



Tool for Undertaking

User Manual

October 2016 Release



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I Getting Started

I.1 Purpose

The objective of EIOPA's Tool for Undertakings project is to provide insurance firms with a simple and basic software tool to create and validate XBRL instances from Solvency II harmonized quantitative reporting templates.

The tool is oriented toward small and medium sized undertakings to create, edit, correct, complete and validate XBRL instance documents. It is designed to help firms without XBRL knowledge to implement Solvency II harmonized quantitative reporting in XBRL. In particular, the T4U aims to assist undertakings that might suffer from a lack of resources to create XBRL in time for the first submission.

The core functionalities of the T4U are:

- Provide a user friendly interface for displaying Solvency II templates,
- Support manual data input and validation;
- Create, read and validate XBRL reports;
- Validate and view XBRL reports created by the tool using a third-party viewer and validator (Arelle);
- Support simple export/import capabilities for Microsoft Excel (plain files).

More information about the T4U project can be found at <http://t4u.eurofiling.info/> and <https://eiopa.europa.eu/regulation-supervision/insurance/tool-for-undertakings>.

I.2 Audience

This document is aimed at users of the Tool for undertaking.

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	10 / 8.1 / 8.0 / 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

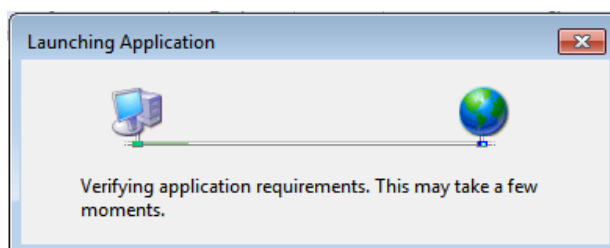
II.3 Steps to install Windows T4U

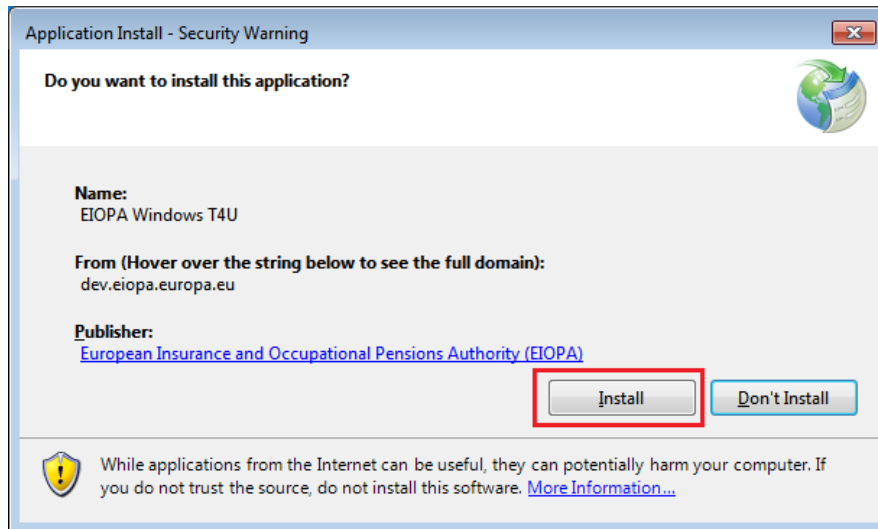
II.3.1 Already meets the minimal requirements (recommended installation)

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

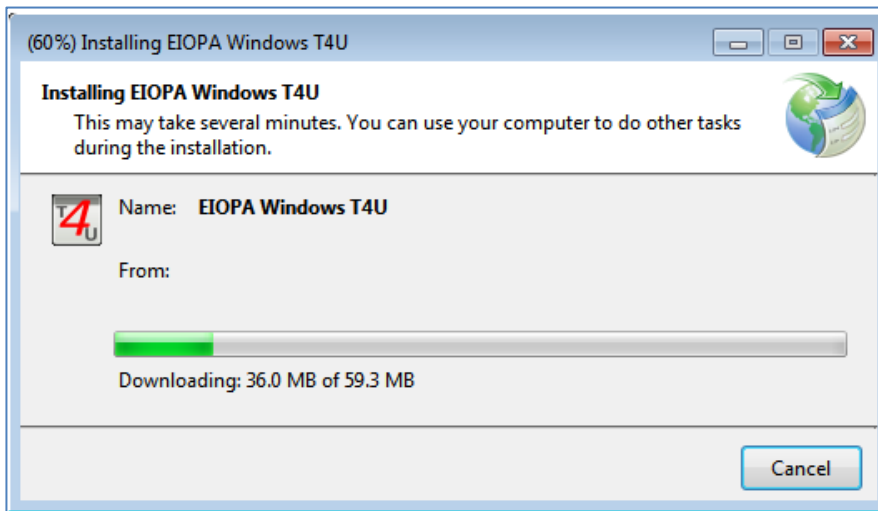
http://dev.eiopa.europa.eu/XBRT/Deployment/2016/WindowsT4U_FULL_S2/PRO/SolvencyII_T4U_FULL_2016_PRO.application

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

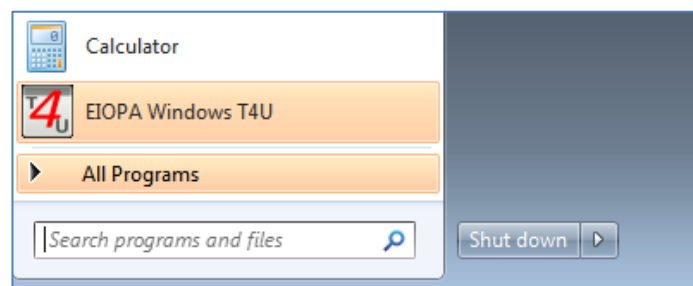




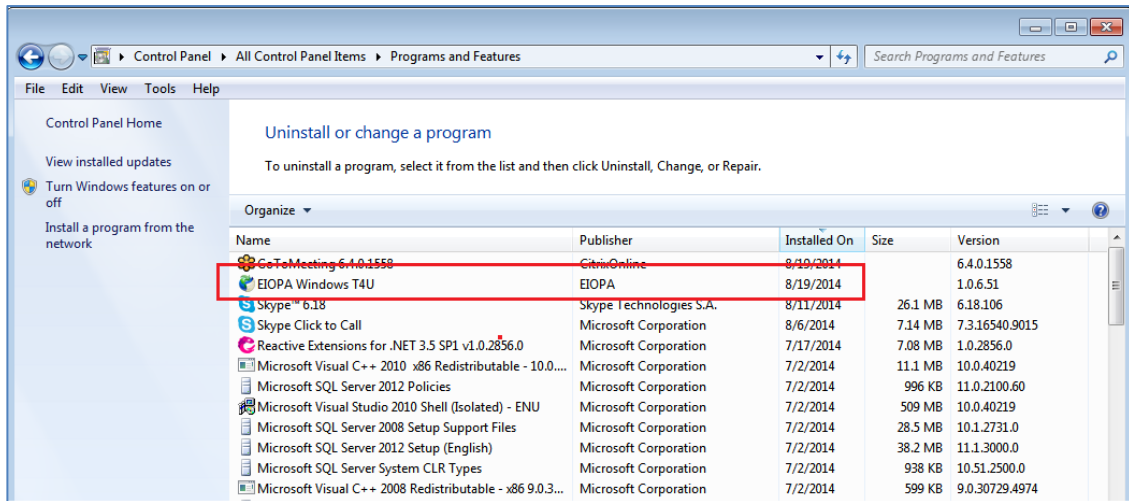
3. This installer window displays a progress bar.



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



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



- Sample Installation Folder structure:

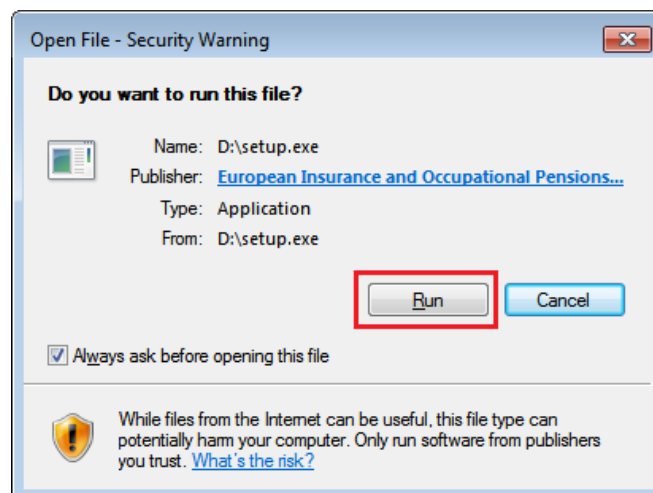
C:\Users\<<username>>\AppData\Local\Apps\2.0

- 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)

- If you do not have the minimal requirements, Use your Web browser to navigate to the following url:
- <https://eioipa.europa.eu/regulation-supervision/insurance/tool-for-undertakings>
- Download the "Standalone package" for a required version.
- Unzip the package and execute/double click the setup.exe file.
- The Open file dialog box will appear.

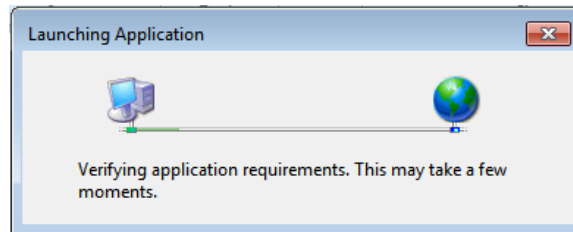


- Click Run.

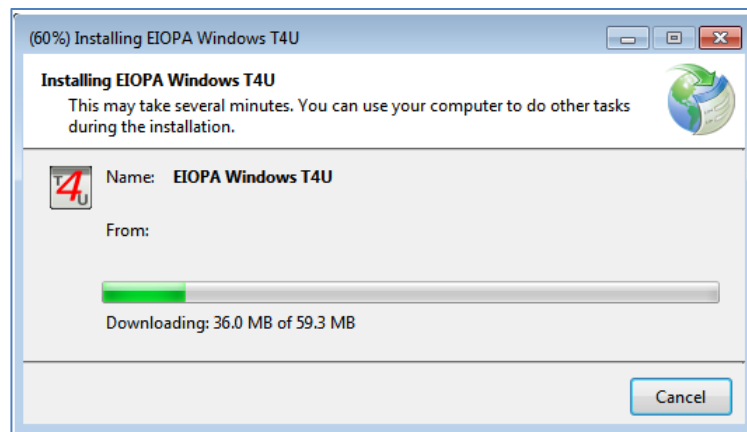
7. If its first time installation then Click Once will give them an opportunity to first installs any prerequisites (such as the .NET 3.5 Framework). With the prerequisites completed, Click Once will install the application.

Note: Admin rights may require to install the prerequisites.

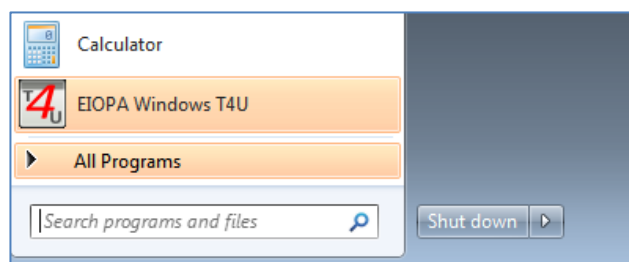
8. Click **Install** in the application installation dialog box.



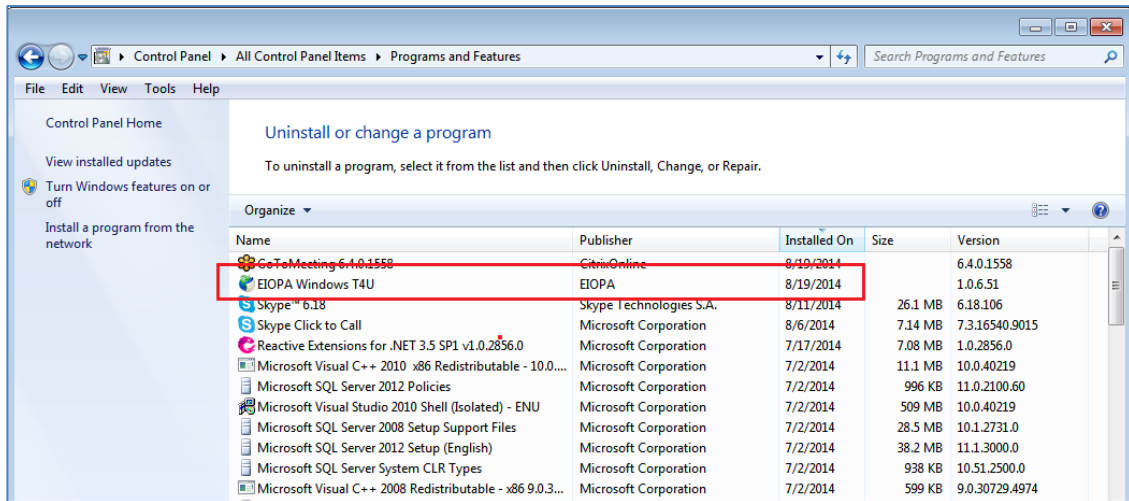
9. This installer window displays a progress bar.



