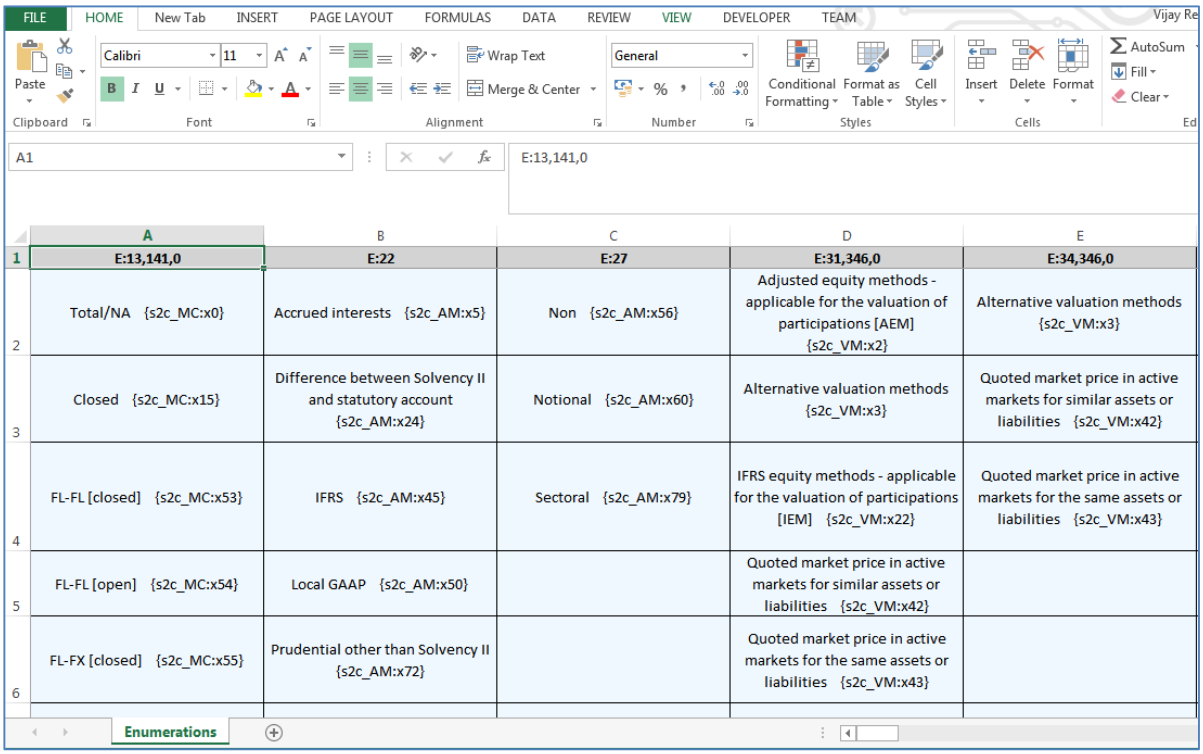
1. Select the **Excel** menu.
2. On the **Excel** menu, select **Download an basic Excel template** menu.
3. Provide the excel file name in the **Save as** dialog box. The template for the current active report type will be created.





VIII.4 Download supportive list of basic Excel template dropdowns

1. Select the **Excel** menu.
2. On the **Excel** menu, select **Download supportive list of basic Excel template dropdowns** menu.
3. The excel file will be created with all the enumeration lists.



	A	B	C	D	E
1	E:13,141,0	E:22	E:27	E:31,346,0	E:34,346,0
2	Total/NA {s2c_MC:x0}	Accrued interests {s2c_AM:x5}	Non {s2c_AM:x56}	Adjusted equity methods - applicable for the valuation of participations [AEM] {s2c_VM:x2}	Alternative valuation methods {s2c_VM:x3}
3	Closed {s2c_MC:x15}	Difference between Solvency II and statutory account {s2c_AM:x24}	Notional {s2c_AM:x60}	Alternative valuation methods {s2c_VM:x3}	Quoted market price in active markets for similar assets or liabilities {s2c_VM:x42}
4	FL-FL [closed] {s2c_MC:x53}	IFRS {s2c_AM:x45}	Sectoral {s2c_AM:x79}	IFRS equity methods - applicable for the valuation of participations [IEM] {s2c_VM:x22}	Quoted market price in active markets for the same assets or liabilities {s2c_VM:x43}
5	FL-FL [open] {s2c_MC:x54}	Local GAAP {s2c_AM:x50}		Quoted market price in active markets for similar assets or liabilities {s2c_VM:x42}	
6	FL-FX [closed] {s2c_MC:x55}	Prudential other than Solvency II {s2c_AM:x72}		Quoted market price in active markets for the same assets or liabilities {s2c_VM:x43}	

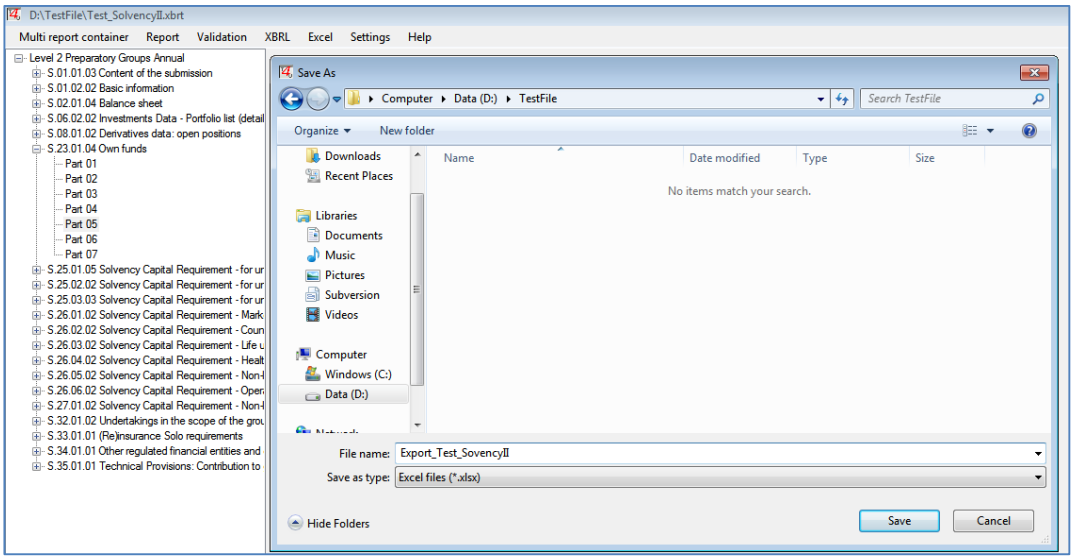
VIII.5 Export data to Excel Business template (Solvency II Preparatory application)

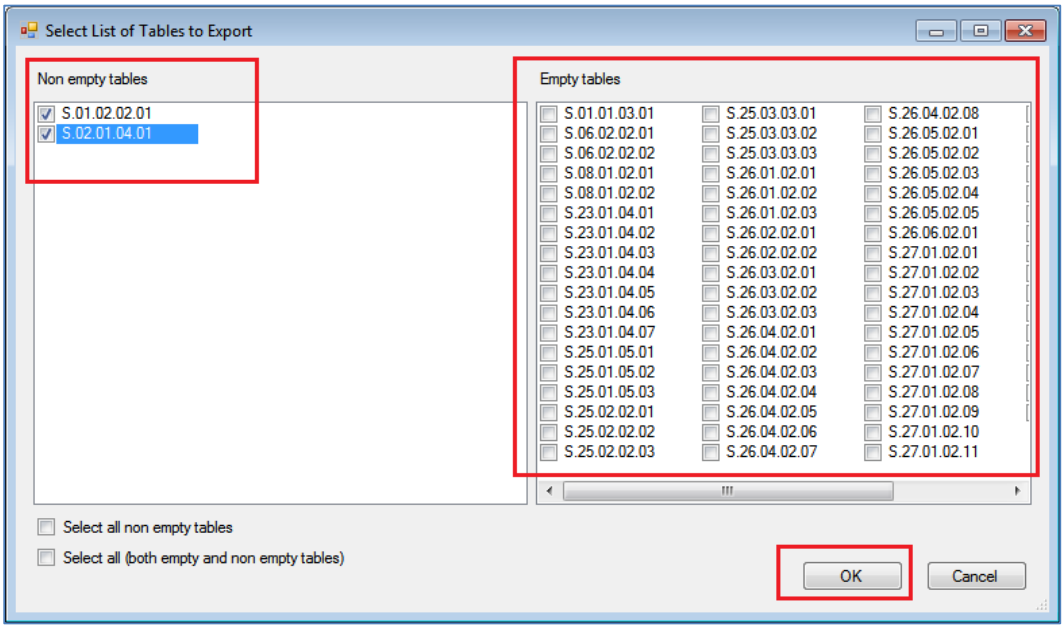
Prerequisite: The report should be created before to export the report.

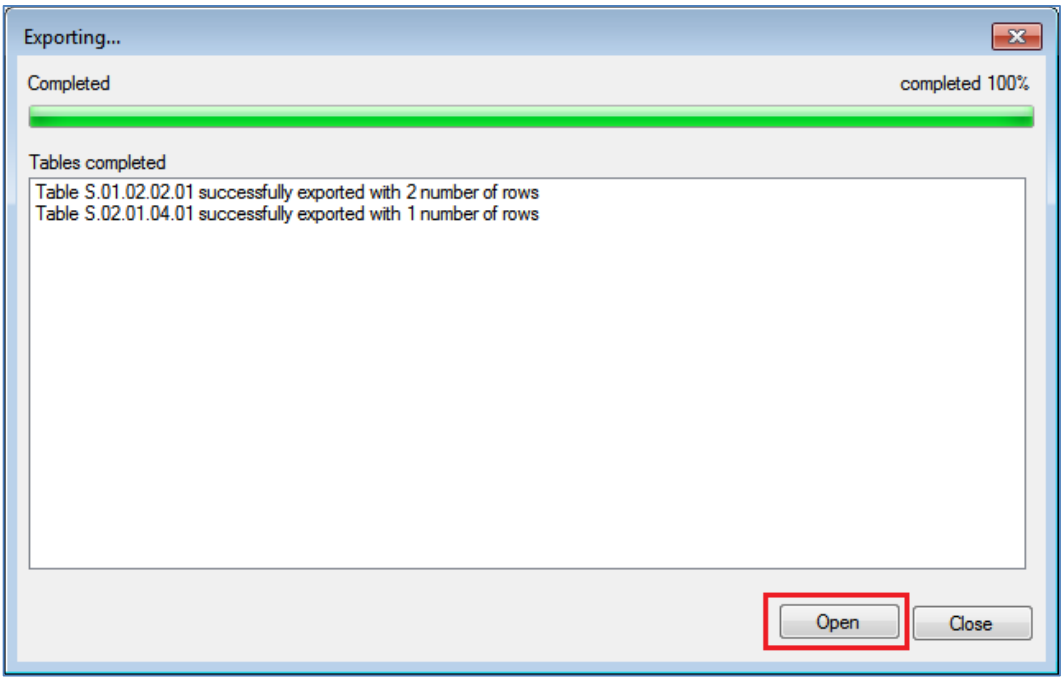
1. Select the **Excel** menu.
2. On the **Excel** menu, select **Export data to Excel Business template** menu.
3. Provide the file name to the excel file in the **Save As** dialog box.
4. Click **save**.
5. Choose the list of table to export.
6. Click **OK** to start the export operation
7. After the successful export operation the user can verify the exported contents in the specified excel file OR by clicking the **Open** button, the exported excel file will be opened.
8. Navigate to exported file location.
9. Launch/open the file Excel-Business-Templates-(1.5.2.c) .xlsm
10. Accept the Terms & Conditions window
11. Locate the file that you have recently exported or already exported file.
12. The export operation will take place & it will stored with values.

Note:

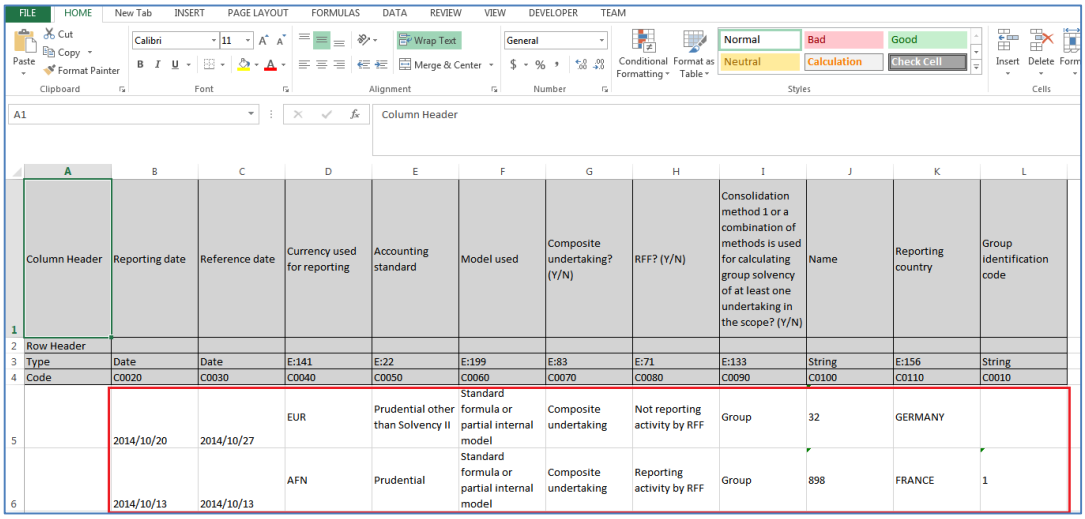
The tables without data will be shown in the Empty tables list.


D:\TestFile\Test_SolvencyII.xbrt
Multi report container
Report
Validation
XBRL
Excel
Settings
Help
Level 2 Preparatory Groups Annual
S.01.01.03 Content of the submission
S.01.02.02 Basic information
S.02.01.04 Balance sheet
S.06.02.02 Investments Data - Portfolio list (detail
S.08.01.02 Derivatives data: open positions
S.23.01.04 Own funds
Part 01
Part 02
Part 03
Part 04
Part 05
Part 06
Part 07
Save As
Computer
Data (D:)
TestFile
Search TestFile
Organize
New folder
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Subversion
Videos
Computer
Windows (C:)
Data (D:)
Name
Date modified
Type
Size
No items match your search.
File name:
Export_Test_SovencyII
Save as type:
Excel files (*.xlsx)
Hide Folders
Save
Cancel

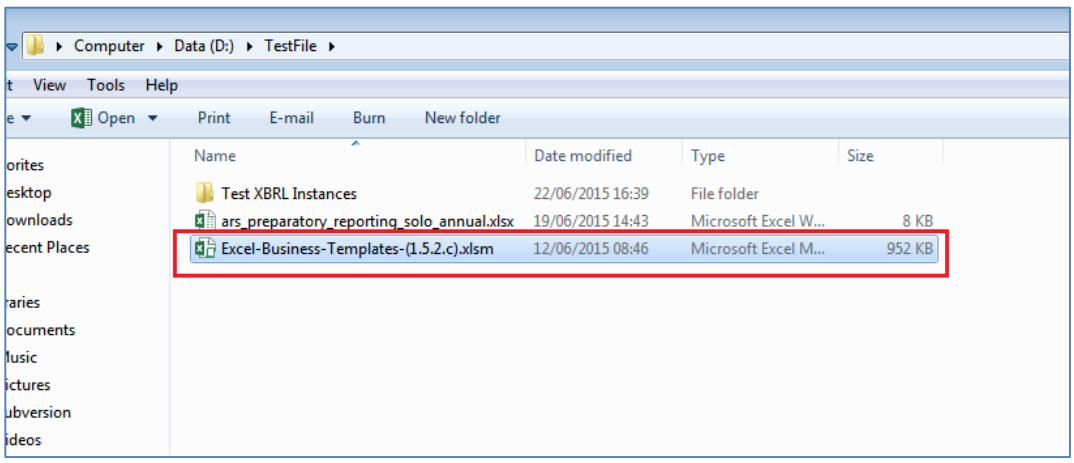

Select List of Tables to Export
Non empty tables
S.01.02.02.01
S.02.01.04.01
Empty tables
S.01.01.03.01
S.06.02.02.01
S.06.02.02.02
S.08.01.02.01
S.08.01.02.02
S.23.01.04.01
S.23.01.04.02
S.23.01.04.03
S.23.01.04.04
S.23.01.04.05
S.23.01.04.06
S.23.01.04.07
S.25.01.05.01
S.25.01.05.02
S.25.01.05.03
S.25.02.02.01
S.25.02.02.02
S.25.02.02.03
S.25.03.03.01
S.25.03.03.02
S.25.03.03.03
S.26.01.02.01
S.26.01.02.02
S.26.01.02.03
S.26.02.02.01
S.26.02.02.02
S.26.03.02.01
S.26.03.02.02
S.26.03.02.03
S.26.04.02.01
S.26.04.02.02
S.26.04.02.03
S.26.04.02.04
S.26.04.02.05
S.26.04.02.06
S.26.04.02.07
S.26.04.02.08
S.26.05.02.01
S.26.05.02.02
S.26.05.02.03
S.26.05.02.04
S.26.05.02.05
S.26.06.02.01
S.27.01.02.01
S.27.01.02.02
S.27.01.02.03
S.27.01.02.04
S.27.01.02.05
S.27.01.02.06
S.27.01.02.07
S.27.01.02.08
S.27.01.02.09
S.27.01.02.10
S.27.01.02.11
Select all non empty tables
Select all (both empty and non empty tables)
OK
Cancel

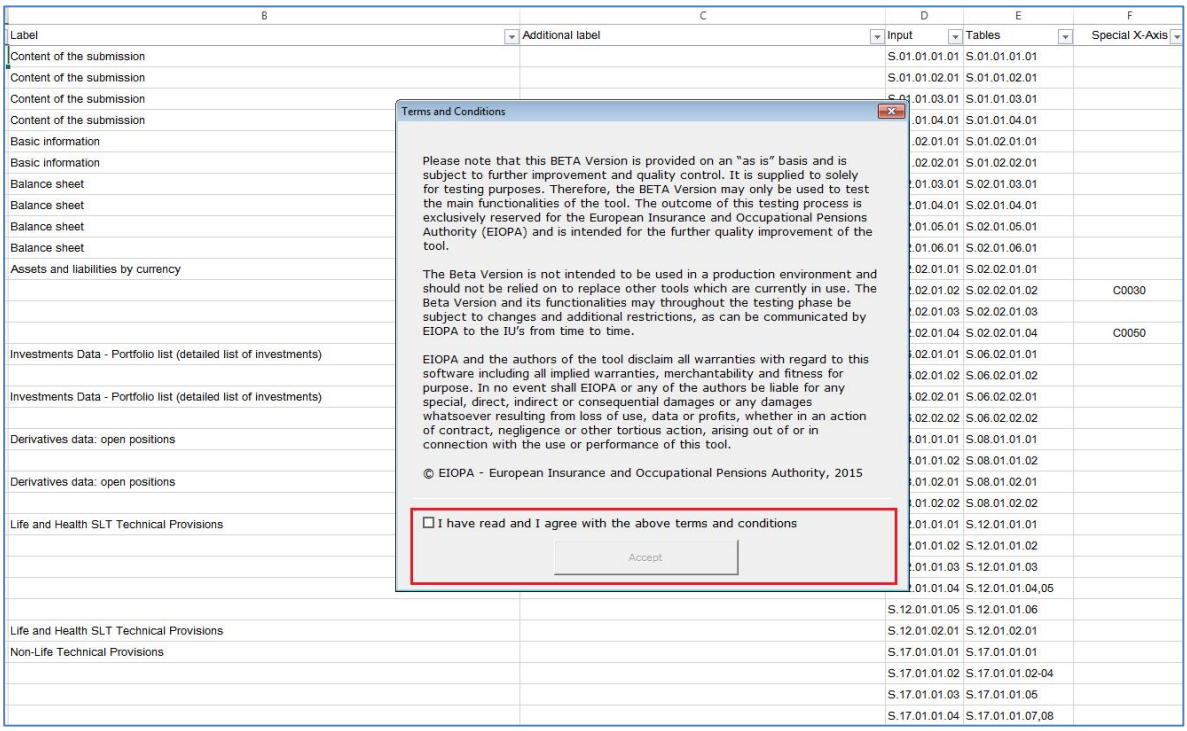


Click open to launch excel with exported data.