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



10. Sample Installation Folder structure:

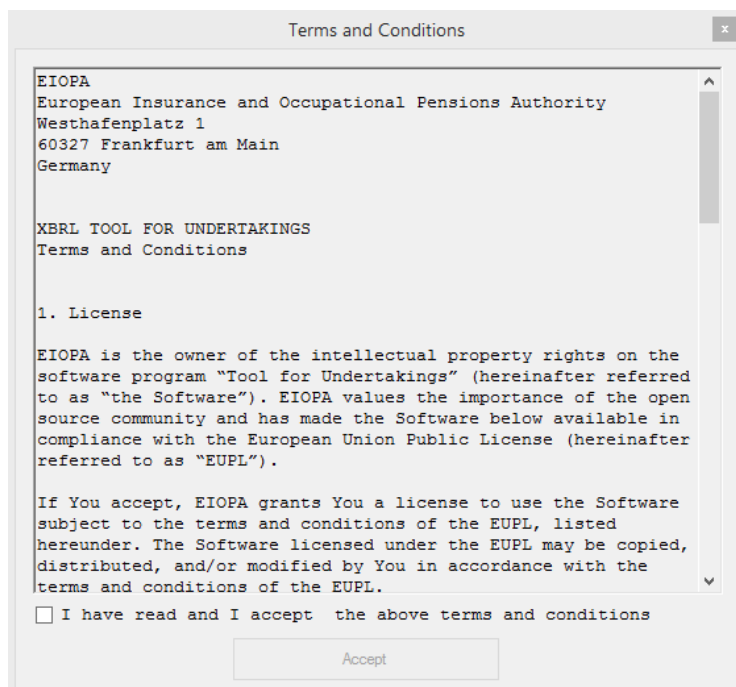
C:\Users\<<username>>\AppData\Local\Apps\2.0

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

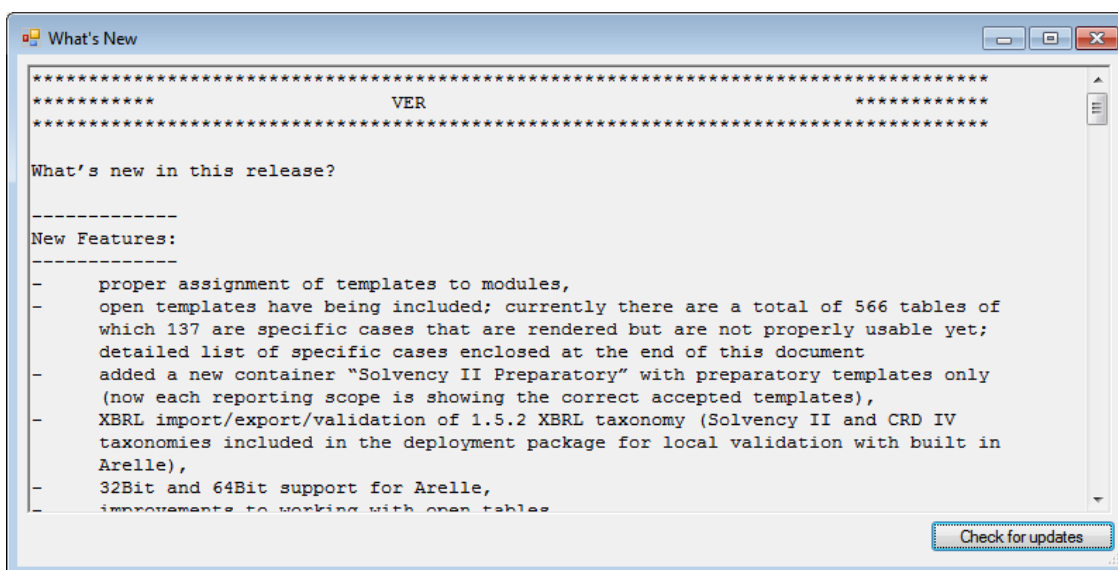
Terms and Conditions:

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?

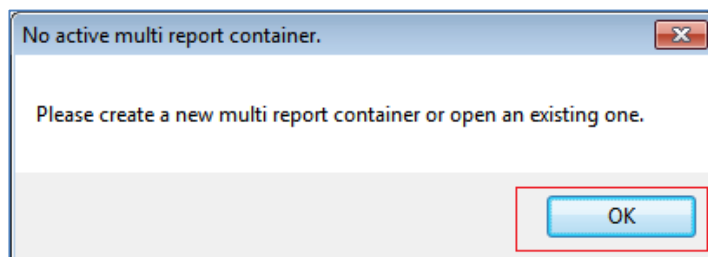
What's New window will appear every time after the successful new installation/application update.



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.

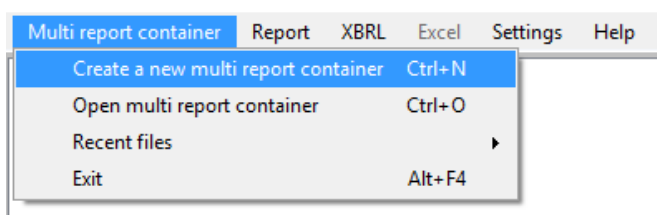


IV File/Multi report container

IV.1 Create a new multi report container

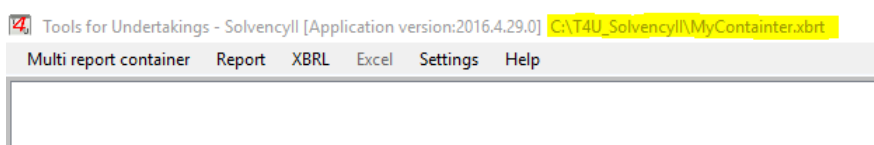
A container is an individual file that can storage one or more reports. The user can create the container for Solvency II.

1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select **Create a new multi report container** menu.
3. Provide the file name and path in the **Create Solvency II multiport container** dialog box.
4. Click **Save** to create the container file.
5. The application will create the container file in the provided location.



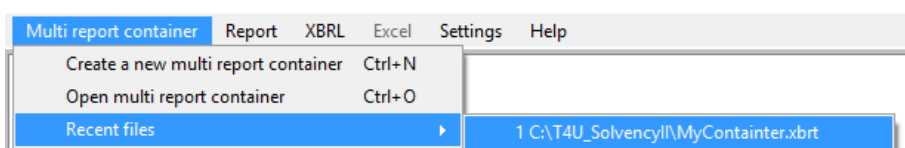
IV.2 Open multi report container

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 Solvency II 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

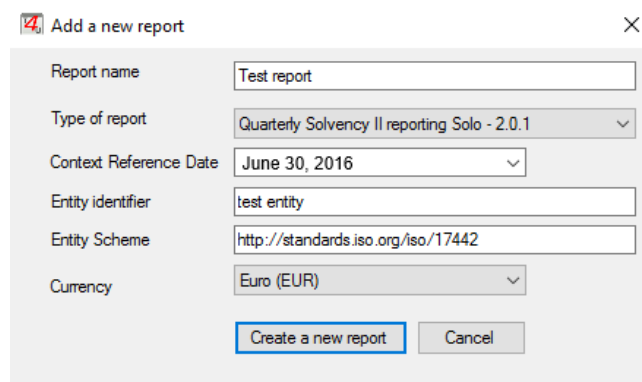
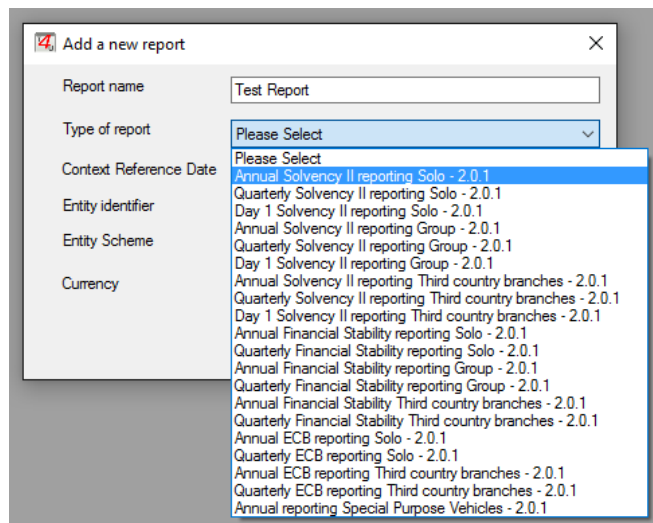
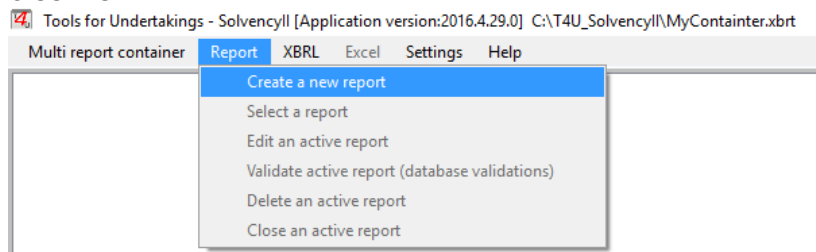
1. Select the **Multi report container** menu.
2. On the **Multi report container** menu, select the **Exit** menu.
3. The application will get closed.

V Report

V.1 Create a new report

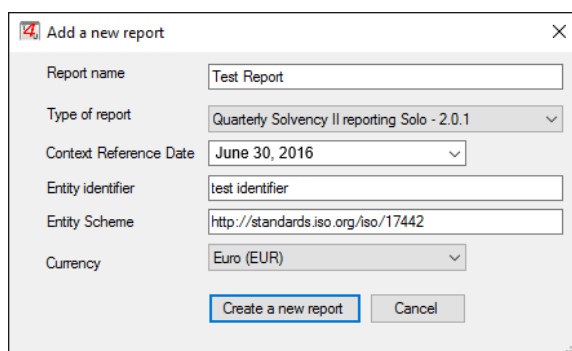
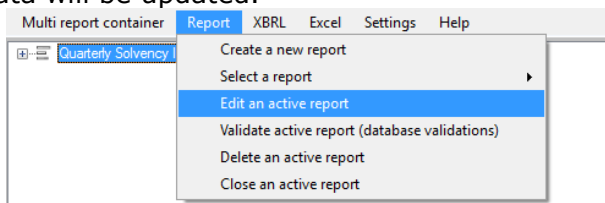
Prerequisite: The Container/File should be created before to create the report.

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.
 - Report name (internal name)
 - Type of report (module/entry point)
 - Context Reference Date
 - Entity identifier
 - Entity Scheme
 - 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.



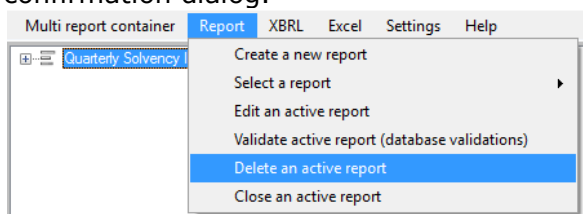
V.2 Edit an active report

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.
 - a. Report name (internal name)
 - b. Context Reference Date
 - c. Entity identifier
 - d. Entity Scheme
 - e. Currency
4. Click on **Update** button.
5. Report set up data will be updated.



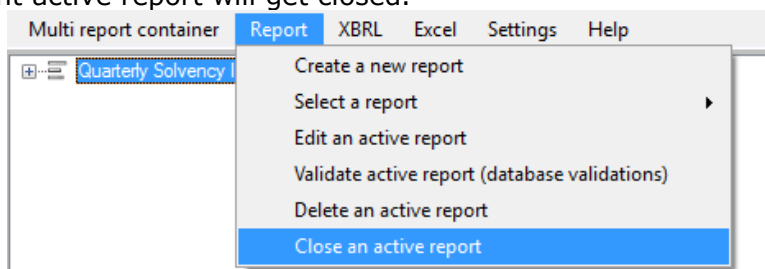
V.3 Delete an active report

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



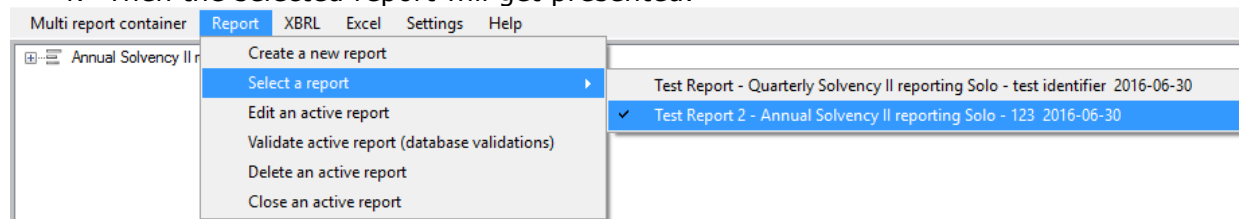
V.4 Close an active report

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 reports in the active container.
4. Then the selected report will get presented.



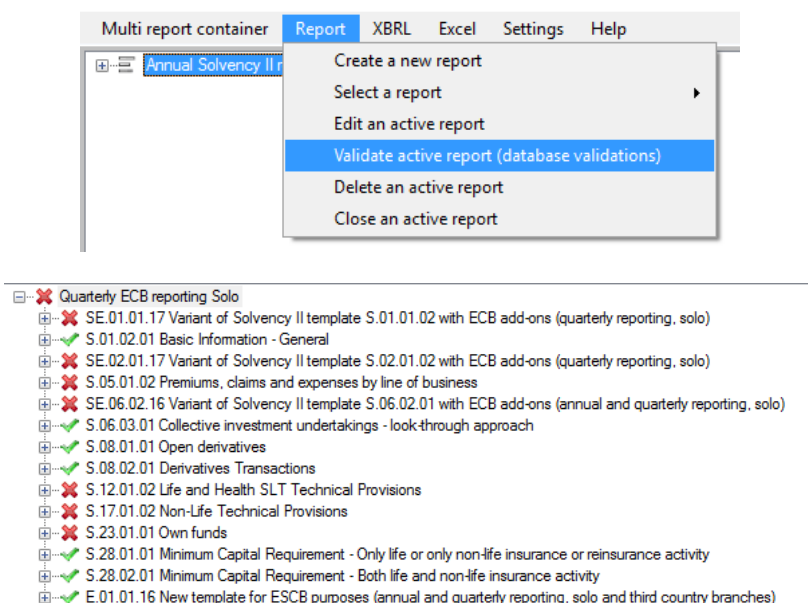
V.6 Validate active report (database validations)

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

1. Select the **Report** menu.
2. 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 S.02.01.02.01

Formula to calculate Subordinate liabilities:

Subordinate liabilities = {Subordinate liabilities not in Basic Own Funds
+ (ADD)
Subordinate liabilities in Basic Own Funds

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.

Multi report container Report XBRL Excel Settings Help

Validation error Cell properties

#	Scope	C.	Validation Code	Formula
214	S.02.01.02.01		BV326_1-3	559299264.35 = 516310286.42 + 8450013.01 + 856386670.08
215	S.02.01.02.01		BV327_1-3	476141873.33 = 768780450.43 + 635229274.53 + 192241105.74
216	S.02.01.02.01		BV328_1-3	559299264.35 = 516310286.42 + 8450013.01 + 856386670.08
217	S.02.01.02.01		BV329_1-3	559299264.35 = 516310286.42 + 8450013.01 + 856386670.08
218	S.02.01.02.01		BV330_1-3	559299264.35 = 516310286.42 + 8450013.01 + 856386670.08
219	S.05.01.02.01		BV405-2	556803265.2 = 296482289.12 + 97896763.58 - 358096446.01
220	S.05.01.02.01		BV405-2	132026648.66 = 767462707.2 + 79219654.3 - 651542249.89
221	S.05.01.02.01		BV405-2	349882260.34 = 622321022.96 + 876870865.69 - 483944242.34
222	S.05.01.02.01		BV405-2	159942238.9 = 139858018.71 + 898811761.59 - 389693577.56
223	S.05.01.02.01		BV405-2	196052043.23 = 477892910.24 + 15662261.63 - 225328319.96
224	S.05.01.02.01		BV405-2	630731841.5 = 172458048.04 + 687588552.98 - 956883365.0
225	S.05.01.02.01		BV405-2	517212578.62 = 758630677.23 + 923210465.24 - 996671712.94
226	S.05.01.02.01		BV405-2	239318757.55 = 315975425.31 + 687409405.06 - 166845904.96
227	S.05.01.02.01		BV405-2	183912050.21 = 554965261.49 + 409325823.88 - 15510310.06
228	S.05.01.02.01		BV405-2	192310850.08 = 25277552.31 + 583208649.02 - 136957667.86
229	S.05.01.02.01		BV405-2	652798675.2 = 417617252.59 + 913103008.66 - 56942633.48
230	S.05.01.02.01		BV405-2	921925716.77 = 551491059.03 + 729691182.67 - 342060806.61
231	S.05.01.02.01		BV406-2	568810039.92 = 36729768.35 - 279371922.43

Save Cancel Mark as not reported

Solvency II value

C0010

Technical provisions - index-linked and unit-linked	HU630	4/6 141 8/3.33
Technical provisions calculated as a whole	R0700	768 780 450.43
Best Estimate	R0710	635 229 274.53
Risk margin	R0720	192 241 105.74
Other technical provisions	R0730	
Contingent liabilities	R0740	541 048 295.53
Provisions other than technical provisions	R0750	949 445 671.93
Pension benefit obligations	R0760	758 611 453.07
Deposits from reinsurers	R0770	243 125 148.06
Deferred tax liabilities	R0780	590 698 385.03
Derivatives	R0790	299 309 952.33
Debts owed to credit institutions	R0800	943 301 823.56
Financial liabilities other than debts owed to credit institutions	R0810	529 244 630.44
Insurance intermediaries payables	R0820	104 677 441.50
Reinsurance payables	R0830	674 931 546.10
Payables (trade, not insurance)	R0840	637 994 705.60
Subordinated liabilities	R0850	939 796 703.52
Subordinated liabilities not in Basic Own Funds	R0860	766 885 382.62
Subordinated liabilities in Basic Own Funds	R0870	285 065 076.59
Any other liabilities, not elsewhere shown	R0880	633 122 988.86
Total liabilities	R0900	124 001 892.86

Validation error Cell properties

#	Scope	C.	Validation Code	Formula	Expression
370	S.01.01.02.01		Content.S.01.01...	Mismatch between the entry in the content table and filing indicator fo...	
371	S.02.01.02.01, S.12....		BV138-2	634705134.47 = 313758846.37 + 871030605.18 + 574952797.1 + 7...	{S.02.01.02.01, r...
372	S.02.01.02.01, S.23....		BV139-2	285065076.59 = 785193657.1	{S.02.01.02.01, r...
373	S.02.01.02.01, S.12....		BV379_1-2	2096059	{S.02.01.02.01, r...
374	S.02.01.02.01, S.12....		BV382_1-2	8813212	{S.02.01.02.01, r...
375	S.02.01.02.01, S.12....		BV384_1-2	414423698.26 = 940988879.27 + 447985202.94	{S.02.01.02.01, r...
376	S.02.01.02.01, S.12....		BV389-1	856386670.08 <= 823502754.94 - 25089534.95 + 97867552.81 - 31...	{S.02.01.02.01, r...
377	S.02.01.02.01, S.17....		BV392_1-2	743570438.73 + 836720472.52 = 811284206.42 + 418788165.91	{S.02.01.02.01, r...

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.

Validation Code: BV139-2

Scope: S.02.01.02.01 Validation code: BV139-2

Context: 0

Error message: BV139: The "Subordinated liabilities in Basic Own Funds" reported in templ

Formula: 285065076.59 = 785193657.1

Cells: S.02.01.02.01.r0870.c0010;S.23.01.01.01.r0140.c0010

Expression: {S.02.01.02.01, r0870.c0010} = {S.23.01.01.01, r0140.c0010}

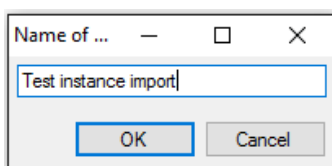
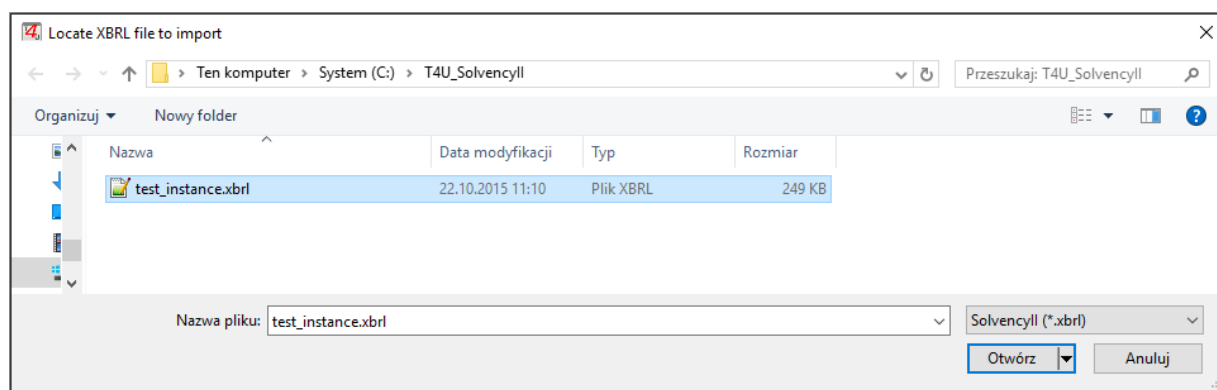
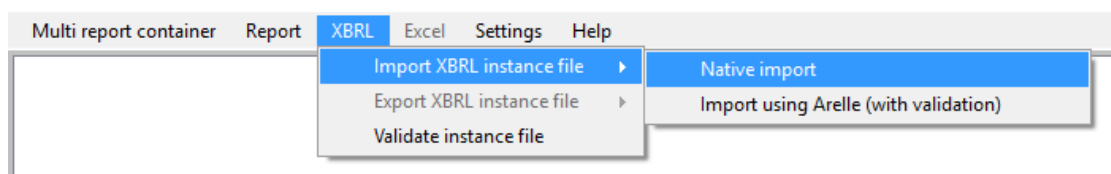
VI XBRL

VI.1 Import XBRL instance file

VI.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.



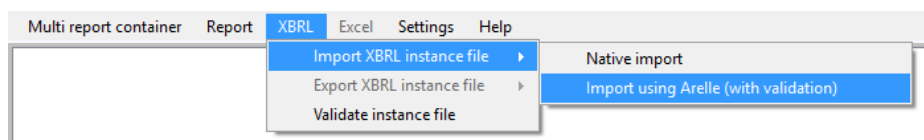
Scenario (the below window will be shown if any errors or warnings occur during import operation):

Data Point Signature	Message Code	Severity	Value
	EIOPA.S.2.8.c	error	Context has lexically invalid LEI: W4MZU16K8XDV0QTSEEI9.
MET(s2md_met:si1504)	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1504
MET(s2md_met:si1899)	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1899
MET(s2md_met:si1376) s2c_dim:CE (<s2c_typeID>LEI/7ZHHFC70GDNZP1W5 IBA</s2c_typeID>) s2c_dim:IV (<s2c_typeID>ISIN/JN6192225883</s2c_t...	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1376
MET(s2md_met:si1376) s2c_dim:CE (<s2c_typeID>LEI/1ISBB0L8XCC3TYRVWV VH</s2c_typeID>) s2c_dim:IV (<s2c_typeID>ISIN/XF8097308641</s2c_t...	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1376
MET(s2md_met:si1376) s2c_dim:CE (<s2c_typeID>LEI/QB7DENSAT1S3Z5MF3N VA3</s2c_typeID>) s2c_dim:MP (<s2c_typeID>1</s2c_typeID>) s2c_dim:N...	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1376
MET(s2md_met:si1780) s2c_dim:CE (<s2c_typeID>LEI/QB7DENSAT1S3Z5MF3N VA3</s2c_typeID>) s2c_dim:MP (<s2c_typeID>1</s2c_typeID>) s2c_dim:N...	EIOPA.2.20	warning	String fact reports xml:lang (not saved by T4U, not round-tripped): s2md_met:si1780
MET(s2md_met:si1337) s2c_dim:SU			

VI.1.2 Import using Arelle (with validation)

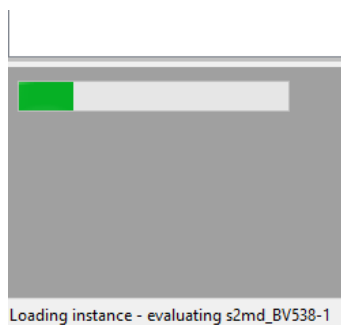
Prerequisite: The Container should be created before to import the report.