	A	B	C	D	E	F	G	H	I	J	K	L
1	Column Header	Reporting date	Reference date	Currency used for reporting	Accounting standard	Model used	Composite undertaking? (Y/N)	RFF? (Y/N)	Consolidation method 1 or a combination of methods is used for calculating group solvency of at least one undertaking in the scope? (Y/N)	Name	Reporting country	Group identification code
2	Row Header											
3	Type	Date	Date	E:141	E:22	E:199	E:83	E:71	E:133	String	E:156	String
4	Code	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100	C0110	C0010
5		2014/10/20	2014/10/27	EUR	Prudential other than Solvency II	Standard formula or partial internal model	Composite undertaking	Not reporting activity by RFF	Group	32	GERMANY	
6		2014/10/13	2014/10/13	AFN	Prudential	Standard formula or partial internal model	Composite undertaking	Reporting activity by RFF	Group	898	FRANCE	1




Terms and Conditions
Please note that this BETA Version is provided on an "as is" basis and is subject to further improvement and quality control. It is supplied to solely for testing purposes. Therefore, the BETA Version may only be used to test the main functionalities of the tool. The outcome of this testing process is exclusively reserved for the European Insurance and Occupational Pensions Authority (EIOPA) and is intended for the further quality improvement of the tool.
The Beta Version is not intended to be used in a production environment and should not be relied on to replace other tools which are currently in use. The Beta Version and its functionalities may throughout the testing phase be subject to changes and additional restrictions, as can be communicated by EIOPA to the IU's from time to time.
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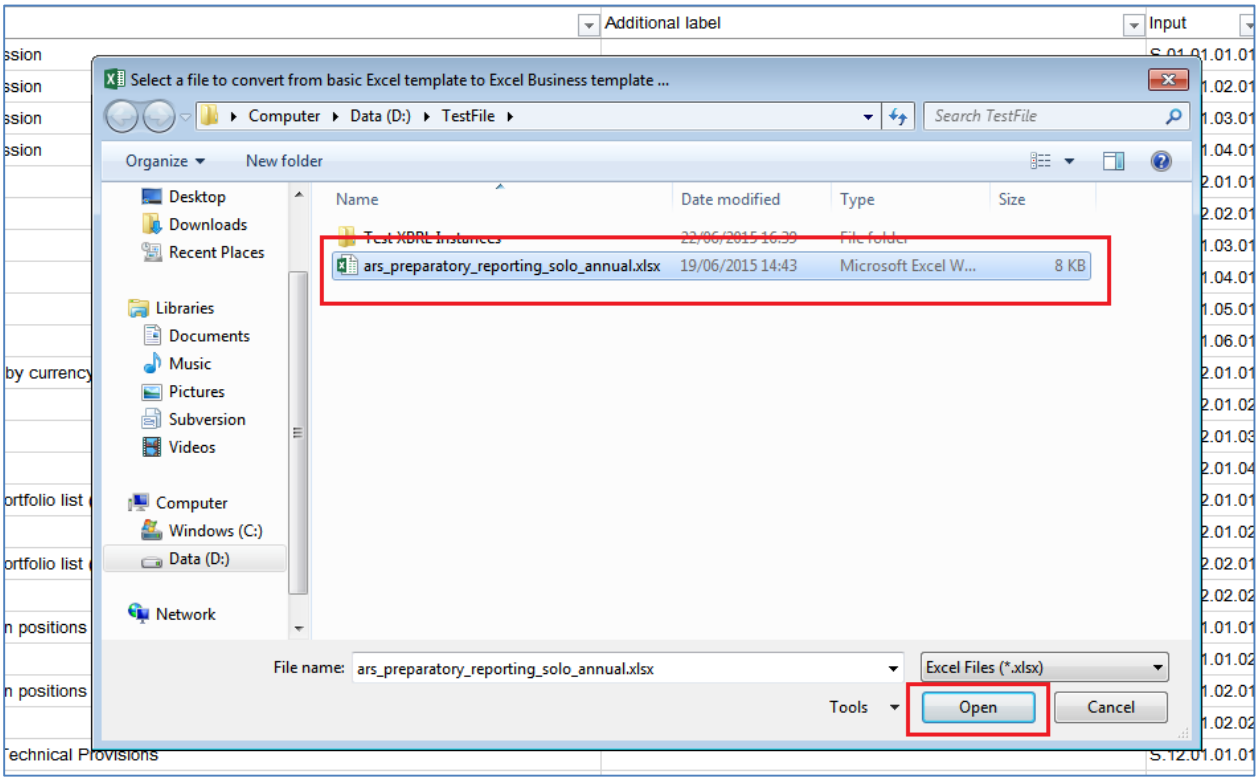
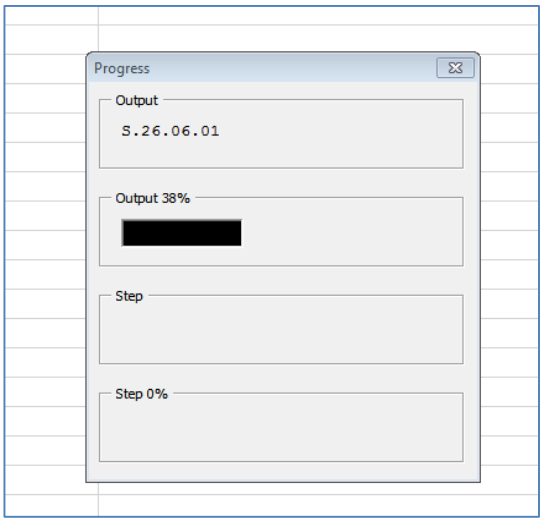
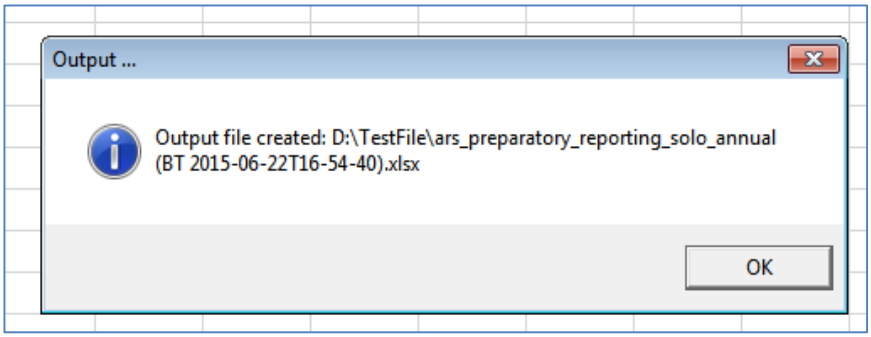
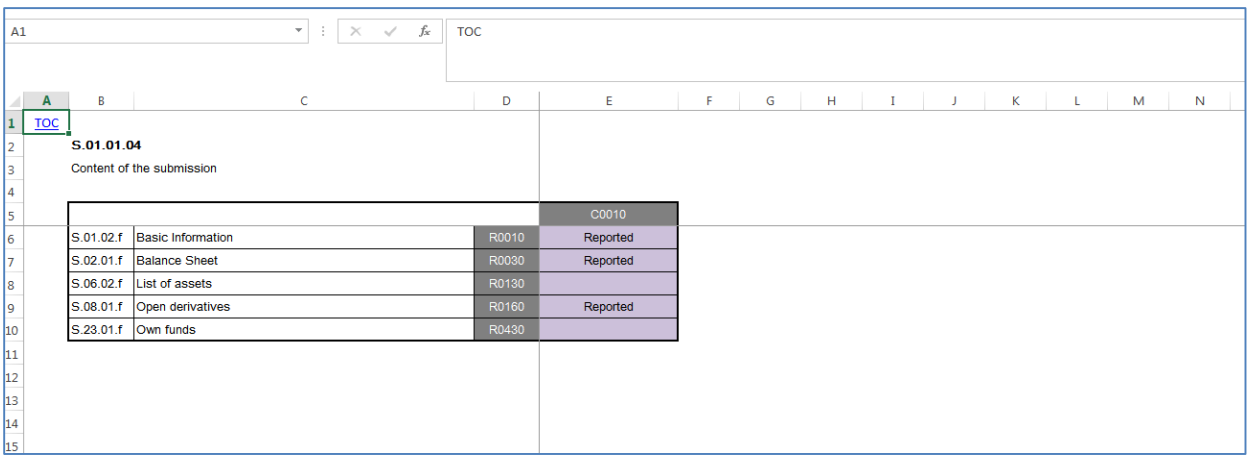
I have read and I agree with the above terms and conditions
Accept


Select a file to convert from basic Excel template to Excel Business template ...
Computer ▸ Data (D:) ▸ TestFile ▸
Search TestFile
Organize
New folder
Desktop
Downloads
Recent Places
Libraries
Documents
Music
Pictures
Subversion
Videos
Computer
Windows (C:)
Data (D:)
Network
Name
Date modified
Type
Size
ars_preparatory_reporting_solo_annual.xlsx
19/06/2015 14:43
Microsoft Excel W...
8 KB
File name: ars_preparatory_reporting_solo_annual.xlsx
Excel Files (*.xlsx)
Tools
Open
Cancel





Sample output of business excel template:



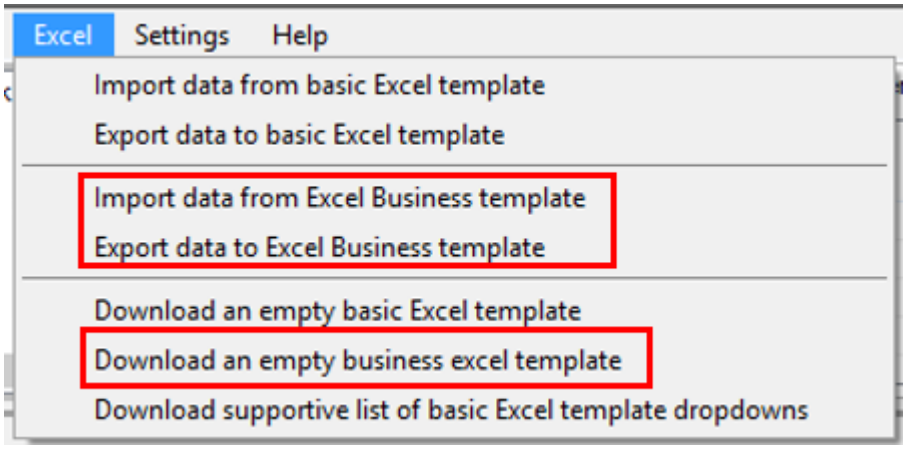
VIII.6 Import/Export data to Excel Business templates (Solvency II /full scope/ application)

This functionally works similarly to basic Excel templates export and import but the result is forms similar to original Solvency II tables.

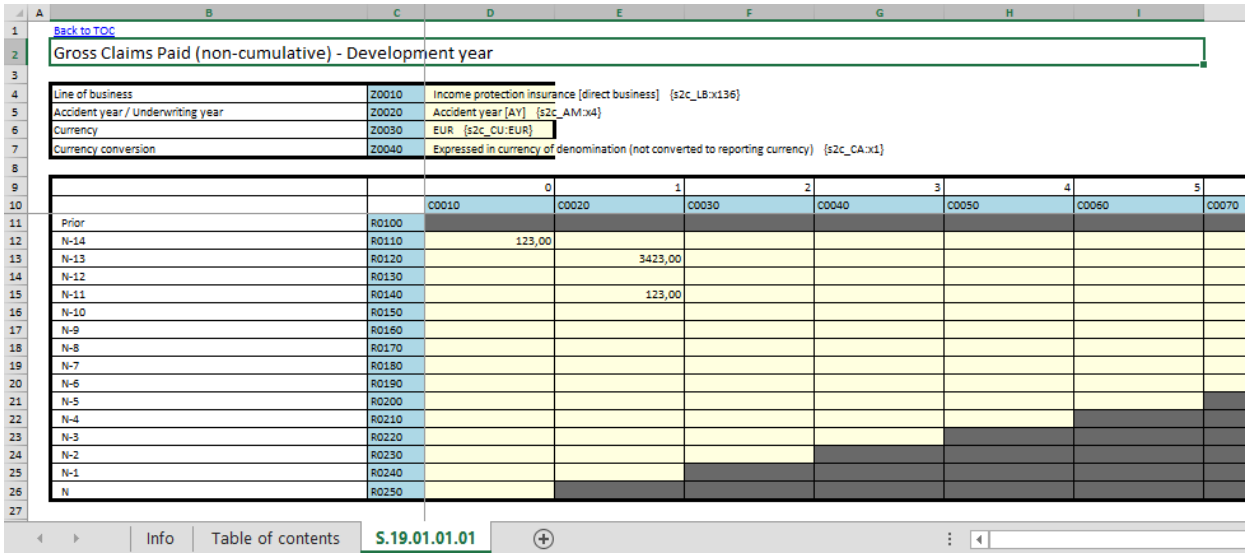
It can be triggered from the "Excel" menu bar:

- "Import data from Excel Business template" process is similar to VIII.1),
- "Export data to Excel Business template" (process is similar to VIII.2),

- "Download an empty business excel template" (process is similar to VIII.3).



In case of tables that multiply based on the z-axis dropdown selections, in order to create another instantiation of a table simply copy a worksheet and set up z-axis properties. Worksheets may be copied multiple times as presented on the screenshots below.



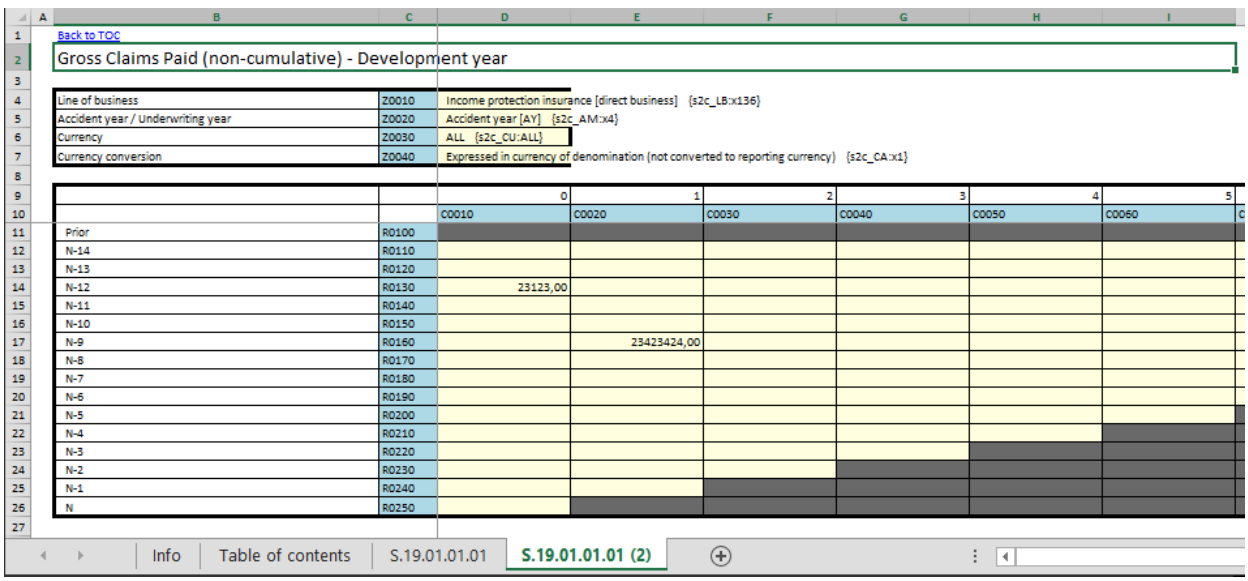
Back to TOC

Gross Claims Paid (non-cumulative) - Development year

Line of business	Z0010	Income protection insurance [direct business] {s2c_LB:x136}
Accident year / Underwriting year	Z0020	Accident year [AY] {s2c_AM:x4}
Currency	Z0030	EUR {s2c_CU:EUR}
Currency conversion	Z0040	Expressed in currency of denomination (not converted to reporting currency) {s2c_CA:x1}

		0	1	2	3	4	5	
		C0010	C0020	C0030	C0040	C0050	C0060	C0070
Prior	R0100							
N-14	R0110	123,00						
N-13	R0120		3423,00					
N-12	R0130							
N-11	R0140		123,00					
N-10	R0150							
N-9	R0160							
N-8	R0170							
N-7	R0180							
N-6	R0190							
N-5	R0200							
N-4	R0210							
N-3	R0220							
N-2	R0230							
N-1	R0240							
N	R0250							