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. Read the pop-up message and click "OK".
5. Locate the XBRL file in the **Locate XBRL file to import** dialog box.
6. Click Open.
7. Provide the report/instance name in the **Name of the instance** window.
8. **Arelle Validation Status** window will provide the validation results for the import operation if any error occurred.
9. After the successful import operation the imported instance will be populated in the left side.
10. The user can verify the named instance in the **Report → Select report** sub menu.



Progress:

Import with XBRL processor is more time consuming (it loads the taxonomy and checks the taxonomy assertions). 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):

Areelle Validation Status		
Data Point Signature	Message Code	Value
MET(s2md_met:ei1025) s2c_dim:AZ (<s2c_typ:IDG>33/<s2c_typ:IDG>)	enumie:InvalidFactValue	[enumie:InvalidFactValue] Fact s2md_met:ei1025 context c2 enumeration s2c_CU:GDYNIA is not in the domain of s2md_met:ei1025 - Test_import.xbrl 58
MET(s2md_met:ei1633) s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1633 context c1 dimensionally not valid - Test_import.xbrl 38
MET(s2md_met:ei1634) s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1634 context c1 dimensionally not valid - Test_import.xbrl 39
MET(s2md_met:ei1636) s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1636 context c1 dimensionally not valid - Test_import.xbrl 40
MET(s2md_met:ei1637) s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1637 context c1 dimensionally not valid - Test_import.xbrl 41
MET(s2md_met:ei1640) s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1640 context c1 dimensionally not valid - Test_import.xbrl 42
MET(s2md_met:ei1633) s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim: member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1634) s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim: member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1636) s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim: member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42

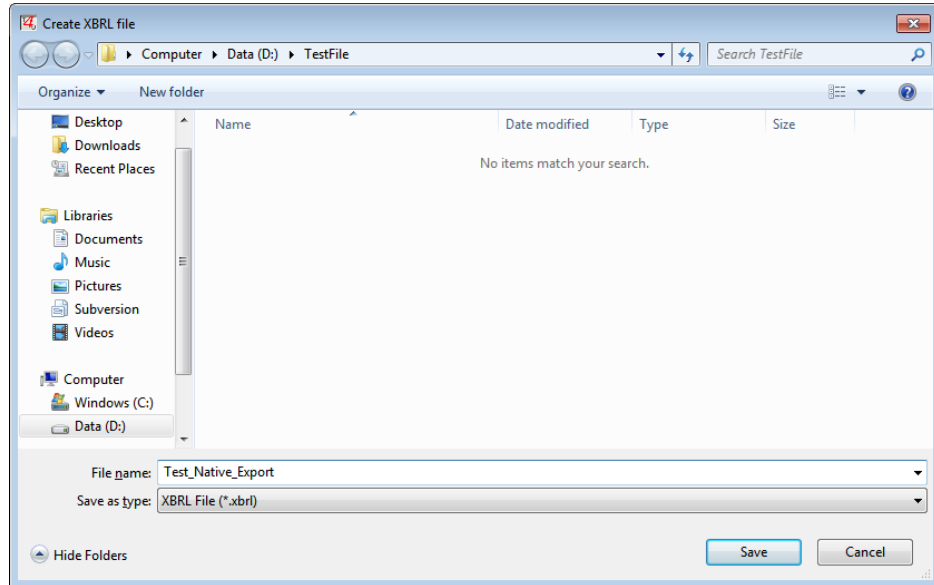
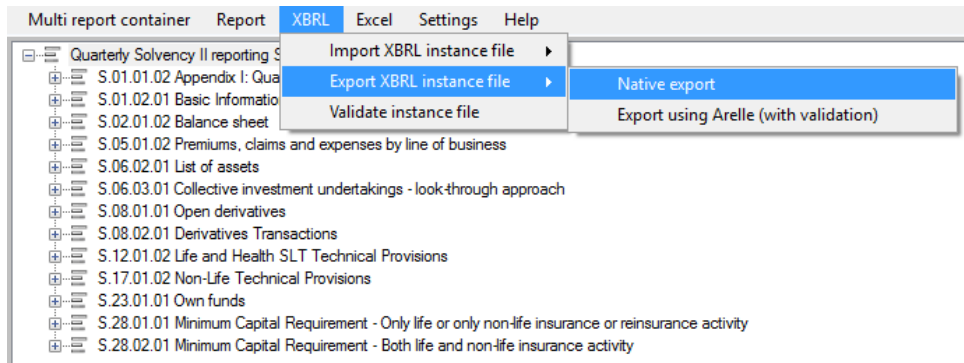
VI.2 Export XBRL instance file

VI.2.1 Native export

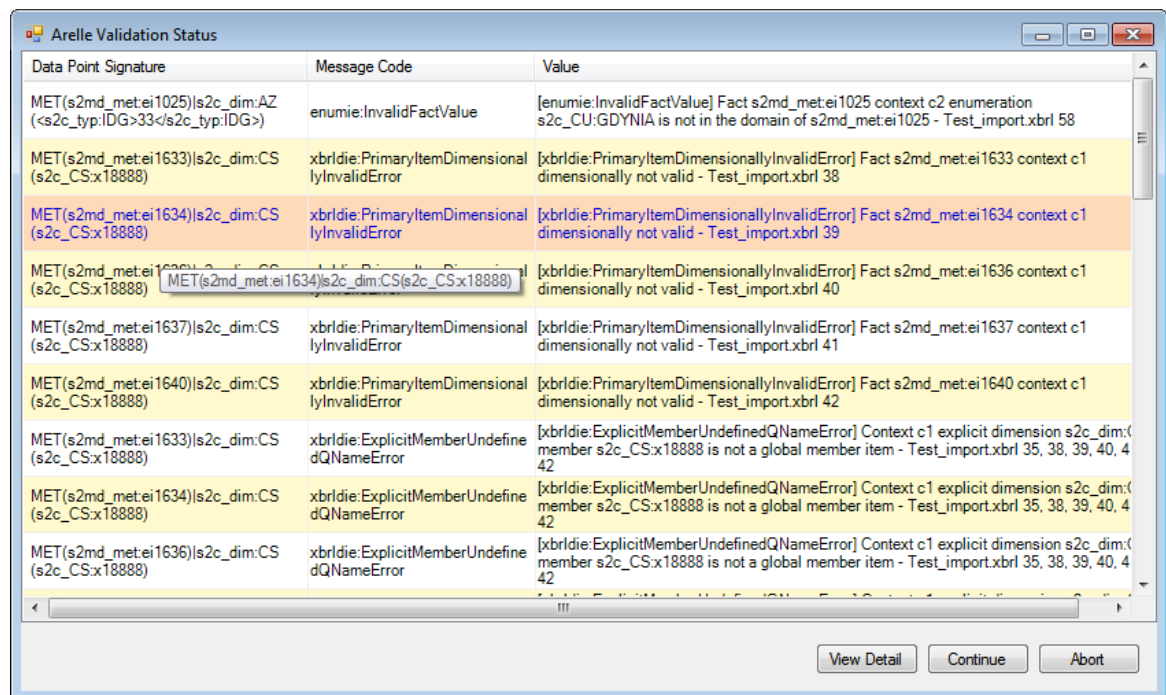
Prerequisite: The report should be created before to export the report.

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. **Areelle 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.

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



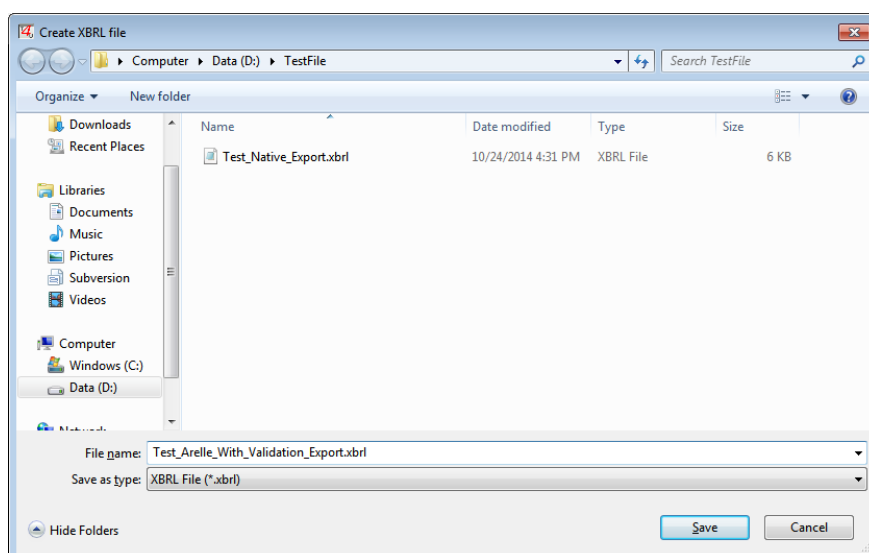
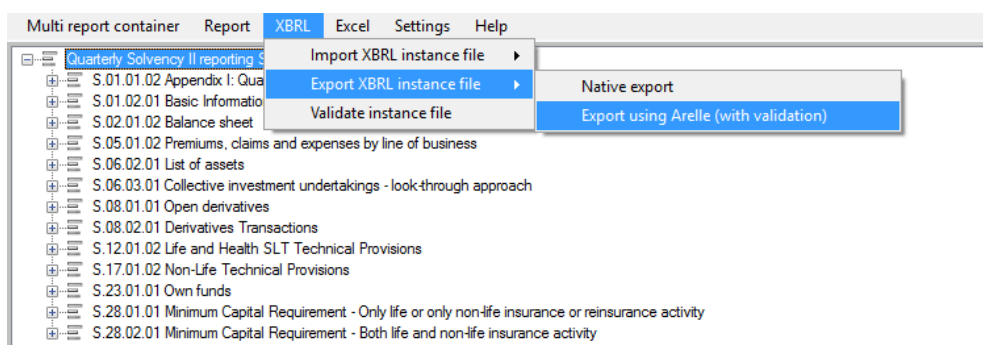
Sample generated XBRL file



VI.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.

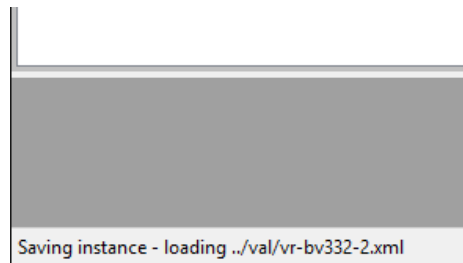


Scenario (the below window will be shown if any errors occurs during export operation):

Arelle Validation Status		
Data Point Signature	Message Code	Value
MET(s2md_met:ei1025)/s2c_dim:AZ (<s2c_typ:IDG>33/<s2c_typ:IDG>)	enumie.InvalidFactValue	[enumie.InvalidFactValue] Fact s2md_met:ei1025 context c2 enumeration s2c_CU:GDYNIA is not in the domain of s2md_met:ei1025 - Test_import.xbrl 58
MET(s2md_met:ei1633)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1633 context c1 dimensionally not valid - Test_import.xbrl 38
MET(s2md_met:ei1634)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1634 context c1 dimensionally not valid - Test_import.xbrl 39
MET(s2md_met:ei1636)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1636 context c1 dimensionally not valid - Test_import.xbrl 40
MET(s2md_met:ei1637)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1637 context c1 dimensionally not valid - Test_import.xbrl 41
MET(s2md_met:ei1640)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1640 context c1 dimensionally not valid - Test_import.xbrl 42
MET(s2md_met:ei1633)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1634)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1636)/s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42

Progress:

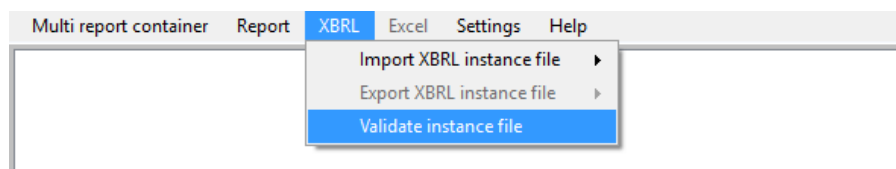
Import with XBRL processor is more time consuming (it loads the taxonomy and checks the taxonomy assertions). The user can verify the validation process in the status bar.

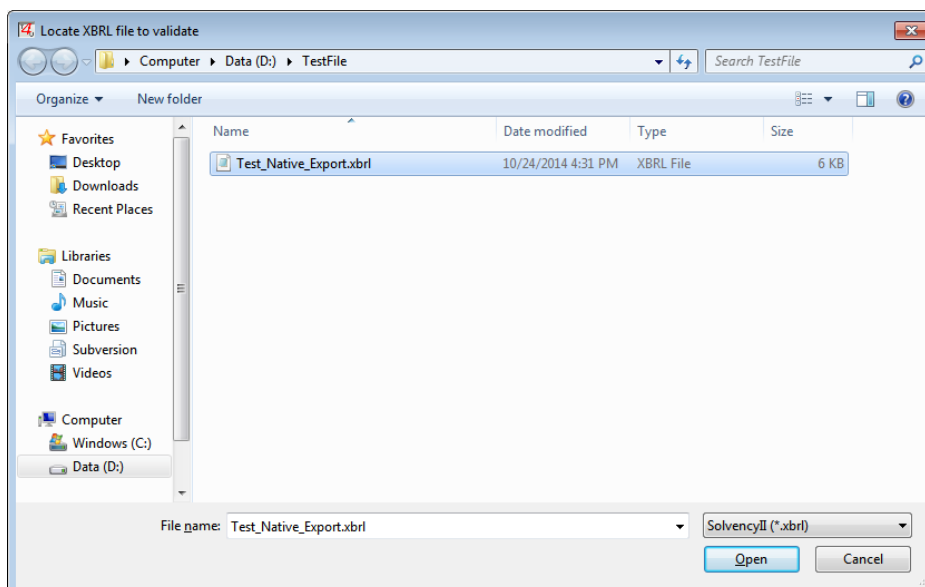


VI.3 Validate XBRL report

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):

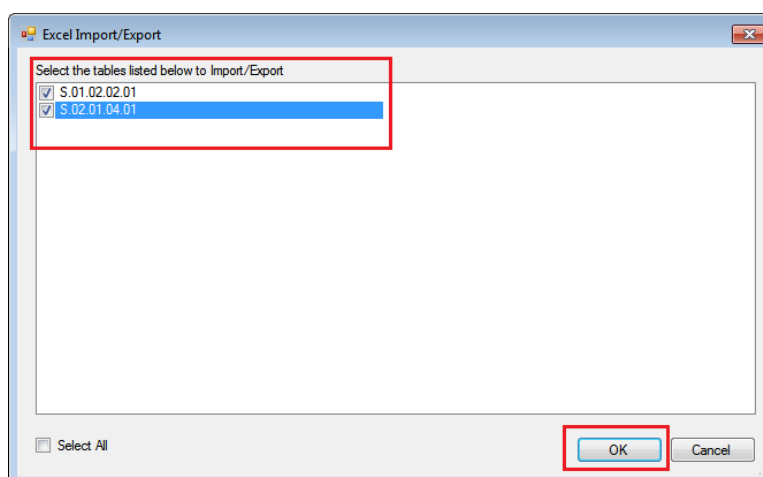
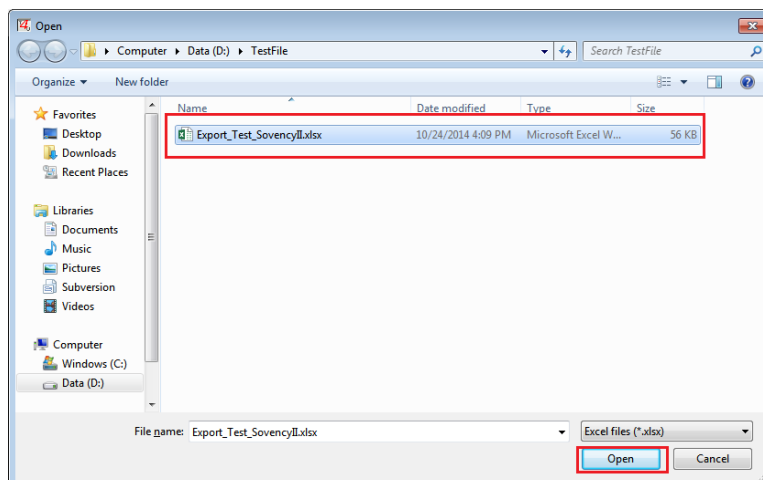
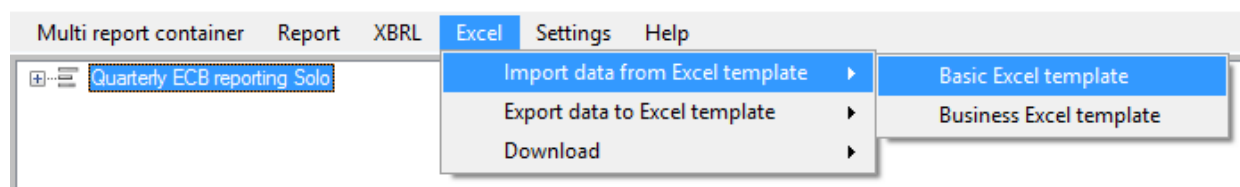
Arelle Validation Status		
Data Point Signature	Message Code	Value
MET(s2md_met:ei1025)s2c_dim:AZ (<s2c_typ:IDG>33</s2c_typ:IDG>)	enumie:InvalidFactValue	[enumie:InvalidFactValue] Fact s2md_met:ei1025 context c2 enumeration s2c_CU:GDYNIA is not in the domain of s2md_met:ei1025 - Test_import.xbrl 58
MET(s2md_met:ei1633)s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1633 context c1 dimensionally not valid - Test_import.xbrl 38
MET(s2md_met:ei1634)s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1634 context c1 dimensionally not valid - Test_import.xbrl 39
MET(s2md_met:ei1636)s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1636 context c1 dimensionally not valid - Test_import.xbrl 40
MET(s2md_met:ei1637)s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1637 context c1 dimensionally not valid - Test_import.xbrl 41
MET(s2md_met:ei1640)s2c_dim:CS (s2c_CS:x18888)	xbrldie:PrimaryItemDimensionallyInvalidError	[xbrldie:PrimaryItemDimensionallyInvalidError] Fact s2md_met:ei1640 context c1 dimensionally not valid - Test_import.xbrl 42
MET(s2md_met:ei1633)s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1634)s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42
MET(s2md_met:ei1636)s2c_dim:CS (s2c_CS:x18888)	xbrldie:ExplicitMemberUndefinedQNameError	[xbrldie:ExplicitMemberUndefinedQNameError] Context c1 explicit dimension s2c_dim:CS member s2c_CS:x18888 is not a global member item - Test_import.xbrl 35, 38, 39, 40, 42

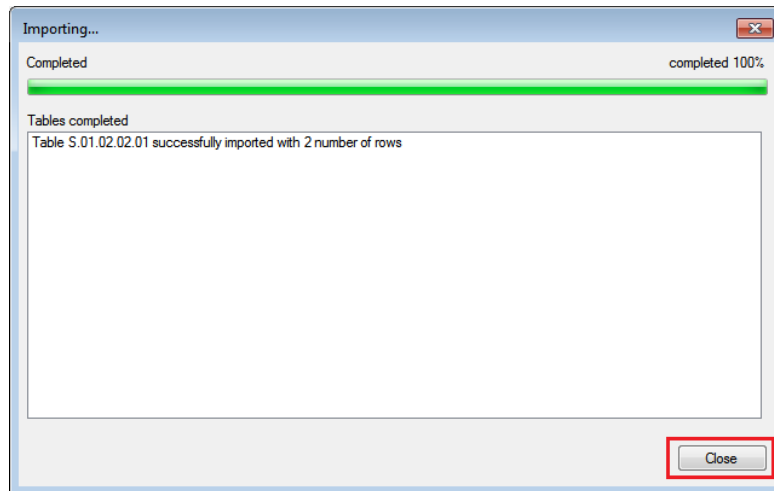
VII Excel

VII.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 Excel template** menu and from sub menu select **Basic Excel Template**.
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.



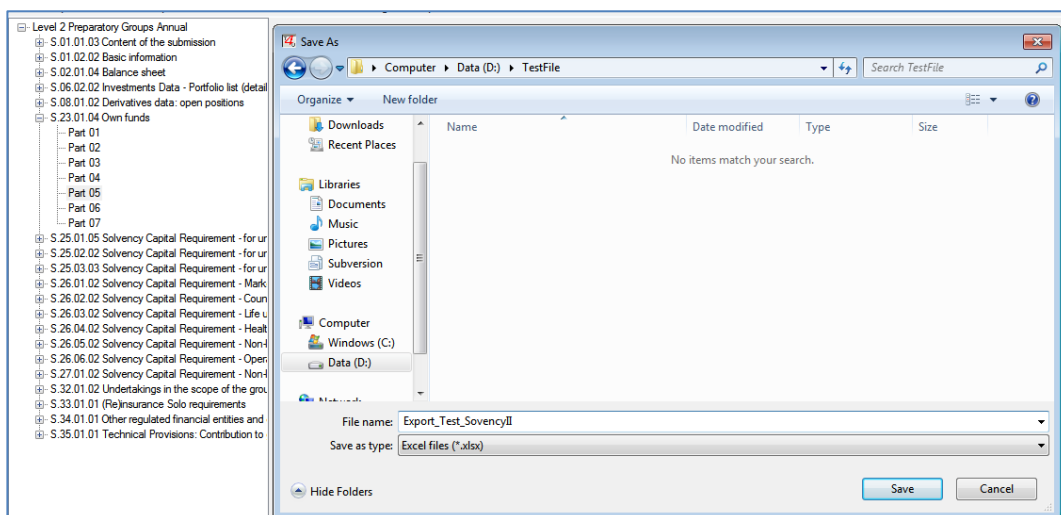
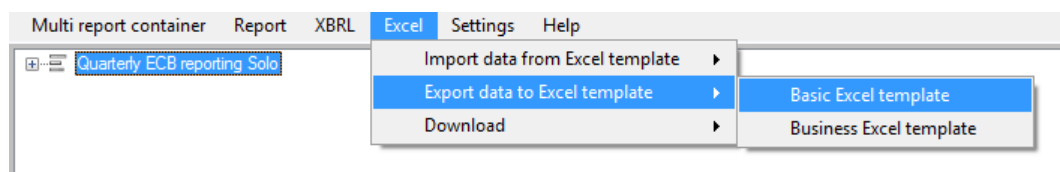


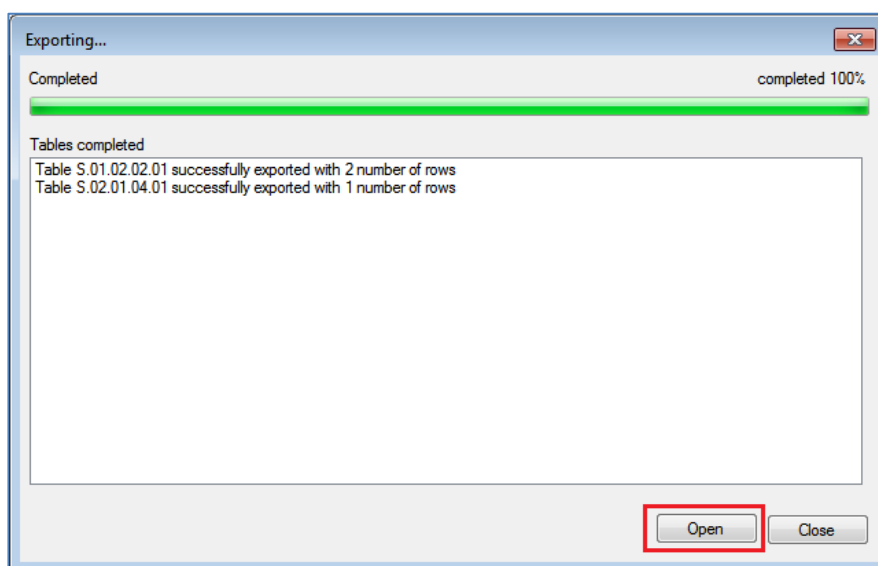
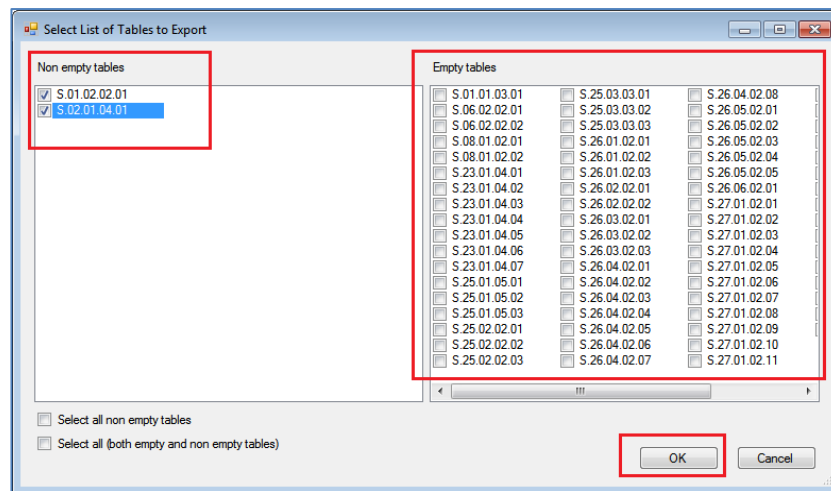
VII.2 Export data to basic Excel template

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 Excel template** menu and from sub menu select **Basic Excel Template**.
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.