Info | Table of contents | S.19.01.01.01



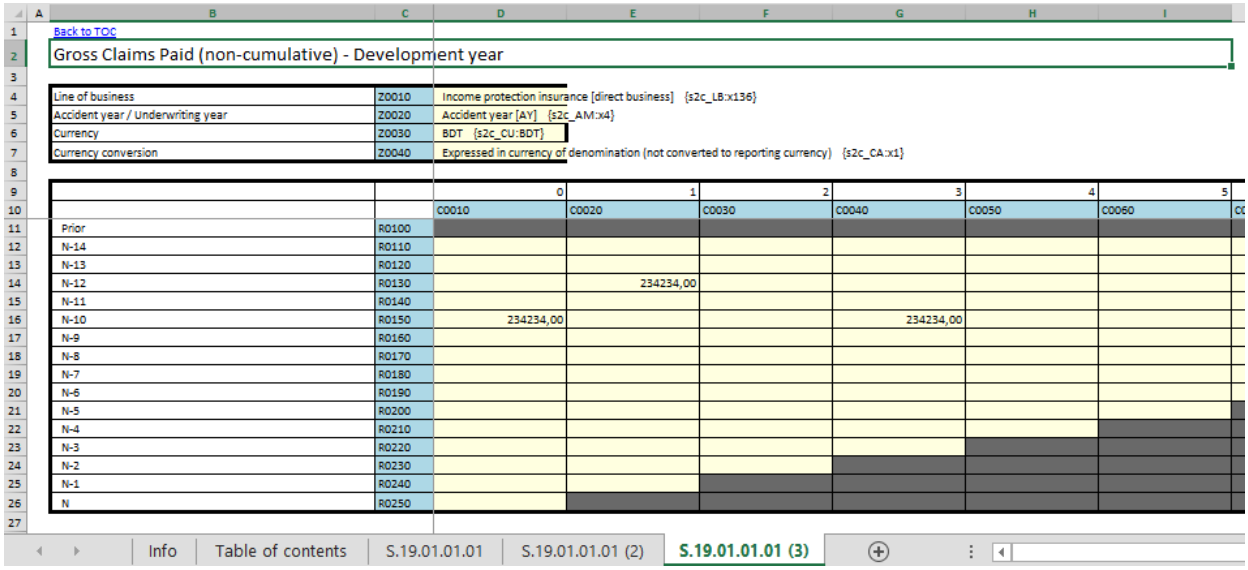
Back to TOC

Gross Claims Paid (non-cumulative) - Development year

Line of business	Z0010	Income protection insurance [direct business] {s2c_LB:x136}
Accident year / Underwriting year	Z0020	Accident year [AY] {s2c_AM:x4}
Currency	Z0030	ALL {s2c_CU:ALL}
Currency conversion	Z0040	Expressed in currency of denomination (not converted to reporting currency) {s2c_CA:x1}

		0	1	2	3	4	5	
		C0010	C0020	C0030	C0040	C0050	C0060	C
Prior	R0100							
N-14	R0110							
N-13	R0120							
N-12	R0130	23123,00						
N-11	R0140							
N-10	R0150							
N-9	R0160		23423424,00					
N-8	R0170							
N-7	R0180							
N-6	R0190							
N-5	R0200							
N-4	R0210							
N-3	R0220							
N-2	R0230							
N-1	R0240							
N	R0250							

Info | Table of contents | S.19.01.01.01 | S.19.01.01.01 (2)



1	Back to TOC							
2	Gross Claims Paid (non-cumulative) - Development year							
3								
4	Line of business	Z0010	Income protection insurance [direct business] {s2c_LB:x136}					
5	Accident year / Underwriting year	Z0020	Accident year [AY] {s2c_AM:x4}					
6	Currency	Z0030	BDT {s2c_CU:BDT}					
7	Currency conversion	Z0040	Expressed in currency of denomination (not converted to reporting currency) {s2c_CA:x1}					
8								
9			0	1	2	3	4	5
10			C0010	C0020	C0030	C0040	C0050	C0060
11	Prior	R0100						
12	N-14	R0110						
13	N-13	R0120						
14	N-12	R0130		234234,00				
15	N-11	R0140						
16	N-10	R0150	234234,00			234234,00		
17	N-9	R0160						
18	N-8	R0170						
19	N-7	R0180						
20	N-6	R0190						
21	N-5	R0200						
22	N-4	R0210						
23	N-3	R0220						
24	N-2	R0230						
25	N-1	R0240						
26	N	R0250						
27								

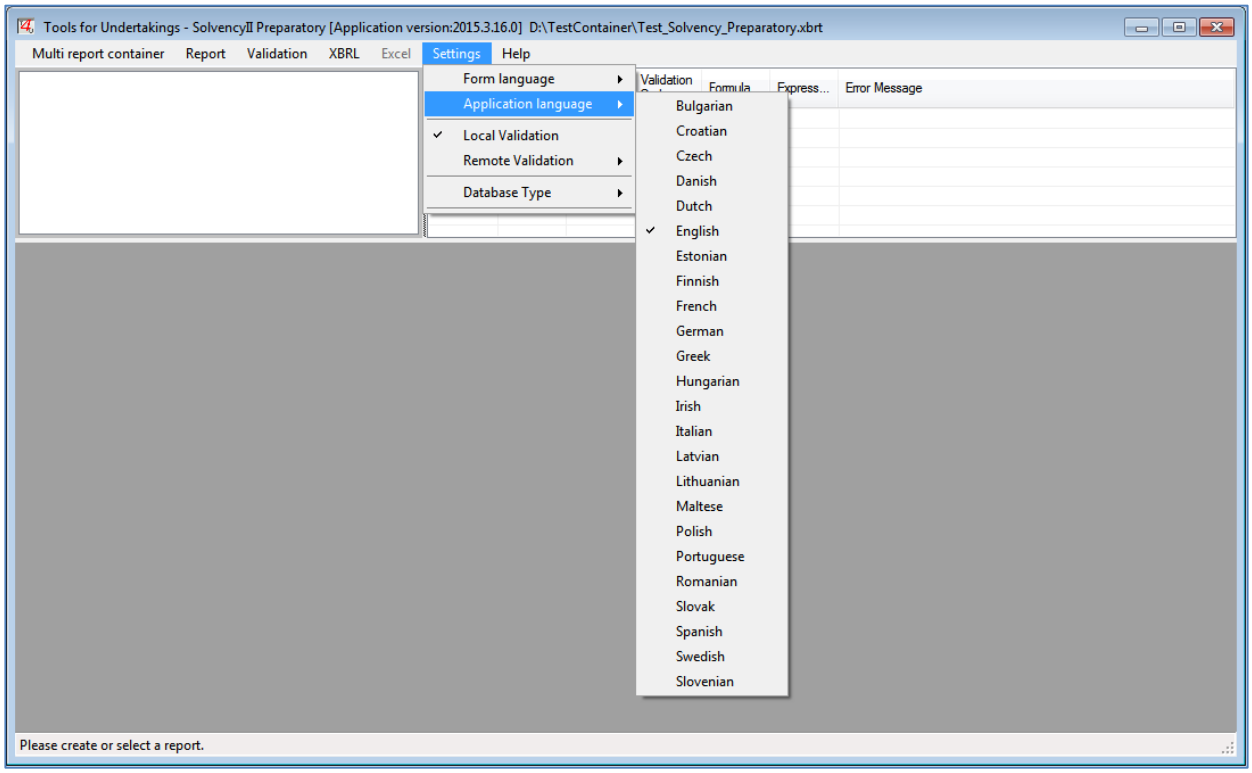
Info | Table of contents | S.19.01.01.01 | S.19.01.01.01 (2) | S.19.01.01.01 (3)

In the same way the tool will export data to Excel Business templates (by multiplying the number of sheets for each combination of z-axes selection).

IX Settings

IX.1 Application Language

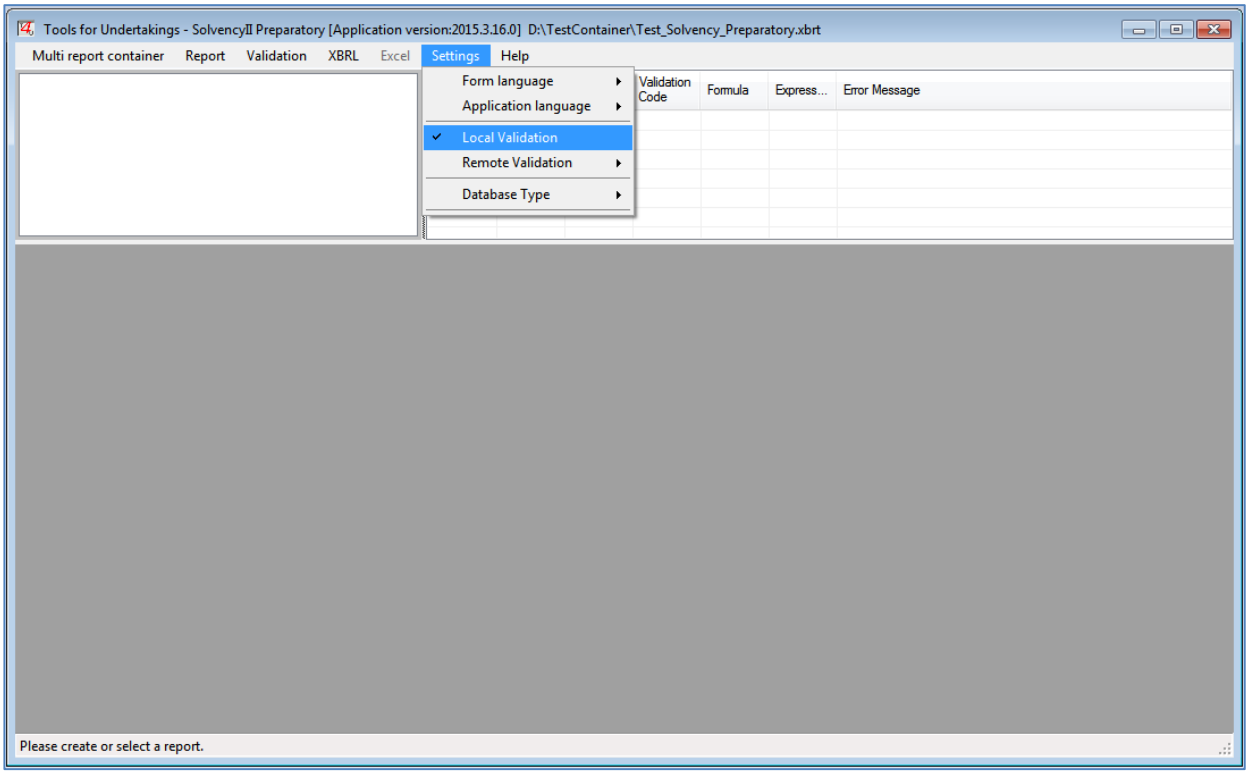
1. Select the **Settings** menu.
2. On the **Settings** menu, select **Application Language** menu.



IX.2 Validation

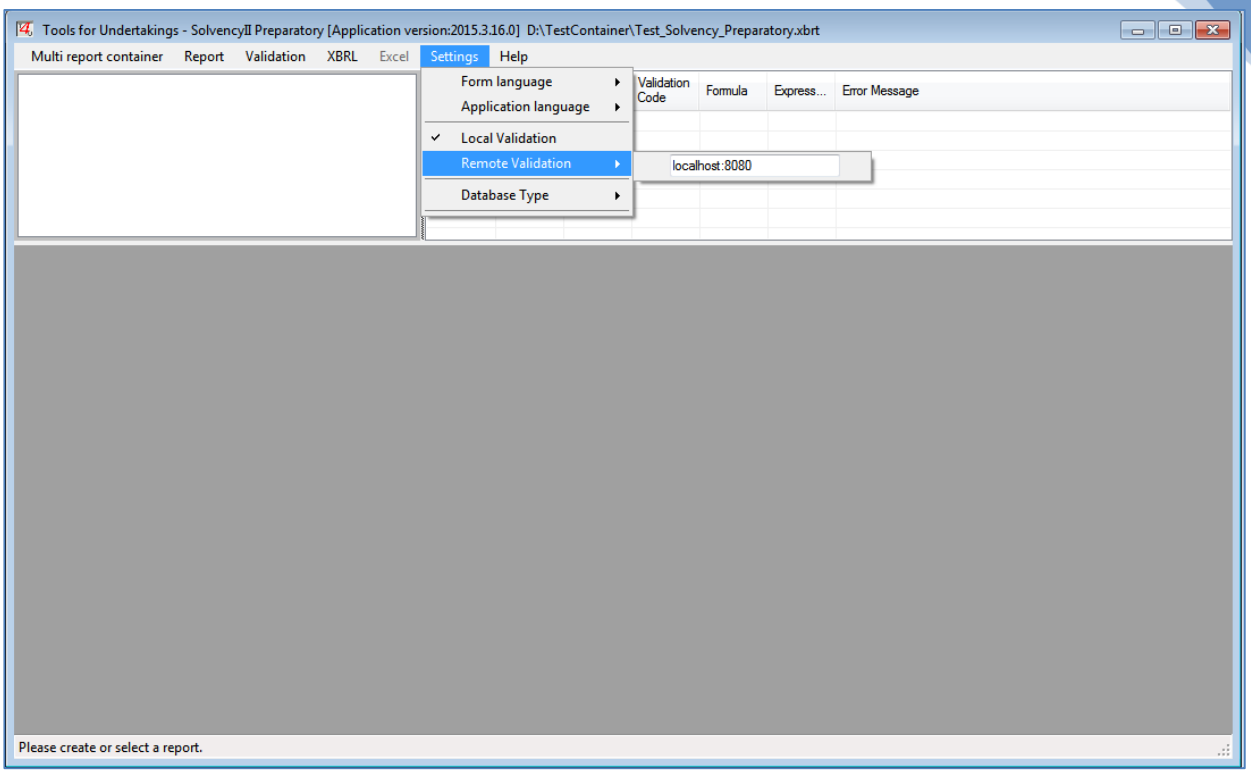
IX.2.1 Local Validation

1. Select the **Settings** menu.
2. On the **Settings** menu, select **Local Validation** menu.
3. Local Validation will use the **Arelle Command shell**, deployed along within application to validate the instance.



IX.2.2 Remote Validation

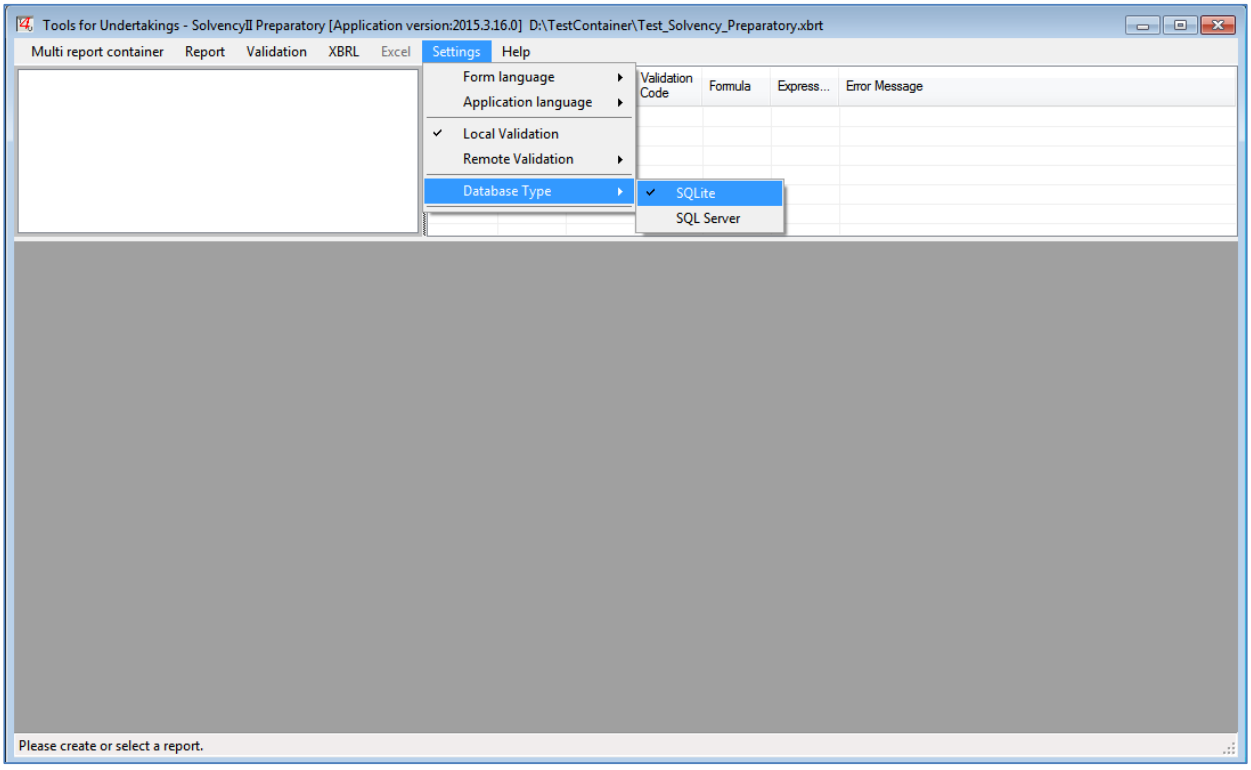
1. Select the **Settings** menu.
2. On the **Settings** menu, select **Remote Validation** menu.
3. The user needs to provide the Arelle web service address to validate the XBRL file remotely.
4. Remote Validation will use the **Arelle Web service** to validate the instance.