Click open to launch excel with exported data.

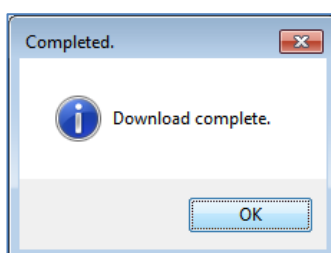
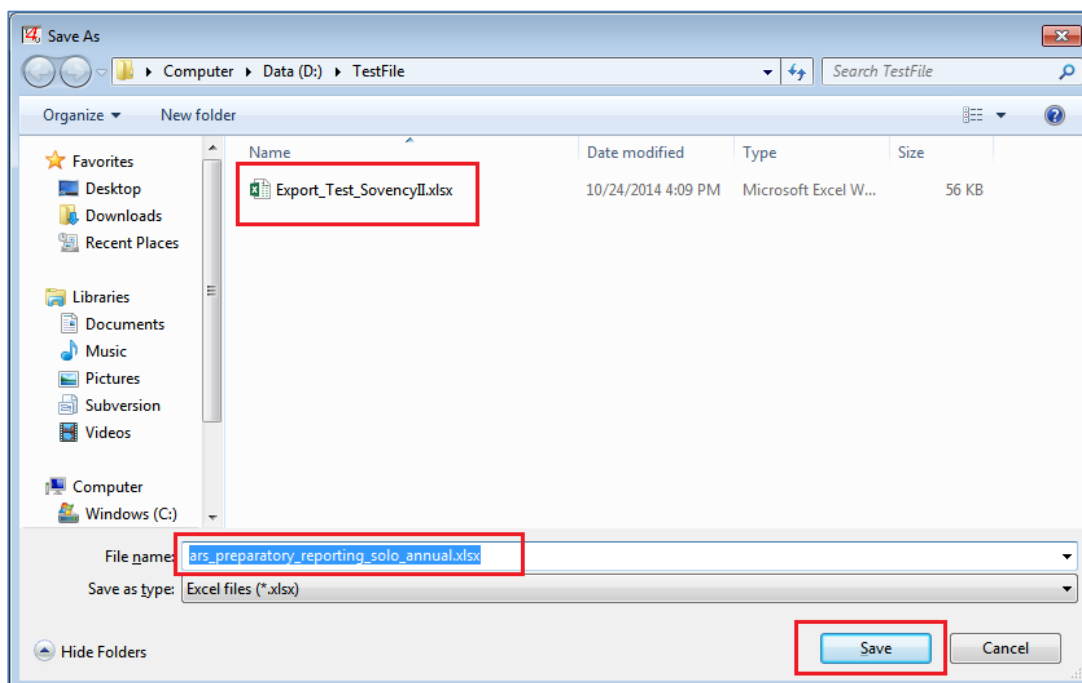
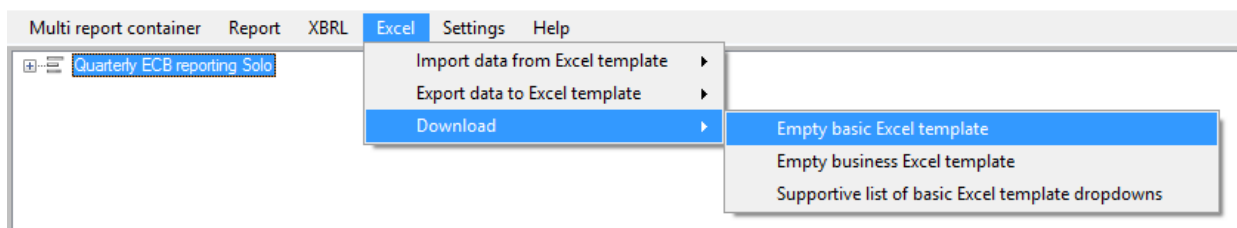
Column Header											
1	Reporting date	Reference date	Currency used for reporting	Accounting standard	Model used	Composite undertaking? (Y/N)	RFF? (Y/N)	Consolidation method 1 or a combination of methods is used for calculating group solvency of at least one undertaking in the scope? (Y/N)	Name	Reporting country	Group identification code
2	Date	Date	E:141	E:22	E:199	E:83	E:71	E:133	String	E:156	String
3	Code	Code	C0020	C0030	C0040	C0050	C0060	C0070	C0080	C0090	C0100
4											
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

VII.3 Download an basic Excel template

Prerequisite: The report should be created before to download the excel template.

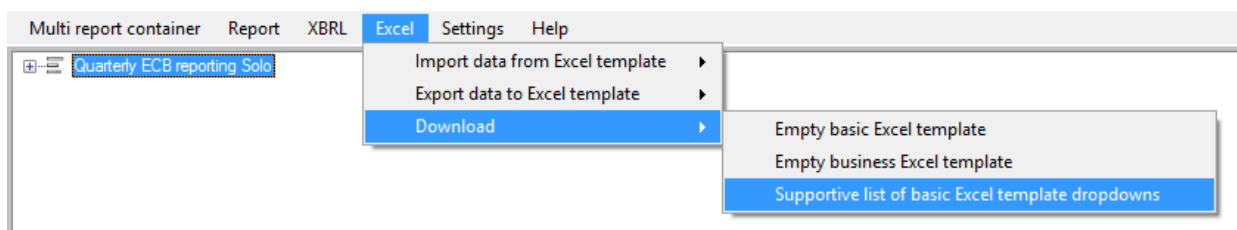
1. Select the **Excel** menu.

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



VII.4 Download supportive list of basic Excel template dropdowns

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



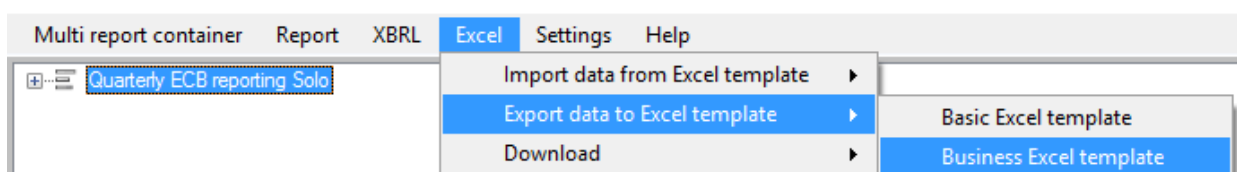
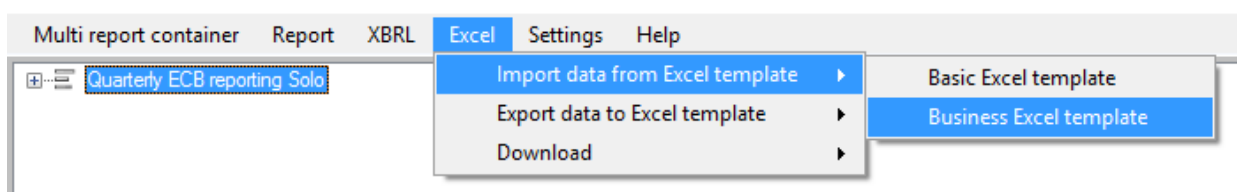
Enumerations				
A	B	C	D	E
E:13,141,0	E:22	E:27	E:31,346,0	E:34,346,0
Total/NA {s2c_MC:x0}	Accrued interests {s2c_AM:x5}	Non {s2c_AM:x56}	Adjusted equity methods - applicable for the valuation of participations [AEM] {s2c_VM:x2}	Alternative valuation methods {s2c_VM:x3}
Closed {s2c_MC:x15}	Difference 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}
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}
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}	
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}	

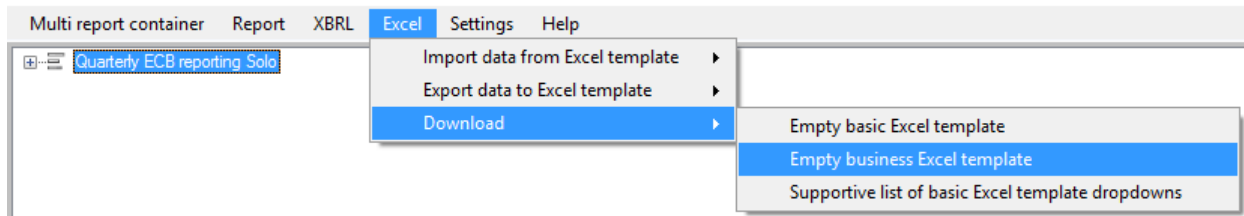
VII.5 Import/Export data to Excel Business templates

This functionality 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 template** => **Business Excel template** (process is similar to VII.1).
- **Export data from Excel template** => **Business Excel template** (process is similar to VII.2).
- **Download** => **Empty business excel template** (process is similar to VII.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.

	A	B	C	D	E	F	G	H	I
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	EUR {s2c_CU:EUR}					
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	123,00					
13		N-13	R0120		3423,00				
14		N-12	R0130						
15		N-11	R0140		123,00				
16		N-10	R0150						
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									

	A	B	C	D	E	F	G	H	I
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	ALL {s2c_CU:ALL}					
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	23123,00					
15		N-11	R0140						
16		N-10	R0150						
17		N-9	R0160		23423424,00				
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									



Windows T4U User Manual

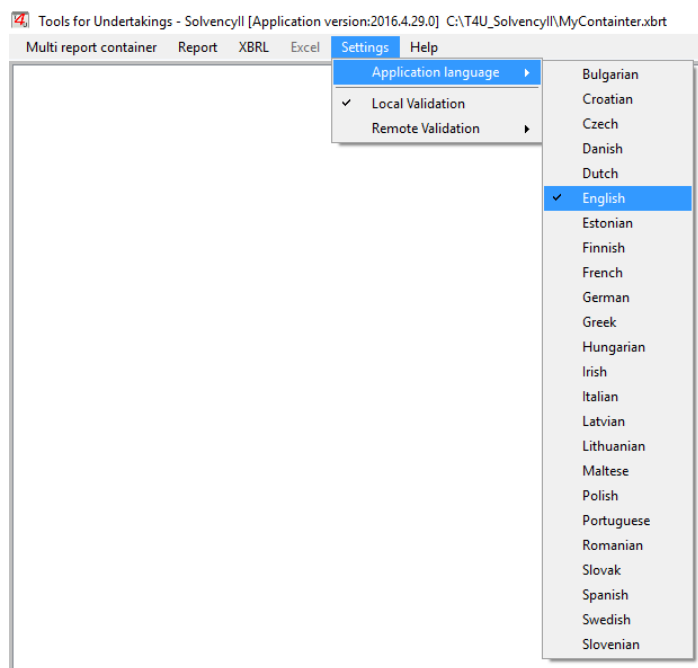
	A	B	C	D	E	F	G	H	I
1		Back to TOC							
2		Gross Claims Paid (non-cumulative) - Development year							
3									
4		Line of business	Z0010	Income protection insurance [direct business] {s2c_LB:x136}					
5		Accident year / Underwriting year	Z0020	Accident year [AY] {s2c_AM:x4}					
6		Currency	Z0030	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									

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).