IX.3 Database type

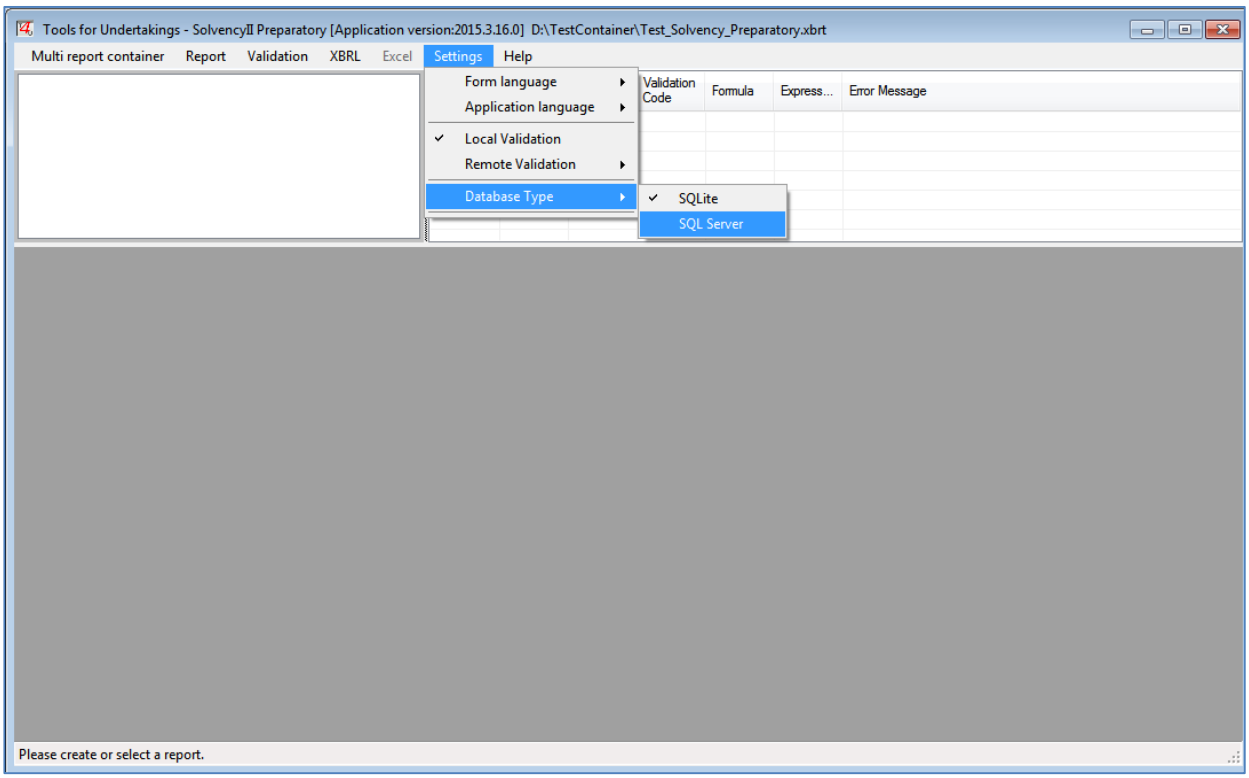
IX.3.1 SQLite

1. Select the **Settings** menu.
2. On the **Settings** menu, select **Database type** menu.
3. From the sub populated menu, select the SQLite.



IX.3.2 SQL Server

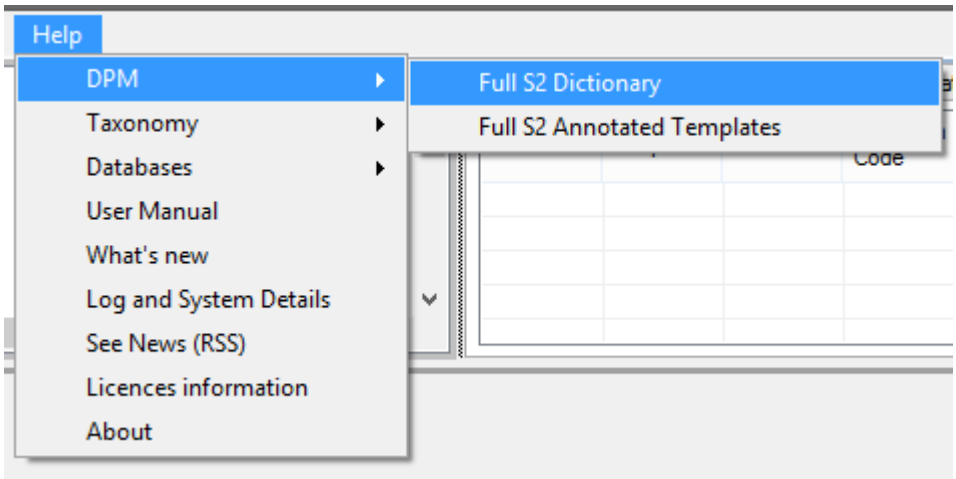
1. Select the **Settings** menu.
2. On the **Settings** menu, select **Database type** menu.
3. From the sub populated menu, select the SQL Server.



X Help

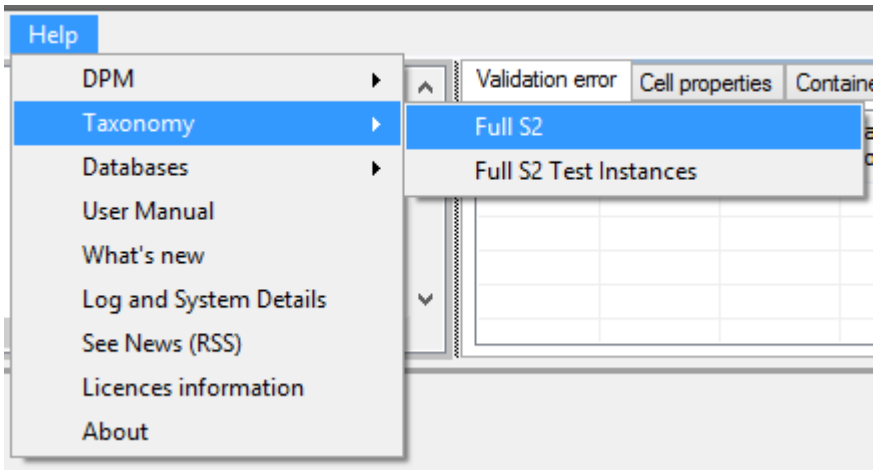
X.1 DPM

Contains DPM Dictionary and Annotated Templates for Preparatory of Full scope Solvency II (depending on application).



X.2 Taxonomy

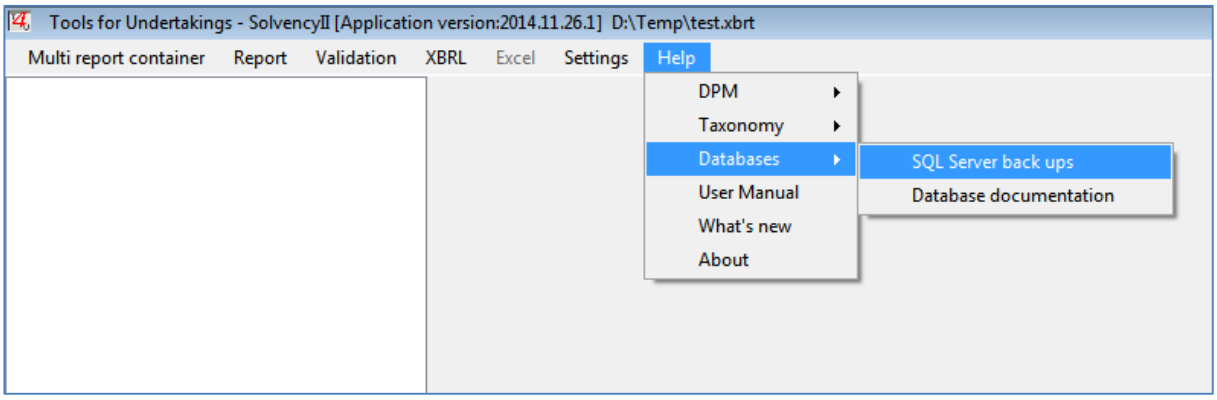
Contains XBRL Taxonomy and Sample XBRL Instance Documents for Preparatory of Full scope Solvency II (depending on application).



X.3 Databases

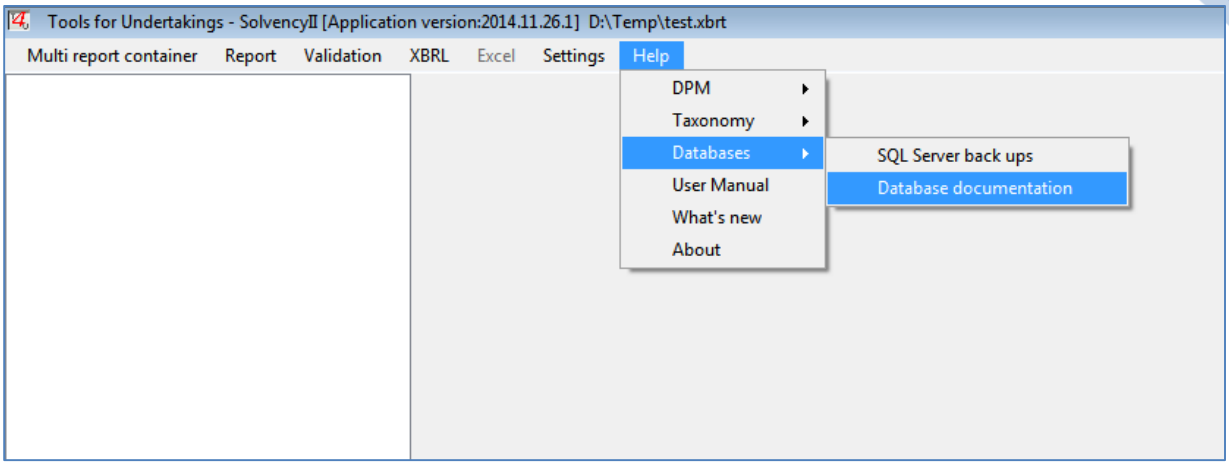
X.3.1 SQL Server backups

1. Select the **Help** menu.
2. On the **Help** menu, select the **Databases** menu.
3. From the sub populated menu, select the **SQL Server backups**



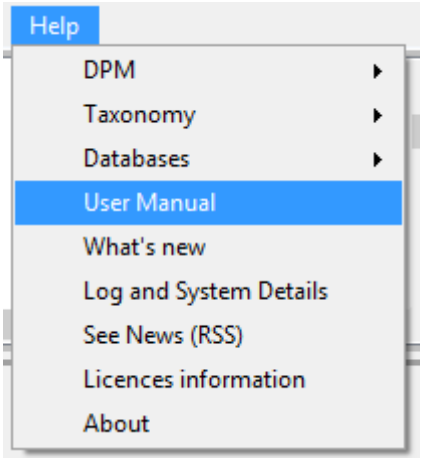
X.3.2 Database documentation

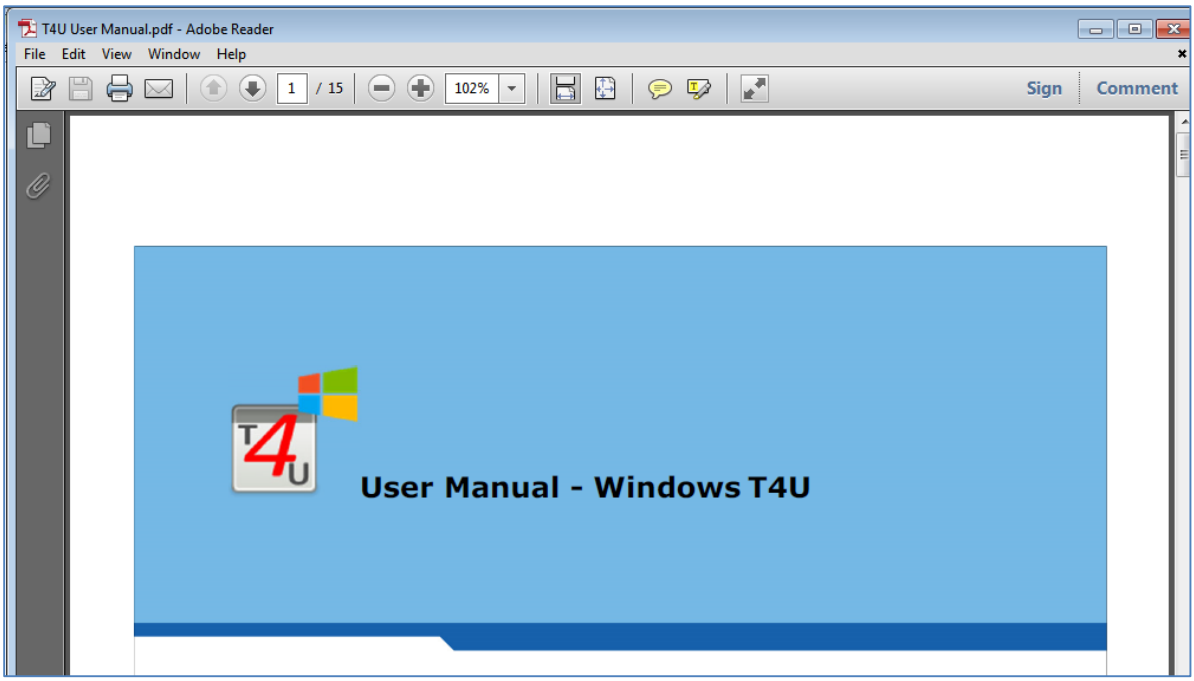
1. Select the **Help** menu.
2. On the **Help** menu, select the **Databases** menu.
3. From the sub populated menu, select the **Database documentation**



X.4 User Manual

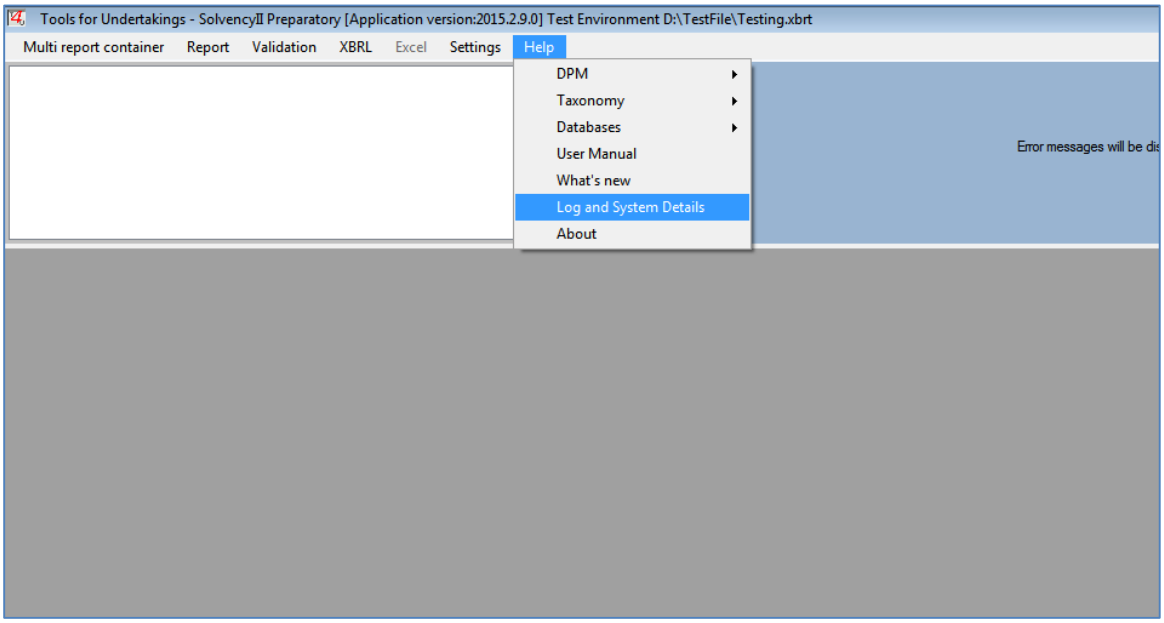
1. Select the **Help** menu.
2. On the **Help** menu, select **User Manual** menu.





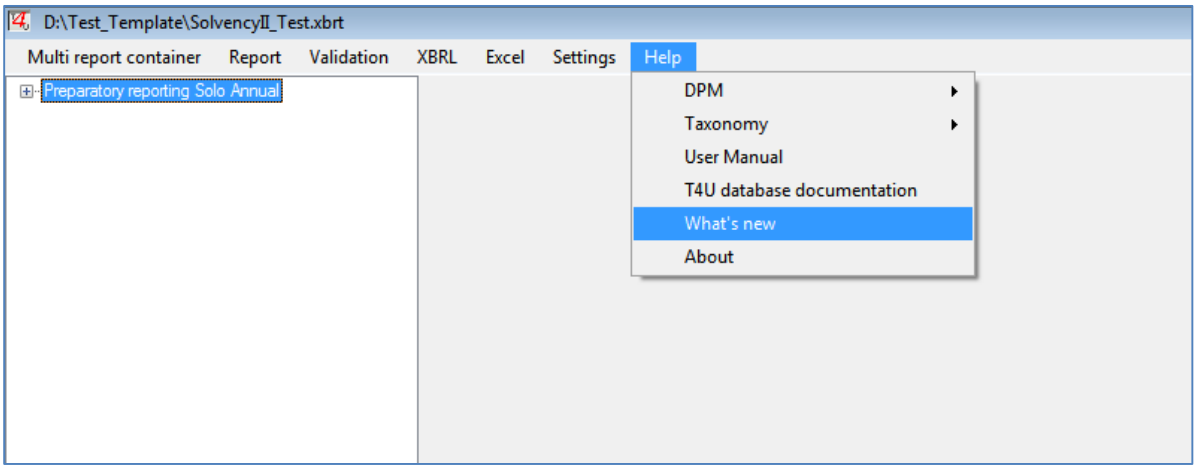
X.5 Log and System Details

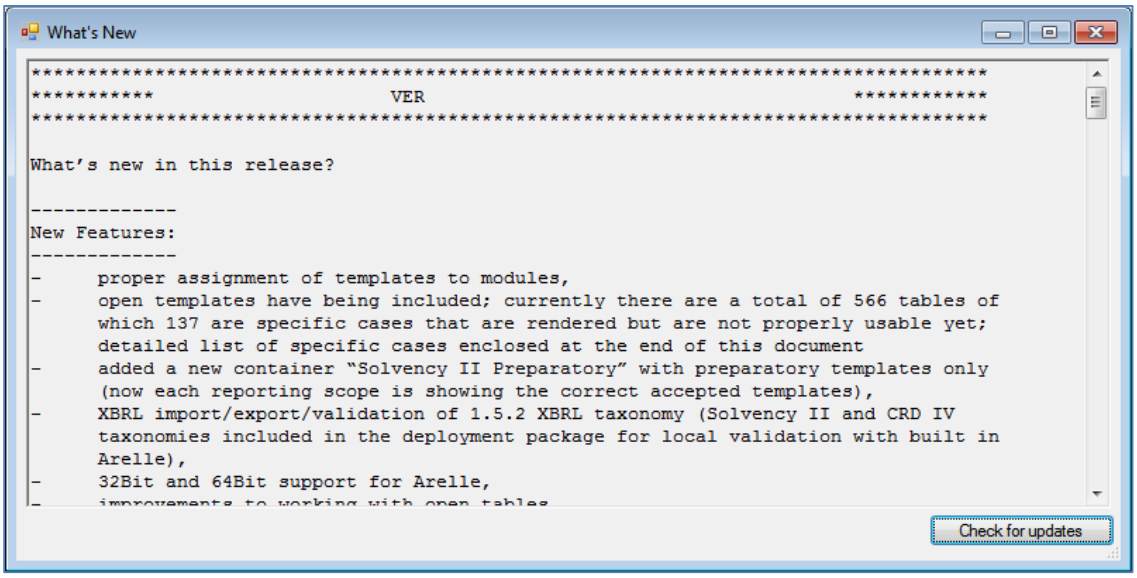
1. Select the Help menu.
2. On the Help menu, select the **Log and System Details** menu.
3. The user can download the application details, System details, log files and current container file in the zip file format.



X.6 What's New

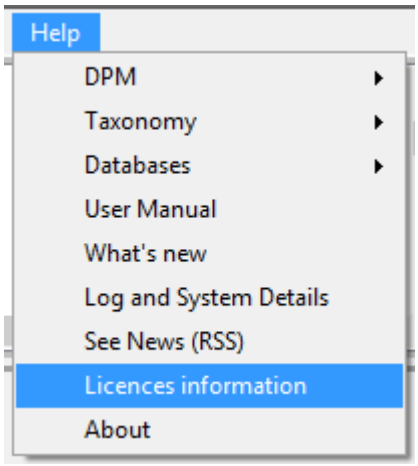
1. Select the **Help** menu.
2. On the **Help** menu, select the **What's New** menu.
3. The user can view the New Features, Bugs Fixes, Known bugs and Missing features to be included in next releases details for the current/past releases.





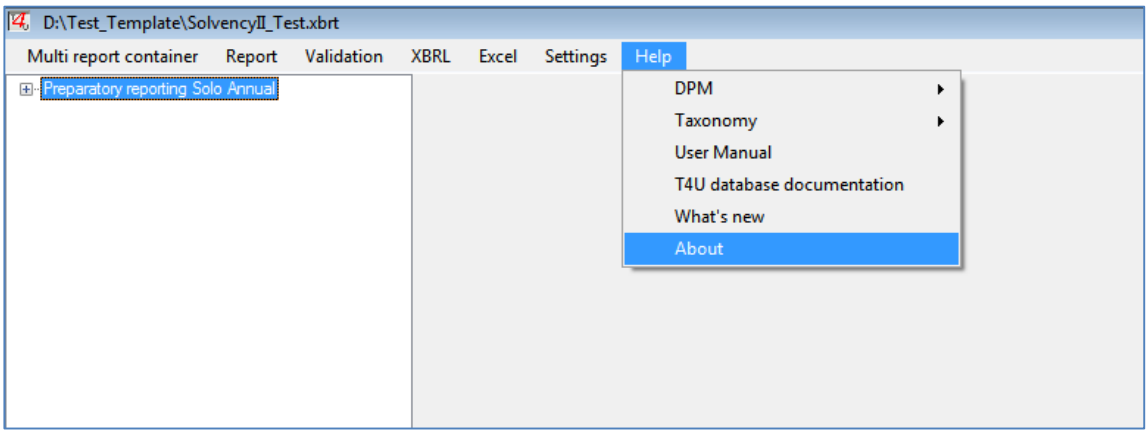
X.7 License

1. Select the **Help** menu.
2. On the **Help** menu, select the **Licenses information** menu.



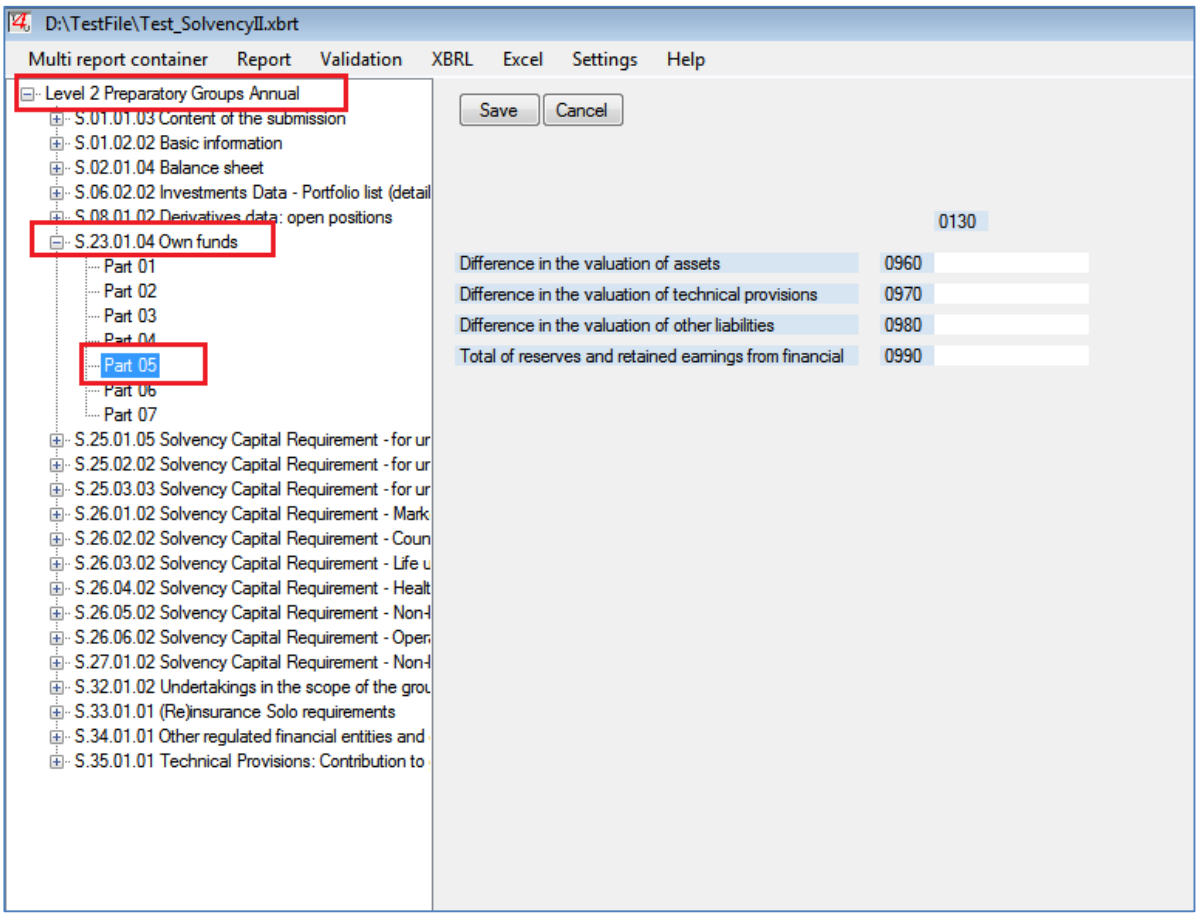
X.8 About

3. Select the **Help** menu.
4. On the **Help** menu, select the **About** menu.
5. The user can verify the **Version details** and **Application deployed path** information's through the popup dialog window.
6. User can check for any updates available for the application.
7. User can click on the Folder icon can navigate to the application installed path.



About
EUROPEAN INSURANCE
AND OCCUPATIONAL PENSIONS AUTHORITY
EUROPEAN SYSTEM OF FINANCIAL SUPERVISION
XBRL
eXtensible Business Reporting Language
T4U version number >>> 2015.3.16.0 (64 bit)
Arelle Version >>> Arelle(r) 64bit 2015-03-14 22:16 UTC
Click Once deployment version >>> 2015.3.16.4
Supported DataBase Version >>> Not applicable
Supported Excel Template Version >>> Not applicable
Supported Excel Template Version (Preparatory) >>> 2015.03.10
Supported DataBase Version (Preparatory) >>> 2015.03.12
Supported Excel Template Version (CRD) >>> Not applicable
Dotnet Framework Version >>> 4.0.0.0
Installed Path >>> C:\Users\rengarajanvi\AppData\Local\Apps\2.0\VA206ZWK.NEC
Check for Updates
Ok

XI Data entry



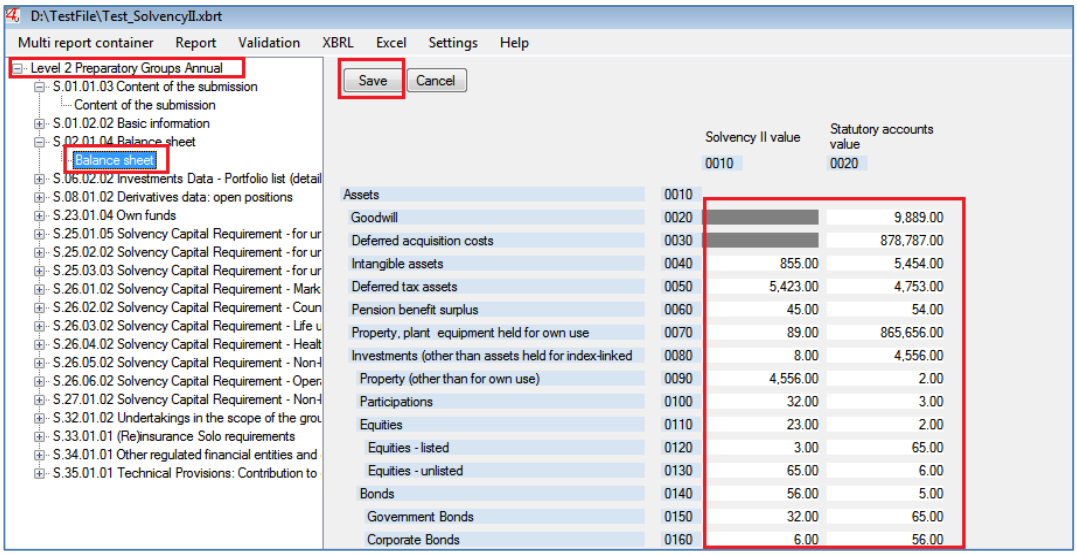
Terms:

- Module: The top level root node is the module.
- Template: The first level child node to the module is the template.
- Table: The first level child node to the template is the Table.

XI.1 Closed Template

Prerequisite: The report should be created in order to enter the data.

1. Select the **module** from the left side populated tree view.
2. Select the **Template**
3. Select the **table**
4. Enter/select the values in the form
5. Click save to save the data.



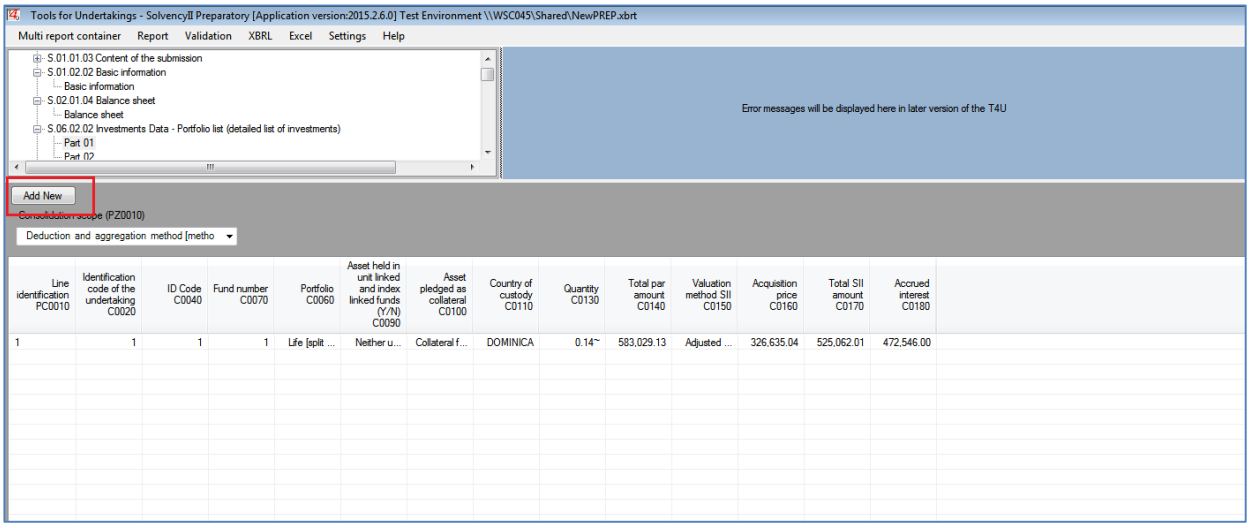
XI.2 Open Template

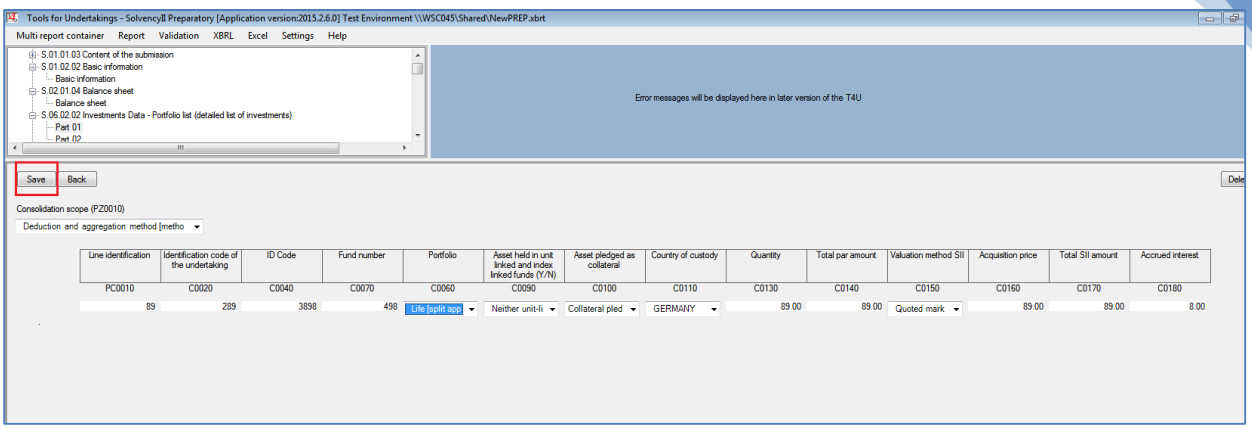
<u>Prerequisite</u>: The report should be created before to enter the data.

1. Select the **module** from the left side populated tree view.
2. Select the **Template**
3. Select the **table**
4. Enter/select the values in the form

<u>Note:</u> Entering values to the Key Column is mandatory .The values entered in the row will get accountable only if the Key column with data.

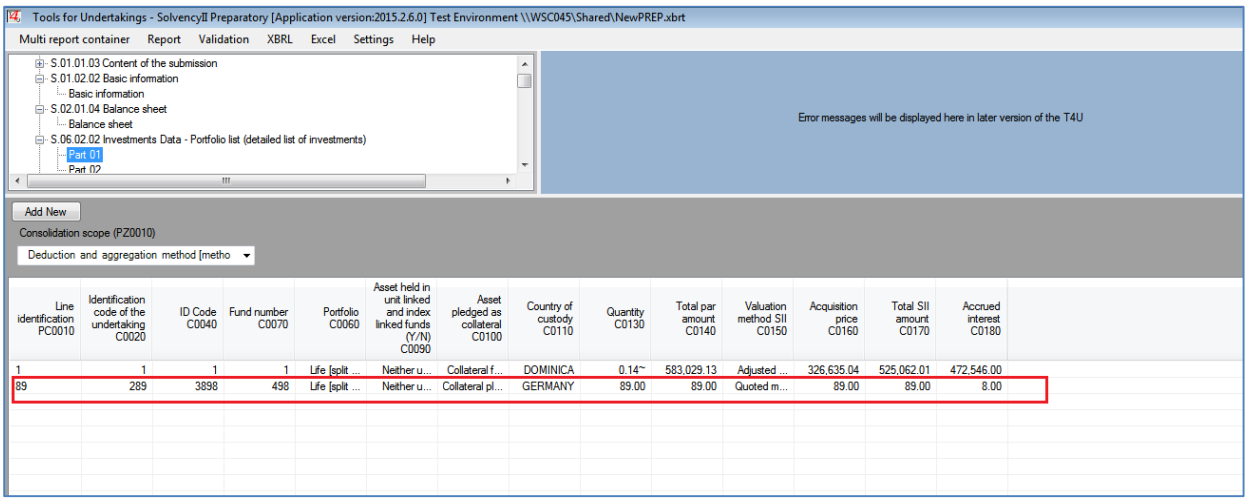
Click "**Add New**" button to enter values in the open table.

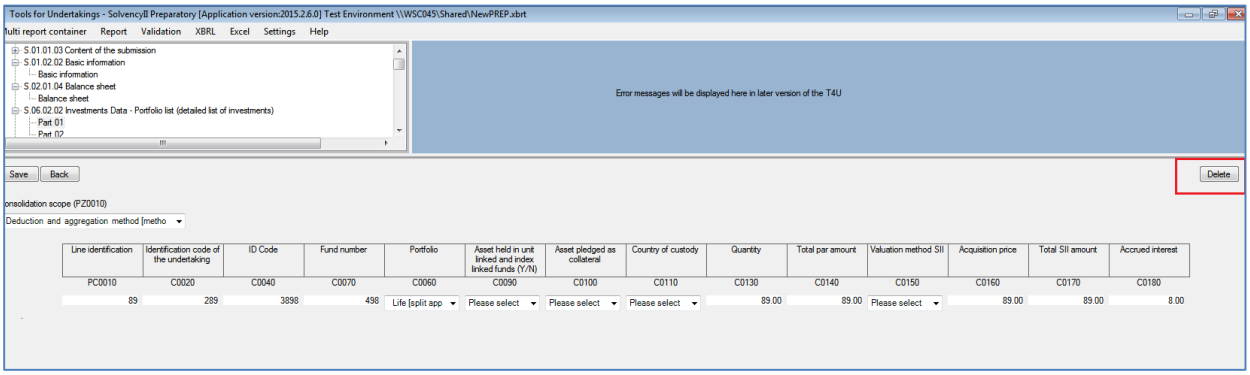




To delete/remove the row from the Open table.

Click on the row to be deleted, Click on the delete button. Then the row will be deleted from the open table.