VIII Settings

VIII.1 Application Language

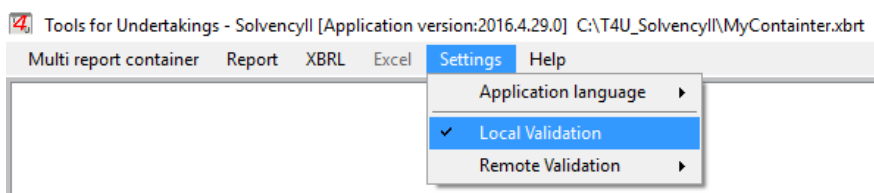
1. Select the **Settings** menu.
2. On the **Settings** menu, select **Application Language** menu.



VIII.2 Validation

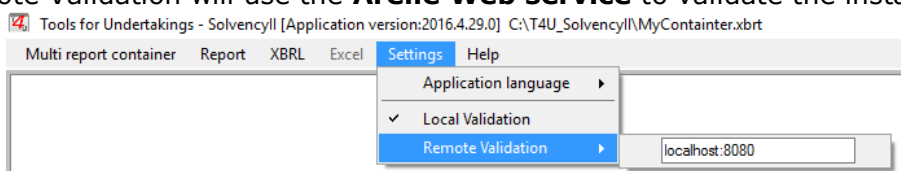
VIII.2.1 Local Validation

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.



VIII.2.2 Remote Validation

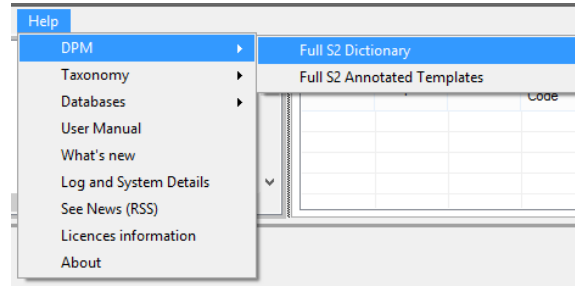
1. Select the **Settings** menu.
2. On the **Settings** menu, select **Remote Validation** menu.
3. The user needs to provide the Arelle web service address to validate the XBRL file remotely.
4. Remote Validation will use the **Arelle Web service** to validate the instance.



IX Help

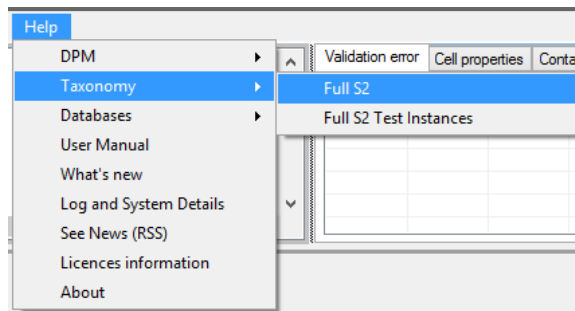
IX.1 DPM

Contains links to DPM Dictionary and Annotated Templates of Solvency II available on EIOPA website..



IX.2 Taxonomy

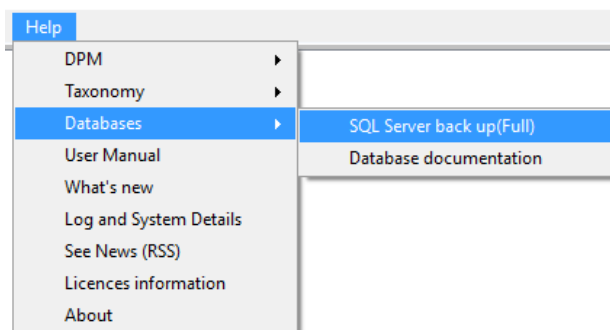
Contains links to XBRL Taxonomy and Sample XBRL Instance Documents for Solvency II available on EIOPA website..



IX.3 Databases

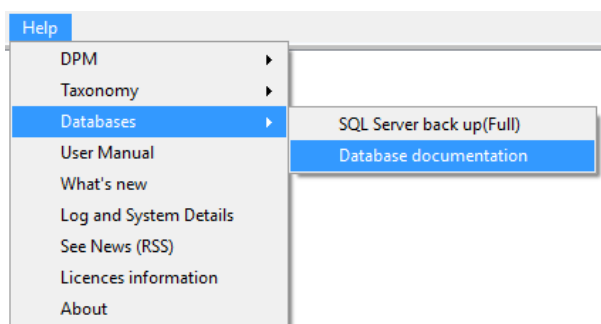
IX.3.1 SQL Server backups

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



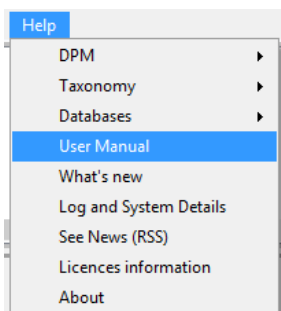
IX.3.2 Database documentation

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



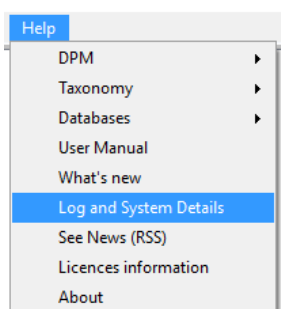
IX.4 User Manual

1. Select the **Help** menu.
2. On the **Help** menu, select **User Manual** menu (it will open this document).



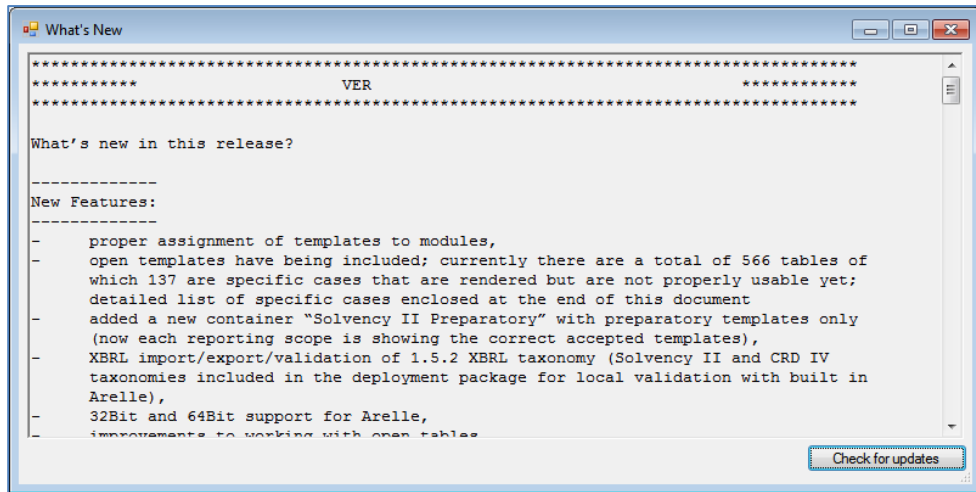
IX.5 Log and System Details

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.



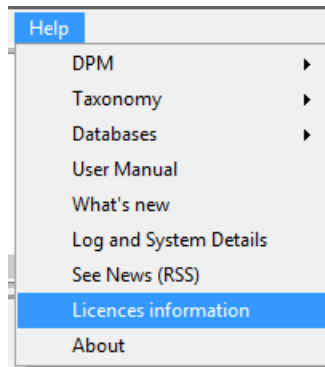
IX.6 What's New

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.



IX.7 License

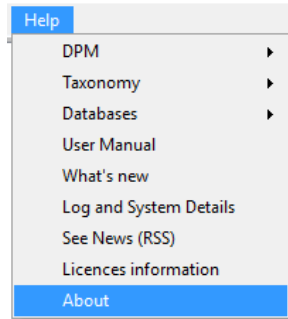
1. Select the **Help** menu.
2. On the **Help** menu, select the **Licences information** menu.



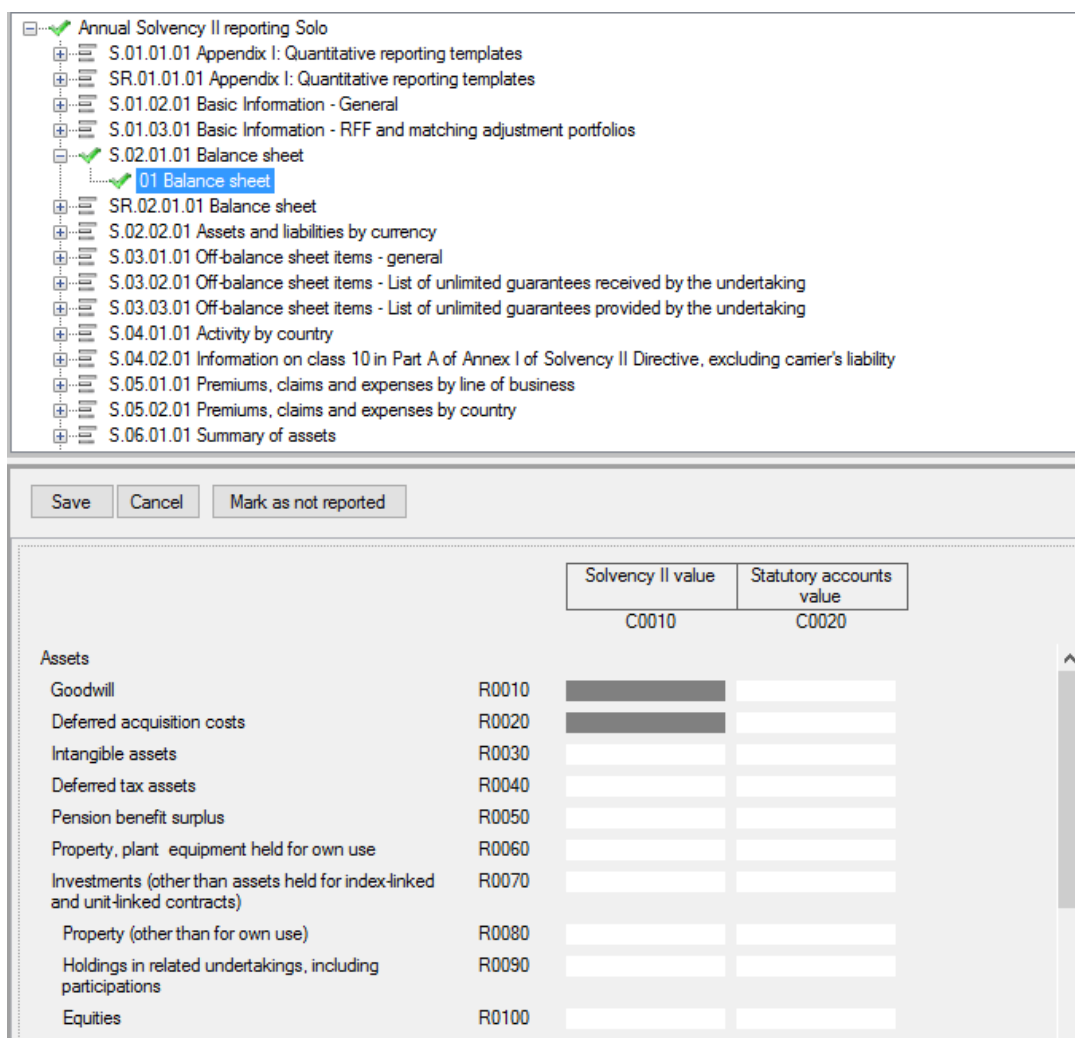


IX.8 About

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.



X Data entry



Annual Solvency II reporting Solo

- S.01.01.01 Appendix I: Quantitative reporting templates
 - SR.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 portfolios
- S.02.01.01 Balance sheet
 - 01 Balance sheet**
 - SR.02.01.01 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 received by the undertaking
 - S.03.03.01 Off-balance sheet items - List of unlimited guarantees provided by the undertaking
 - S.04.01.01 Activity by country
 - S.04.02.01 Information on class 10 in Part A of Annex I of Solvency II Directive, excluding carrier's liability
 - S.05.01.01 Premiums, claims and expenses by line of business
 - S.05.02.01 Premiums, claims and expenses by country
 - S.06.01.01 Summary of assets

Save Cancel Mark as not reported

		Solvency II value C0010	Statutory accounts value 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		

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.

X.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.