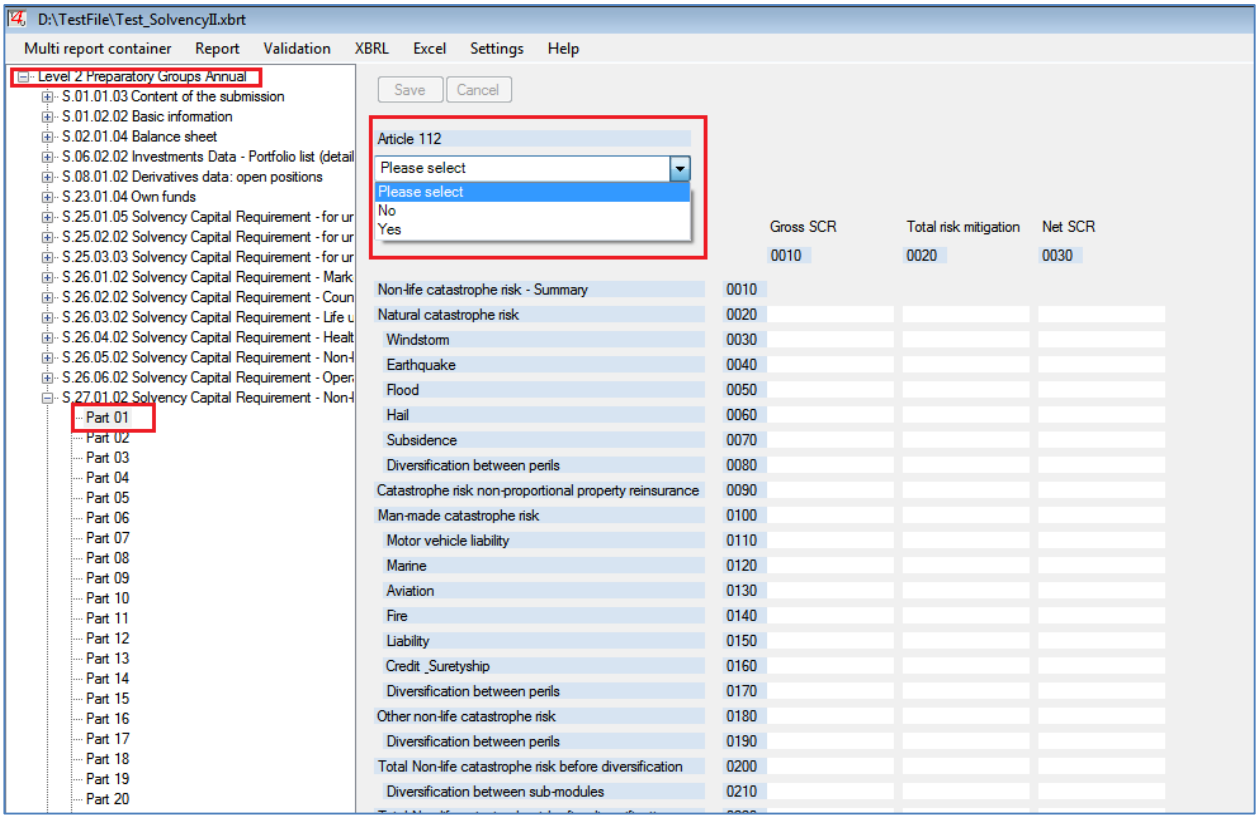




XI.3 Special case Template

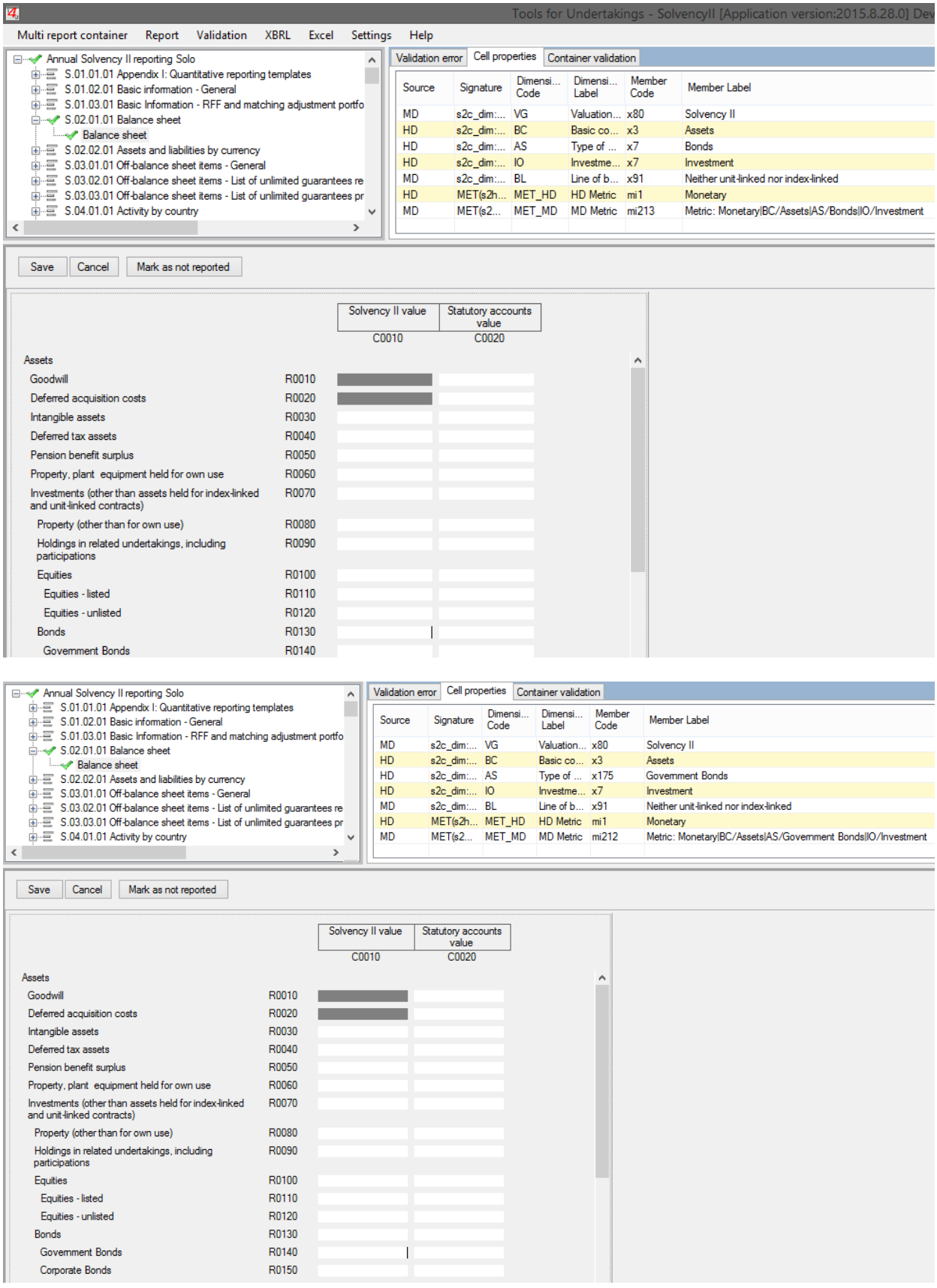
Prerequisite: The report should be created before to enter the data.

1. Select the **module** from the left side populated tree view.
2. Select the **Template**.
3. Select the **table**.
4. **Select the criteria/filter from the dropdown box.**
5. Enter/select the values in the form
6. Click save to save the data.



XI.4 Cell properties

Cell properties are displayed in the upper right hand side window pane (next to "Validation error" ta b) after selecting a cell in a table:

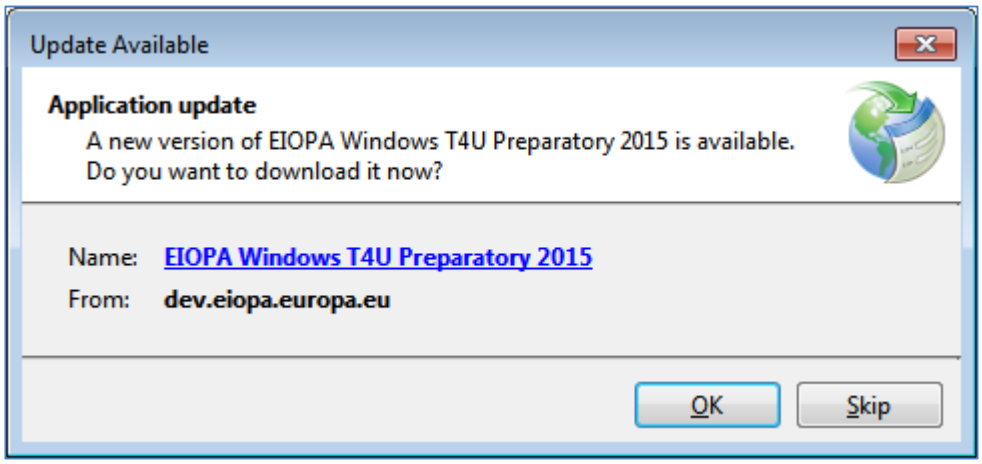

Tools for Undertakings - SolvencyII [Application version:2015.8.28.0] Dev
Multi report container
Report
Validation
XBRL
Excel
Settings
Help
Annual Solvency II reporting Solo
S.01.01.01 Appendix I: Quantitative reporting templates
S.01.02.01 Basic information - General
S.01.03.01 Basic Information - RFF and matching adjustment portfo
S.02.01.01 Balance sheet
Balance sheet
S.02.02.01 Assets and liabilities by currency
S.03.01.01 Off-balance sheet items - General
S.03.02.01 Off-balance sheet items - List of unlimited guarantees re
S.03.03.01 Off-balance sheet items - List of unlimited guarantees pr
S.04.01.01 Activity by country
Validation error
Cell properties
Container validation
Source
Signature
Dimensi... Code
Dimensi... Label
Member Code
Member Label
MD s2c_dim:... VG Valuation... x80 Solvency II
HD s2c_dim:... BC Basic co... x3 Assets
HD s2c_dim:... AS Type of ... x7 Bonds
HD s2c_dim:... IO Investme... x7 Investment
MD s2c_dim:... BL Line of b... x91 Neither unit-linked nor index-linked
HD MET(s2h... MET_HD HD Metric mi1 Monetary
MD MET(s2... MET_MD MD Metric mi213 Metric: Monetary|BC/Assets|AS/Bonds|IO/Investment
Save
Cancel
Mark as not reported
Solvency II value
Statutory accounts value
C0010
C0020
Assets
Goodwill R0010
Deferred acquisition costs R0020
Intangible assets R0030
Deferred tax assets R0040
Pension benefit surplus R0050
Property, plant equipment held for own use R0060
Investments (other than assets held for index-linked and unit-linked contracts) R0070
Property (other than for own use) R0080
Holdings in related undertakings, including participations R0090
Equities R0100
Equities - listed R0110
Equities - unlisted R0120
Bonds R0130
Government Bonds R0140
Annual Solvency II reporting Solo
S.01.01.01 Appendix I: Quantitative reporting templates
S.01.02.01 Basic information - General
S.01.03.01 Basic Information - RFF and matching adjustment portfo
S.02.01.01 Balance sheet
Balance sheet
S.02.02.01 Assets and liabilities by currency
S.03.01.01 Off-balance sheet items - General
S.03.02.01 Off-balance sheet items - List of unlimited guarantees re
S.03.03.01 Off-balance sheet items - List of unlimited guarantees pr
S.04.01.01 Activity by country
Validation error
Cell properties
Container validation
Source
Signature
Dimensi... Code
Dimensi... Label
Member Code
Member Label
MD s2c_dim:... VG Valuation... x80 Solvency II
HD s2c_dim:... BC Basic co... x3 Assets
HD s2c_dim:... AS Type of ... x175 Government Bonds
HD s2c_dim:... IO Investme... x7 Investment
MD s2c_dim:... BL Line of b... x91 Neither unit-linked nor index-linked
HD MET(s2h... MET_HD HD Metric mi1 Monetary
MD MET(s2... MET_MD MD Metric mi212 Metric: Monetary|BC/Assets|AS/Government Bonds|IO/Investment
Save
Cancel
Mark as not reported
Solvency II value
Statutory accounts value
C0010
C0020
Assets
Goodwill R0010
Deferred acquisition costs R0020
Intangible assets R0030
Deferred tax assets R0040
Pension benefit surplus R0050
Property, plant equipment held for own use R0060
Investments (other than assets held for index-linked and unit-linked contracts) R0070
Property (other than for own use) R0080
Holdings in related undertakings, including participations R0090
Equities R0100
Equities - listed R0110
Equities - unlisted R0120
Bonds R0130
Government Bonds R0140
Corporate Bonds R0150

XII Application Update

XII.1 Detecting application updates:

After the installation, whenever the user launching the application, the application checks for updates and if any updates available. Then it will be downloaded and installed in the user's machine.

Note
The user's needs to click OK button to install the updates.

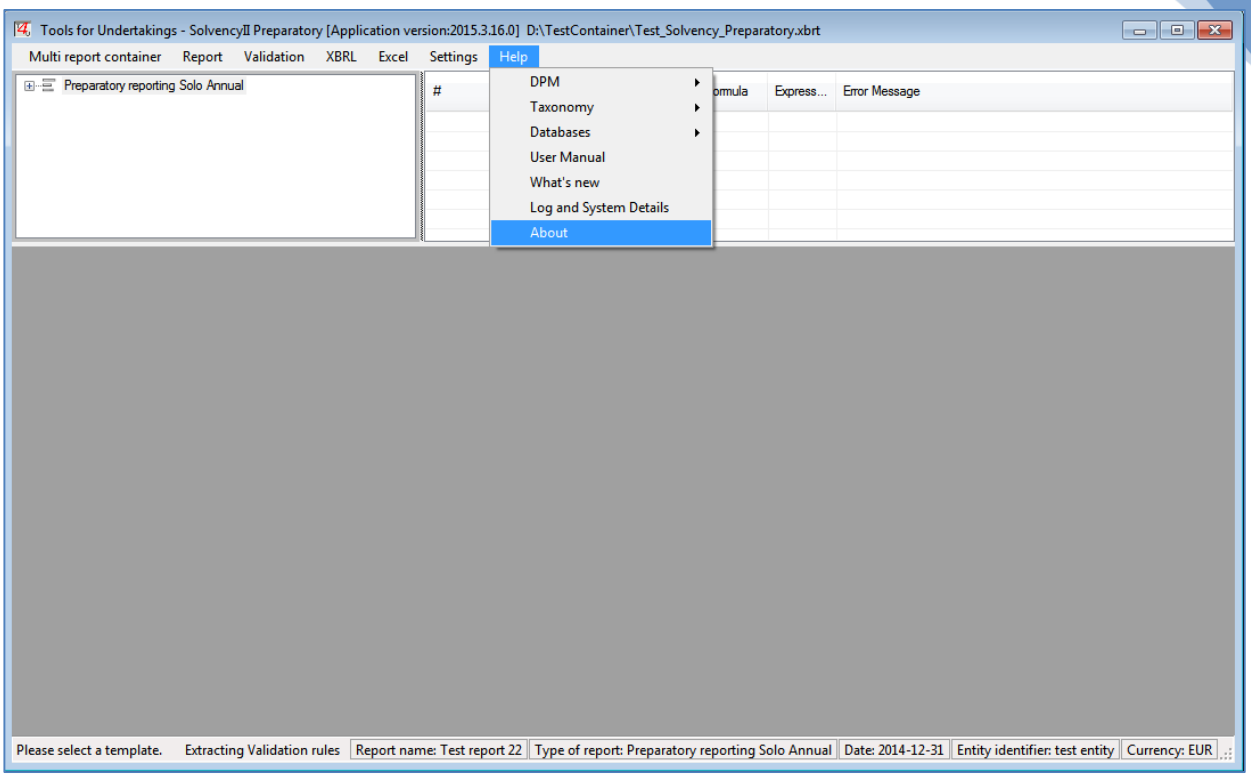


XII.2 Check for updates:

Also the user can verify for the update after launching the application. By using the **About** menu, If any updates available then it will be get installed and the application will get restart.

Steps to check for the update:

1. Select the Help menu.
2. On the Help menu, select the **About** menu.
3. The user can check for any updates available for the application, by clicking the **Check for updates** button.


Tools for Undertakings - SolvencyII Preparatory [Application version:2015.3.16.0] D:\TestContainer\Test_Solvency_Preparatory.xbrt
Multi report container
Report
Validation
XBRL
Excel
Settings
Help
Preparatory reporting Solo Annual
#
Express...
Error Message
DPM
Taxonomy
Databases
User Manual
What's new
Log and System Details
About
Please select a template.
Extracting Validation rules
Report name: Test report 22
Type of report: Preparatory reporting Solo Annual
Date: 2014-12-31
Entity identifier: test entity
Currency: EUR

About
EUROPEAN INSURANCE
AND OCCUPATIONAL PENSIONS AUTHORITY
EUROPEAN SYSTEM OF FINANCIAL SUPERVISION
eXtensible Business Reporting Language
T4U version number >>> 2015.6.30.0 (64 bit)
Arelle Version >>> Arelle(r) 64bit 2015-06-09 06:06 UTC
Click Once deployment version >>> 2015.6.22.2
Supported DataBase Version >>> 2015.06.30
Supported Excel Template Version >>> 2015.06.30
Supported Excel Template Version (Preparatory) >>> 2015.06.30
Supported DataBase Version (Preparatory) >>> 2015.06.30
Dotnet Framework Version >>> 4.0.0.0
Installed Path >>> C:\Users\rengarajanvi\AppData\Local\Apps
\2.0\VA206ZWK.NEC
Check for Updates
Ok

XIII Migration

The migration feature converts the container from non-supporting version to supporting version with data.

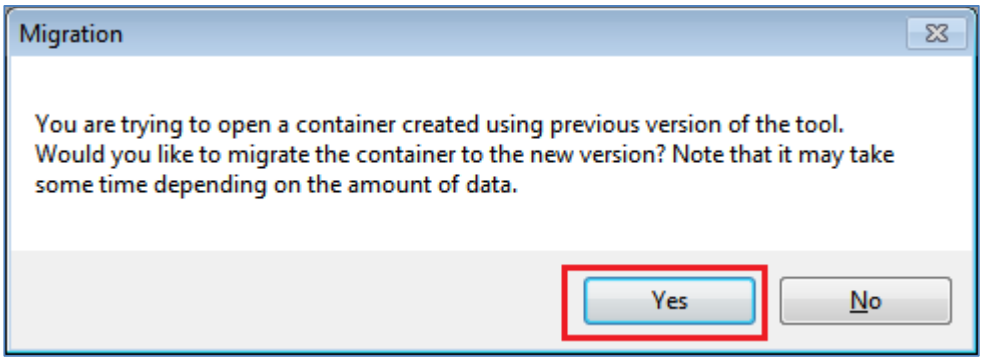
Currently the container created on or after 10-Februauary-2015 are supported for migration.

How Migration works:

1. Exports all the instances to XBRL files from the source container.
2. Creates the latest copy of the container.
3. Imports all the instances into the latest new container.

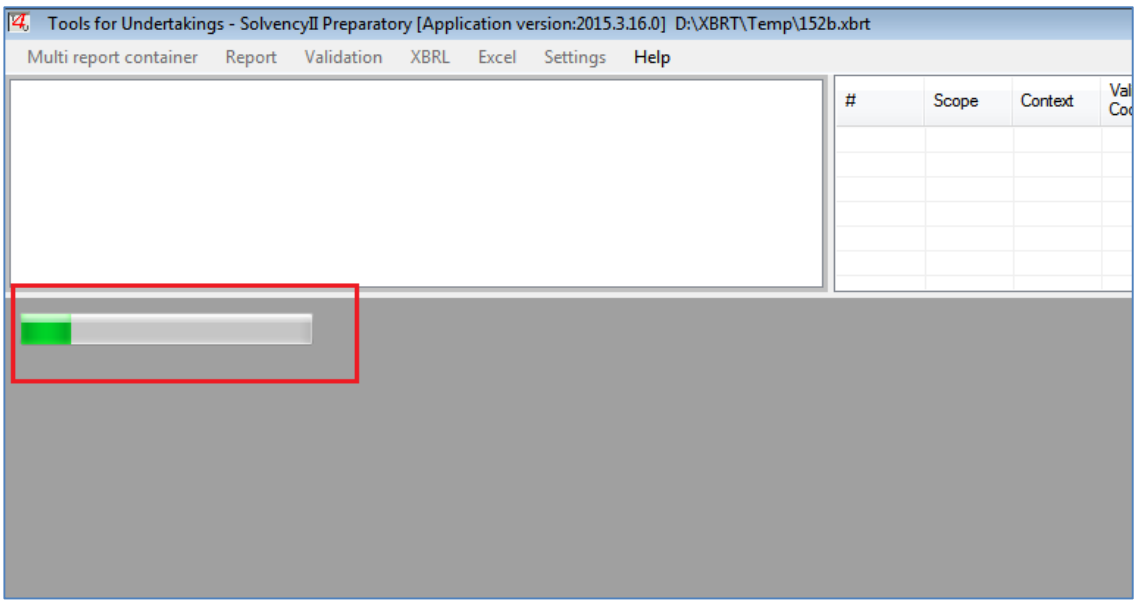
Example scenario – Container Version that supports migration:

If the user launches/opens the container with 1.5.2 b taxonomy. The Windows T4U tool identifies then the below sequence of operation will be executed.



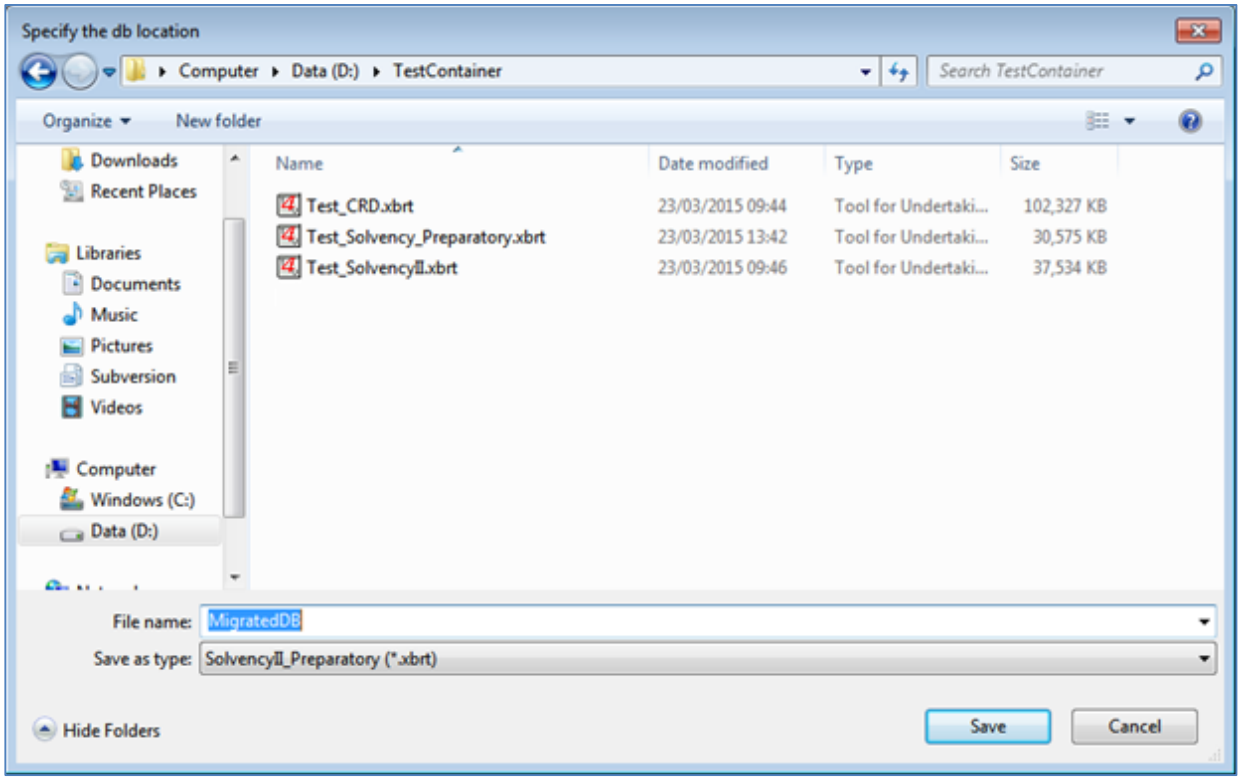
The user needs to click on **YES** to start the migration process.

Progress:

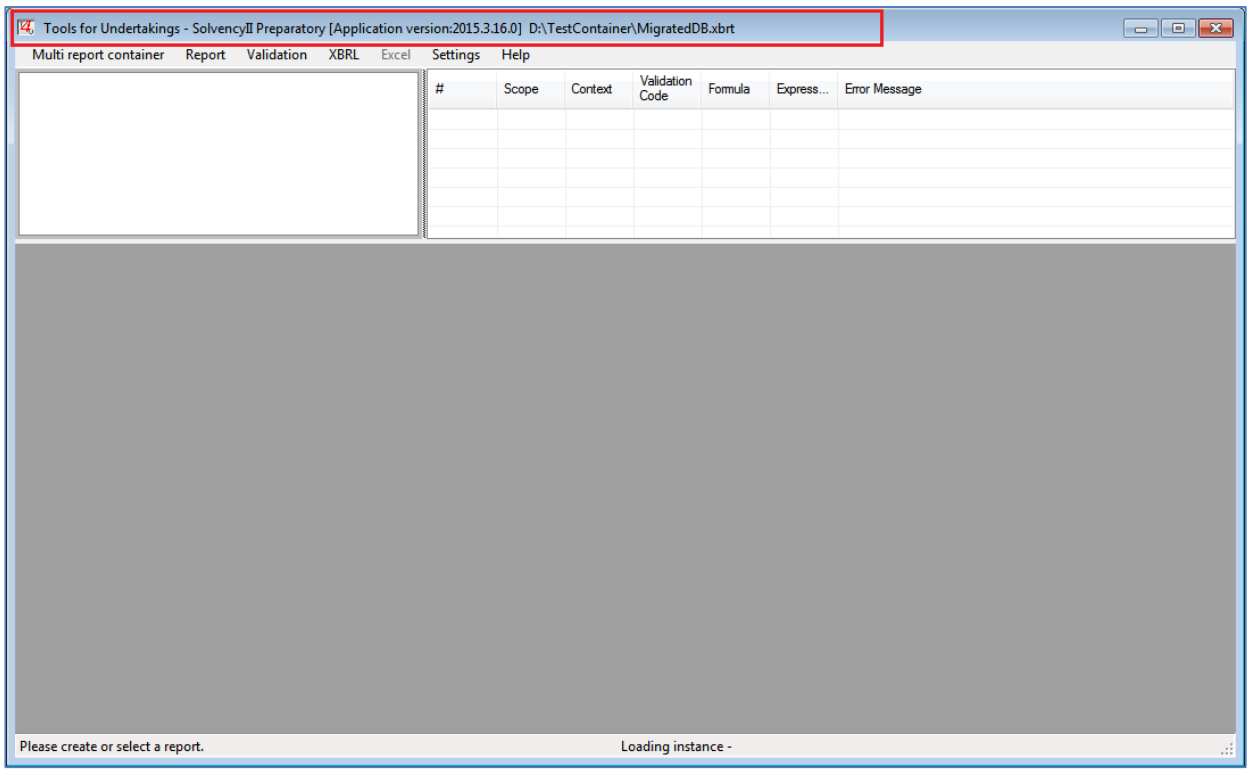


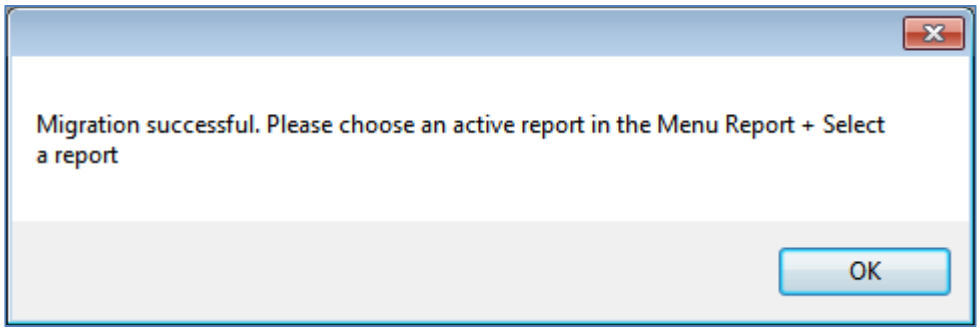
Save the migrated container:

Specify the location to save the migrated container:



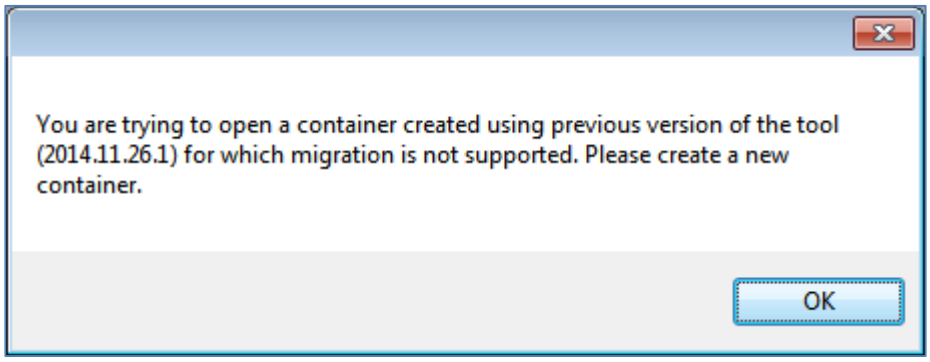
After migration is successful the migrated container will get connected with the Windows T4U automatically & select the report to proceed further.





Scenario – Container Version that not supports migration:

If the container not supports migration then the application will show the below error message to the user.



XIV Utilities

XIV.1 Command line utility: - Import XBRL & export excel

The Solvency II GUI with command prompt support has been implemented for the functionality to export the XRBL content in the excel file by providing input as XBRL files.

The file path should be within "" quotes only.

The command line utility is located in the application installed path. The steps to find the installation path are given below.

1. Select the **Help** menu.
2. On the **Help** menu, select the **About** menu.
3. The user can verify the **Application deployed path** information's through the popup dialog window.
4. Click on the Folder icon can navigate to the application installed path.

Syntax:

SolvencyII.GUI
-Console
-iXBRL
"<<input XBRL file path>>"
-oExcel
"<<output excel file path>>"
"<<its optional parameter, the user can specify the container needs to be used>>"

Arguments:

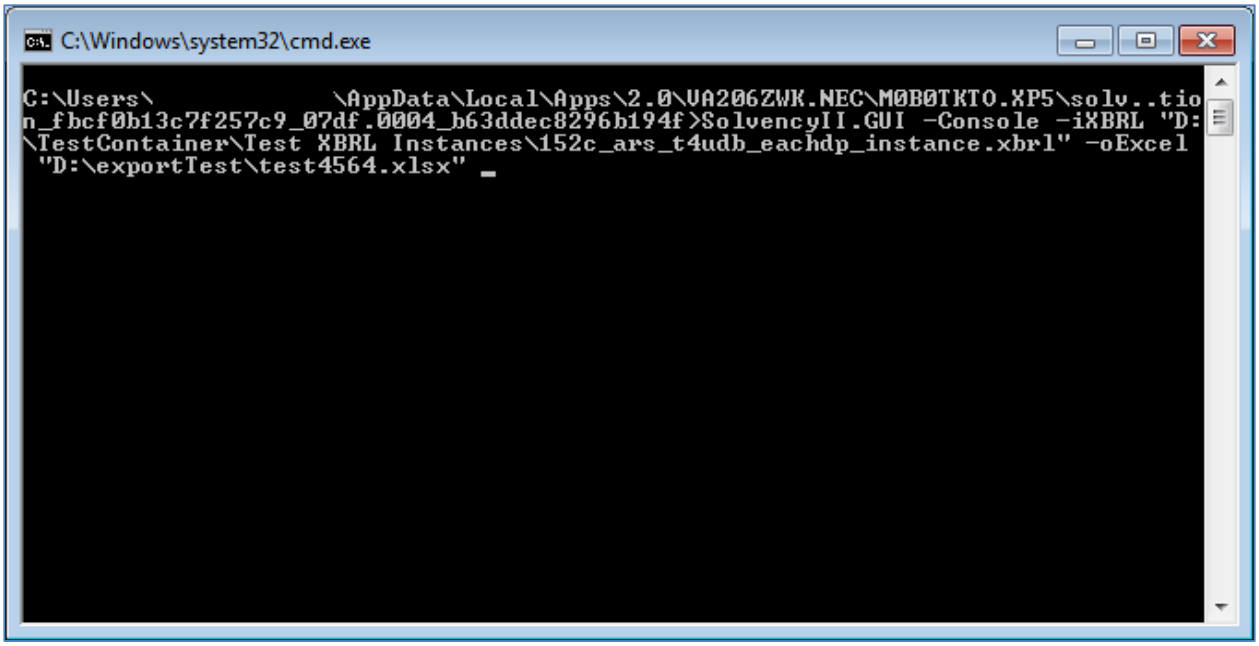
SolvencyII.GUI
args[0]
args[1]
args[2]
args[3]
args[4]
args[5]

Parameters	Parameter	Detail
args[0]	-Console	To enable Solvency II GUI in console mode
args[1]	-IXBRL	no case sensitive, Input XBRL
args[2]	XBRL file location	File path
args[3]	-OEXCEL	no case sensitive, Output Excel
args[4]	Destination Excel location	File path
args[5]	Optional - Container location	If the container path is not provided, then the temporary container will be created

Example (container information not specified):

SolvencyII.GUI -Console -iXBRL "D:\TestContainer\Test XBRL Instances\152c_ars_t4udb_eachdp_instance.xbrl" -oExcel "D:\exportTest\test.xlsx"

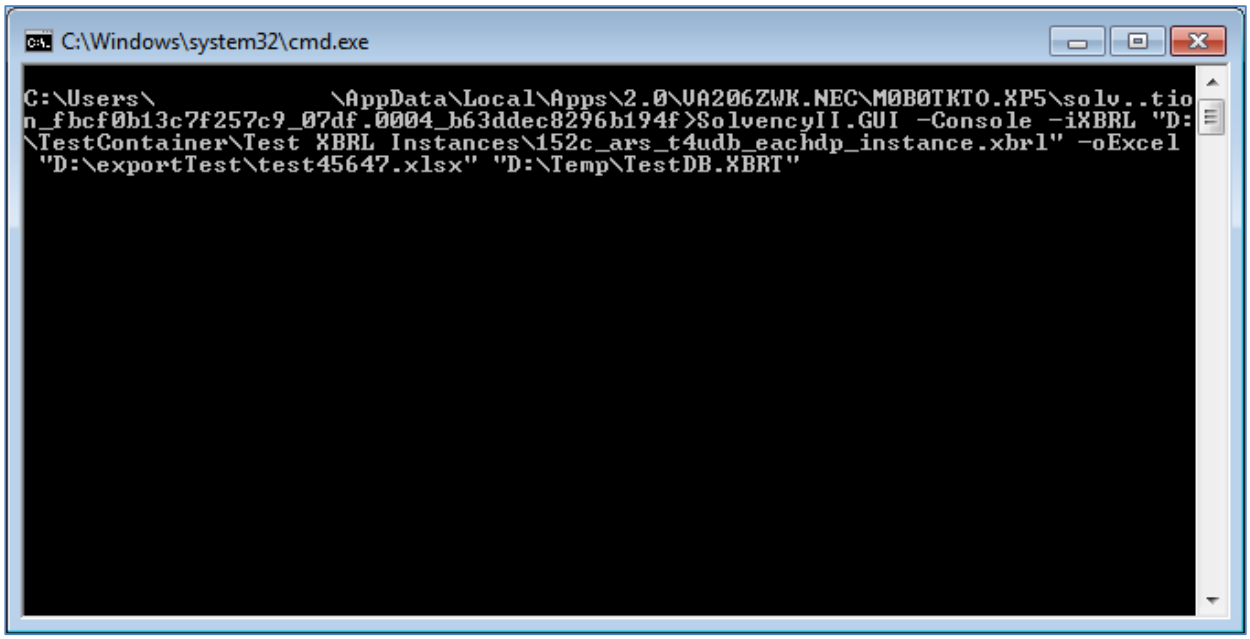
152c_ars_t4udb_eachdp_instance.xbrl ➔ input XBRL file
test4564.xlsx ➔ imported XBRL file is exported in the specified excel file (test.xlsx)



Example (container information specified):

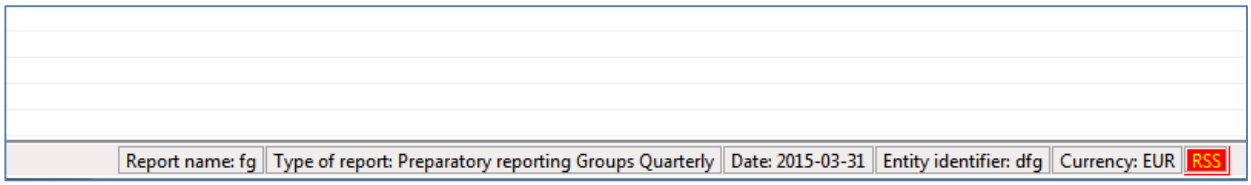
SolvencyII.GUI -Console -iXBRL "D:\TestContainer\Test XBRL Instances\152c_ars_t4udb_eachdp_instance.xbrl" -oExcel "D:\exportTest\test.xlsx" "D:\Temp\TestDB.XBRT"

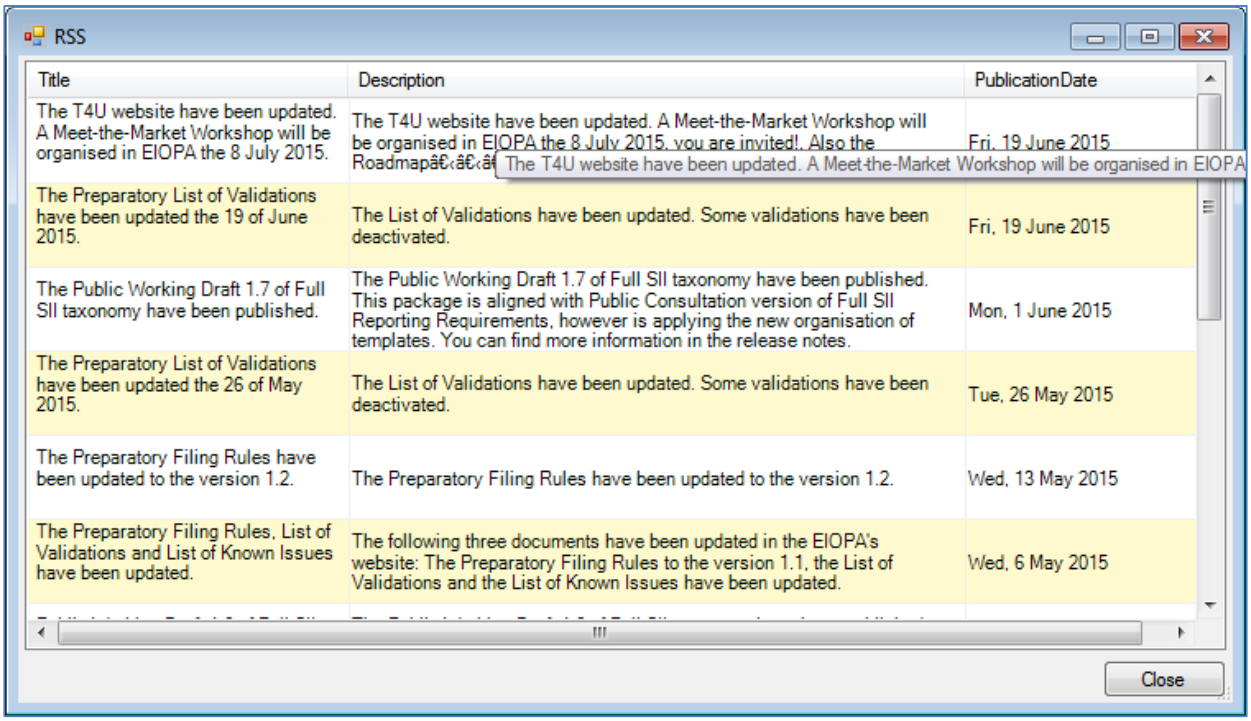
152c_ars_t4udb_eachdp_instance.xbrl ➔ input XBRL file
test4564.xlsx ➔ imported XBRL file is exported in the specified excel file (test.xlsx)
TestDB.XBRT ➔ container file is used to import the XBRL files.



XIV.2 RSS

Right click on the status bar on the test **RSS** to view the RSS update.





XV Troubleshooting\FAQ

1. Registry Setting:
   The settings required for the application is stored in the below path in the registry.
   Computer➔HKEY_CURRENT_USER➔Software➔EIOPA➔WINDOWS_T4U_PREP_2015
2. Application installation path:
   The applications will be always installed in a system-managed user-specific folder. Normally it will be like…
   C:\Users\<<username>>\AppData\Local\Apps\2.0
3. The application installations are always for the current user only. If the multiple users on a machine install the same software you end up with multiple copies of your application files.
4. Support Contact details:
5. Admin rights is required to install the Dot net framework, if the machine already meets the minimum prerequisites then the admin rights is not required.
6. Admin rights is not required to update the application.
7. The application version details will be available in the Help➔About menu.
8. To create/import the report, the container creation is the prerequisite.
9. To export the report, the report creation is the prerequisite.
10. To export /import the data from excel, the report creation is the prerequisite.
11. The application will work in both 32/64 bit machines.

Annex

Precision of numeric facts

The aim of the T4U is to produce XBRL instance documents that are compliant with the Solvency 2 reporting requirements set by EIOPA.

From the data accuracy perspective, EIOPA requests the minimum precision of[1]:

- monetary (referring to currency unit) fact of two digits after the decimal point,
- integer facts with no digits after decimal point,
- other (percentages, pure) with four digits after the decimal point.

In order to comply with this requirement the T4U generates:

- monetary facts with minimum two digits after decimal point (if less then adds "0", e.g. 124.5 would be output as 124.50; if more than exports the actual number, e.g. 123.456 would be output as 123.456),
- integer facts with no digits after decimal point,
- other numeric facts than above with minimum four digits after decimal point (if less then adds "0", e.g. 12.45 would be output as 12.4500; if more than exports the actual number, e.g. 1.23456 would be output as 1.23456).

Percentages in Windows form and basic Excel templates shall be entered as 1 = 1%. This is further converted during the process of generation of XBRL file to 0.0100 (0.01 = 1%).

XBRL @decimals attribute is checked on import and applied on export as follows:

- Monetary amount:
  - if >= 1000 then decimals = -3 (+/-500)
  - else if >= 100 then decimals = -2 (+/-50)
  - else if >= 10 then decimals = -1 (+/-5)
  - else if >= 1 then decimals = 0 (+/-0.5)
  - else if >= 0.1 then decimal = 1 (+/- 0.05)
  - else decimals = 2 (+/-0.005)
- Decimal amount:
  - if >= 1then decimals = 0 (+/-0.5)
  - else if >= 0.1 then decimal = 1 (+/- 0.05)
  - else if >= 0.01 then decimals = 2 (+/-0.005)
  - else if > = 0.001 decimals = 3 (+/-0.0005)
  - else decimals = 4 (+/-0.00005)
- Percentage amount: decimals = 4 (+/-0.00005).

This is inline with the EIOPA Filer Manual.

Please mind that the minimum requirements set above are validated on import of an XBRL instance document to the T4U. In case the precision is not sufficient (lower) a warning is raised, otherwise (when the accuracy is higher) the data is stored as provided in the imported XBRL file but on export the precision is set to the default settings of the T4U

[1] Article 2 https://eiopa.europa.eu/Publications/Consultations/EIOPA_EIOPA-CP-14-052_ITS_Reg_Supervisory_reporting.pdf

(described above). **Please note that the actual figures are not modified, only the precision.**

Rendering of figures in the interface

For better usability and convenience Windows interface displays numbers as described in the previous paragraph (i.e. according to the minimum requirements towards precision). For example monetary figures are presented with two digits after decimal point: when a user enters "123" the displayed number is "123.00". In case a value entered/stored contains more digits after the decimal point then the required minimum the tool rounds the number (for displaying purposes only) and presents tilde sign, e.g. following number "123.4567" entered in the filed for monetary value would be presented as "123.46~". It is possible to see the full figure when the cell is active as it is stored without modification in the T4Udb. It is also not modified when exporting to XBRL (in this particular case the exported number would be 123.4567).

Rounding for validations

Validations performed in the T4U database take into account relative error (http://en.wikipedia.org/wiki/Approximation_error). Error margin is set up to 0.000001 i.e. allows for 1EUR difference per 1 000 000 EUR amount. This may be further adjusted in the future especially for smaller values (1 EUR amount allows for 0.000001EUR difference which is very strict).

Assumptions for import of XBRL instance documents

T4U is not a generic XBRL tool and therefore will not be able to process any XBRL instance document.

The aim of the tool is to facilitate/support creation of XBRL instance documents by manual data entry or import (e.g. from basic Excel templates). It is also able to consume XBRL instance documents on input but not *any* instance document (where XBRL is very flexible) but only the ones that are created based on certain rules. These include requirements of the EIOPA Filing Rules[2] that contain among other the following:

3.5 – Re-use of canonical namespace prefixes Any namespace prefixes declared in instance documents SHOULD mirror the namespace prefixes as defined by their schema author(s).

Although this rule is a "should" (in order not to put too restrictive constraints on software solutions), for T4U it is treated as MUST. Such decision was taken in order to speed up processing and simplify the implementation. Therefore in a number of places (e.g. data point signatures that the facts are checked against on XBRL import, migration to the CRTs, etc.) implementation assumes the use of canonical namespace prefixes.

The list of expected values is listed in the T4U database view *vwGetNamespacesPrefixes*.

2 https://dev.eiopa.europa.eu/Taxonomy/Preparatory/Common/EIOPA%20SII%20Preparatory%20Filing%20Rules.pdf

Importing data from the March version basic Excel files – workaround solution

This describes steps (a workaround solution) for importing of data from the March version basic Excel templates in the April (and subsequent) versions of the Windows T4U.

Additionally this document explains the details about the required correct representation format for the Percentage, Decimal & Monetary fields.

Basic Excel template version

The version information is maintained in the worksheets of the basic Excel templates. It is defined in the third row of the first column of each worksheet as presented on the screenshots below.

March version number of the basic Excel templates is: "VER:2015.03.10".

1	Column Header			
2	Row Header	S.01.02.g: Basic Information	S.02.01.g: Balance Sheet	S.06.02.g: List of assets
3	VER:2015.03.10	E:207	E:206	E:206
4		R0010C0010	R0030C0010	R0130C0010
5				

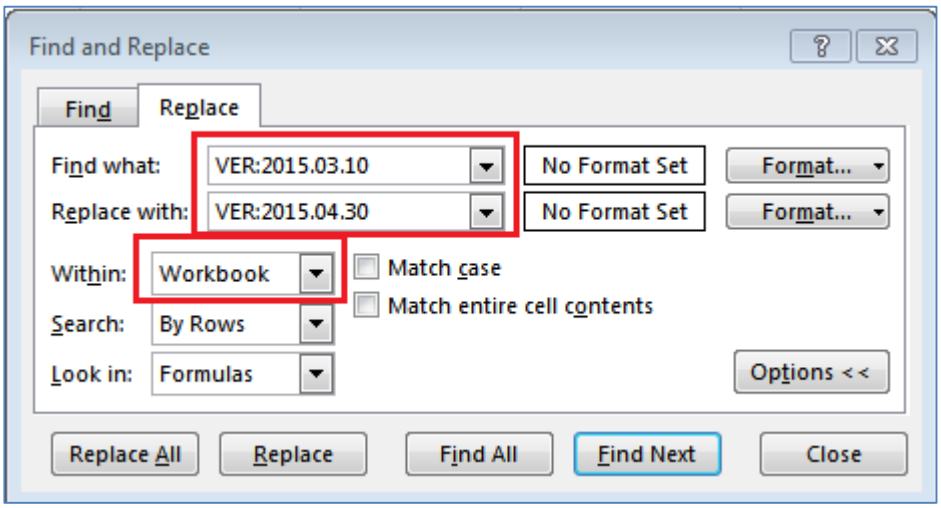
April version number of the basic Excel templates is: "VER:2015.04.30".

	A	B	C	D
1	Column Header			
2	Row Header	S.01.02.g: Basic Information	S.02.01.g: Balance Sheet	S.06.02.g: List of assets
3	VER:2015.04.30	E:207	E:206	E:206
4		R0010C0010	R0030C0010	R0130C0010
5				

Importing data from the March version basic Excel files – workaround solution

Although both versions are supported by the April release of the Windows T4U, there are some issues when importing the March version basic Excel templates.

As a workaround solution to this problem it is recommended to replace the March version number (VER:2015.03.10) with April version number (VER:2015.04.30) in the entire workbook (all worksheets) of the basic Excel template file.

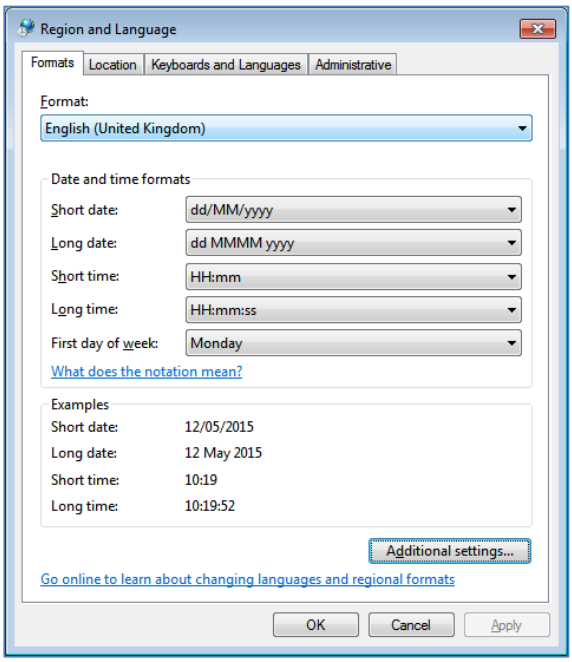


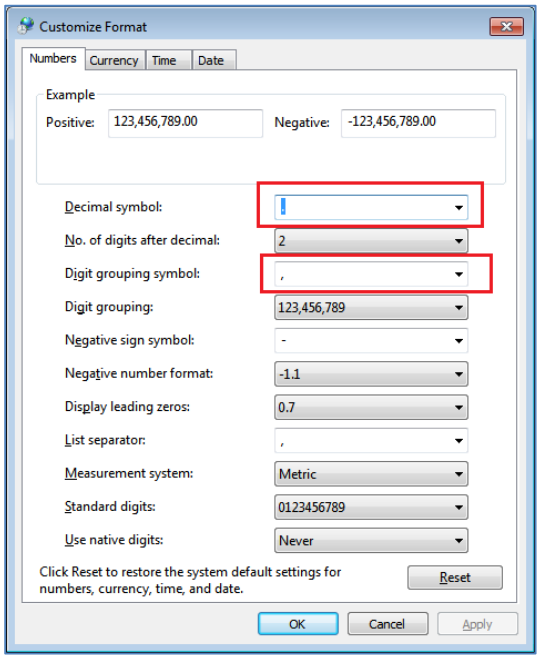
Having this fixed it shall be possible to successfully import the basic Excel template.

Please note that the representation of Percentage, Decimal and Monetary figures shall be aligned with the system localized format as explained in the next section of this document.

Required format of Percentage, Decimal and Monetary figures (Dot as a decimal representation)

In these settings the decimal point is represented as a dot "." and the digit grouping is represented as a comma ",".





Having this localization format the below are the expected/required values for data representation.

A) Percentage figures:

a. correct format:

Single name exposure 1	Single name exposure 2
Percentage	Percentage
R0110C0060	R0120C0060
0.25%	0.25%

b. incorrect format:

Single name exposure 1	Single name exposure 2
Percentage	Percentage
R0110C0060	R0120C0060
0.25%	0,25%

B) Decimal/Monetary figures:

a. correct format:

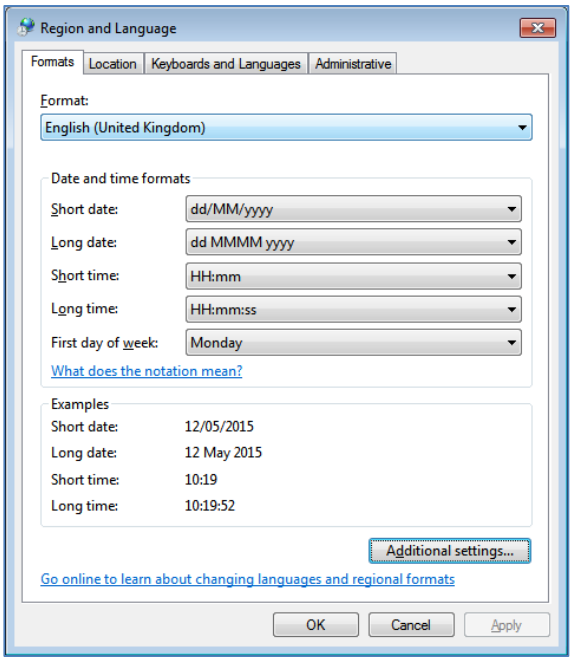
Country of custody	Quantity
E:144	Decimal
C0110	C0130
	0.5989

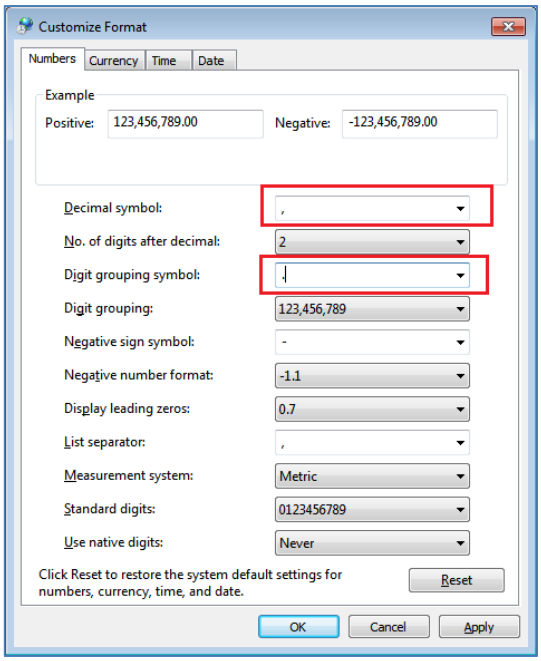
b. incorrect format:

Country of custody	Quantity
E:144	Decimal
C0110	C0130
	0,5989

Required format of Percentage, Decimal and Monetary figures (Comma as a decimal representation)

In these settings the decimal point is represented as a comma ",” and the digit grouping is represented as a dot "." (or as a space " ").





Having this localization format the below are the expected/required values for data representation.

A) Percentage figures:

a. correct format:

Single name exposure 1	Single name exposure 2
Percentage	Percentage
R0110C0060	R0120C0060
0,25%	0,25%

b. incorrect format:

Single name exposure 1	Single name exposure 2
Percentage	Percentage
R0110C0060	R0120C0060
0,25%	0.25%

A) Decimal/Monetary figures:

a. correct format:

Country of custody	Quantity
E:144	Decimal
C0110	C0130
	0,5989

a. incorrect format:

Country of custody	Quantity
E:144	Decimal
C0110	C0130
	0.5989