- Quarterly Solvency II reporting Solo
 - S.01.01.02 Appendix I: Quantitative reporting templates
 - S.01.02.01 Basic Information - General
 - 01 Balance sheet**
 - S.05.01.02 Premiums, claims and expenses by line of business
 - S.06.02.01 List of assets
 - S.06.03.01 Collective investment undertakings - look-through approach
 - S.08.01.01 Open derivatives
 - S.08.02.01 Derivatives Transactions
 - S.12.01.02 Life and Health SLT Technical Provisions
 - S.17.01.02 Non-Life Technical Provisions
 - S.23.01.01 Own funds
 - S.28.01.01 Minimum Capital Requirement - Only life or only non-life insurance or reinsurance activity
 - S.28.02.01 Minimum Capital Requirement - Both life and non-life insurance activity

Save
Cancel
Mark as not reported

Solvency II value

C0010

Assets		
Goodwill	R0010	
Deferred acquisition costs	R0020	
Intangible assets	R0030	43 785 179,15
Deferred tax assets	R0040	776 851 058,59
Pension benefit surplus	R0050	531 812 565,87
Property, plant equipment held for own use	R0060	562 338 293,98
Investments (other than assets held for index-linked and unit-linked contracts)	R0070	951 842 442,96
Property (other than for own use)	R0080	61 046 754,58
Holdings in related undertakings, including participations	R0090	765 965 393,88
Equities	R0100	330 189 622,81
Equities - listed	R0110	43 883 440,04
Equities - unlisted	R0120	303 347 122,71

X.2 Open 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. Enter/select the values in the form.

Note: 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.

Quarterly Solvency II reporting Solo

S.01.01.02 Appendix I: Quantitative reporting templates

S.01.02.01 Basic Information - General

S.02.01.02 Balance sheet

01 Balance sheet

S.05.01.02 Premiums, claims and expenses by line of business

S.06.02.01 List of assets

01 Information on positions held

02 Information on assets

S.06.03.01 Collective investment undertakings - look-through approach

S.08.01.01 Open derivatives

S.08.02.01 Derivatives Transactions

S.12.01.02 Life and Health SLT Technical Provisions

S.17.01.02 Non-Life Technical Provisions

S.23.01.01 Own funds

S.28.01.01 Minimum Capital Requirement - Only life or only non-life insurance or reinsurance activity

S.28.02.01 Minimum Capital Requirement - Both life and non-life insurance activity

Add New

Mark as not reported

Line identification C0010	Asset ID Code C0040	Fund number C0070	Matching portfolio number C0080	Portfolio C0060	Asset held in unit linked and index linked contracts C0090	Asset pledged as collateral C0100	Country of custody C0110	Custodian C0120	Quantity C0130	Par amount C0140	Valuation method C0150	Acquisition value C0160	Total Solvency II amount C0170	Accrued interest C0180
1	ISIN/EC36...	1	1	Other inter...	Neither u...	Not collateral	ERITREA	ewlv phiknn	802 360,00	52 210 020...	Adjusted e...	551 795 18...	603 866 80...	76 482 314...

Save

Back

Line identification

Asset ID Code

Fund number

Matching portfolio number

Portfolio

Asset held in unit linked and index linked contracts

Asset pledged as collateral

Country of custody

C0010

C0040

C0070

C0080

C0060

C0090

C0100

C0110

1

ISIN/EC3697737235

1

1

Other internal funds

Neither unit-linked nor index-linked

Not collateral

ERITREA

To delete/remove the row from the Open table.

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

Asset ID Code	Item Title	Issuer Name	Issuer Code	Issuer Sector	Issuer Group	Issuer Group Code	Issuer Country
C0040	C0190	C0200	C0210	C0230	C0240	C0250	C0270
ISIN/OK6214024592	ygnoxf lnoeu baik	jdtyvf zgfdzg wtrnvzk	LEI/YEQWA2CTDYC	C26.1.2 - Manufacture of load	zqfjz sx pshhei	LEI/6RXRHZKP2HD	SAINT KITTS AND NE

X.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.

		Credit quality step							
		0	1	2	3	4	5	6	No rating available
		C0010	C0020	C0030	C0040	C0050	C0060	C0070	C0080
Market value	R0010	533 302 884,24	94 267 545,90	346 794 970,75	279 731 089,23	620 010 945,05	176 344 374,03	792 855 495,00	454 092 015,51
Modified duration	R0020	613 303,0000	185 206,0000	410 659,0000	815 581,0000	475 341,0000	172 361,0000	129 230,0000	244 295,0000

X.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:



Windows T4U User Manual

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 portfolio
 - 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 C0010	Statutory accounts value 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 portfolio
 - 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 C0010	Statutory accounts value 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		

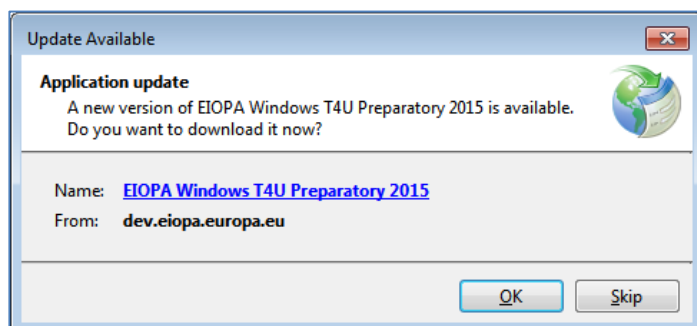
XI Application Update

XI.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.

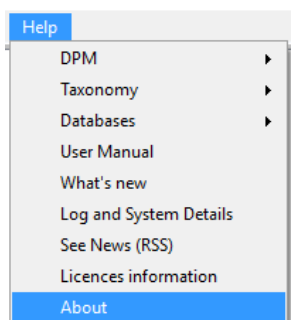


XI.2 Check for updates:

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.



XII Migration

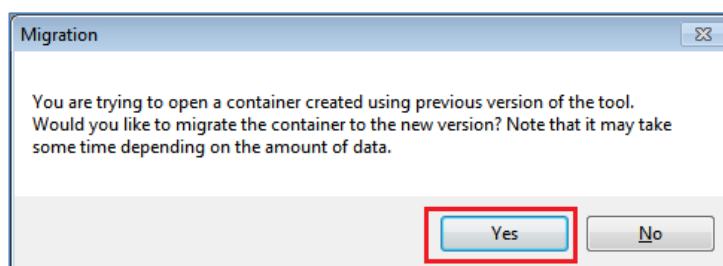
The migration feature converts the container from non-supporting version to supporting version with data.

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.

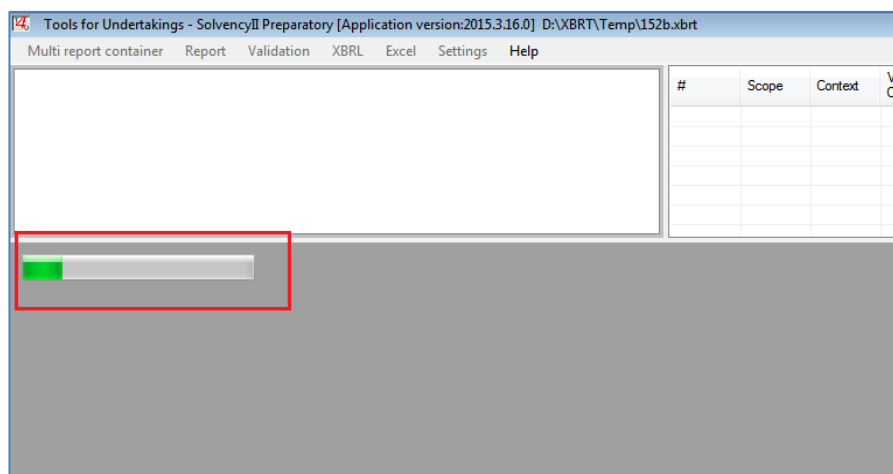
Example scenario – Container Version that supports migration:

User launches/opens the container from previous version. The Windows T4U identifies then the below sequence of operation will be executed.



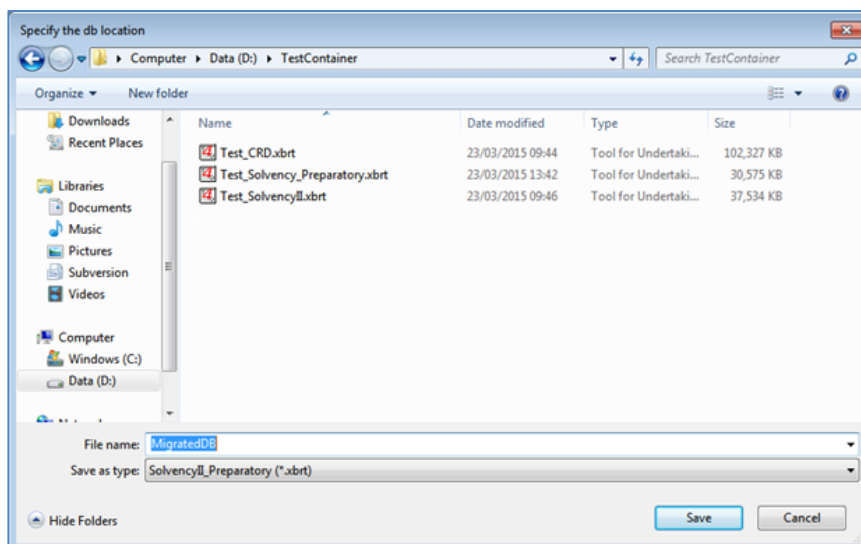
The user needs to click on **YES** to start the migration process.

Progress:

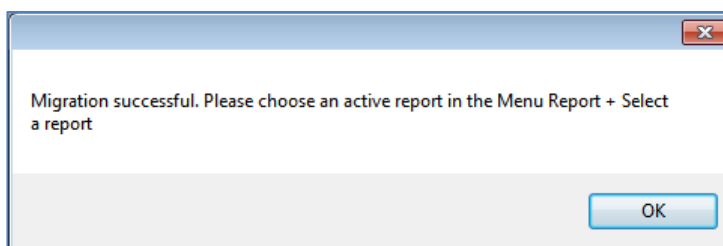


Save the migrated container:

Specify the location to save the migrated container:

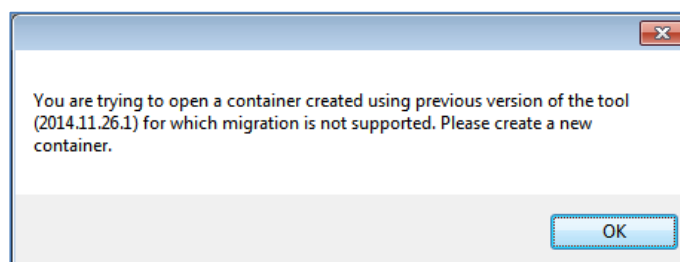


After migration is successful the migrated container will get connected with the Windows T4U automatically & select the report to proceed further.



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.




XIII Utilities

XIII.1 RSS

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

Press here to see the news in the RSS feed

Report name: test 3 | Type of report: Annual Solvency II reporting Group | Reference Date: 2015-12-31 | Entity identifier: W4MZU16K8XDVOQTSEEI9 | Currency: EUR

 RSS
— □ ×

Title	Description	PublicationDate
The final XBRL Taxonomy 2.1.0 has been published.	The final XBRL Taxonomy 2.1.0 has been published.	Fri, 15 Jul 2016 08:00:00 GMT
The List of Validations and the List of Known issues have been updated.	The List of Validations and the List of Known issues have been updated.	Fri, 15 Jul 2016 08:00:00 GMT
The List of Validations and the List of Known issues for Taxonomy 2.0.1 have been updated.	The List of Validations and the List of Known issues for Taxonomy 2.0.1 have been updated.	Fri, 17 Jun 2016 08:00:00 GMT
The Public Working Draft of the solvency II Taxonomy 2.1.0 has been published.	The Public Working Draft of the solvency II Taxonomy 2.1.0 has been published. Please provide your feedback to xbrl@eiopa.europa.eu before 30 June 2016 in order to have time to incorporate it for the final release.	Wed, 1 Jun 2016 08:00:00 GMT
The List of Validations and the List of Known issues for Taxonomy 2.0.1 have been updated.	The List of Validations and the List of Known issues for Taxonomy 2.0.1 have been updated.	Tue, 10 May 2016 08:00:00 GMT
Tool for Undertakings (T4U) new release.	A new release of the Tool for Undertakings (T4U) supporting the 2.0.1 taxonomy for Full solvency II has been published and is available for download. Please consult our website for more details.	Tue, 19 Apr 2016 08:00:00 GMT
The List of Validations and the List of		

Close



XIV 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_FULL_2016

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. 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.
5. Admin rights is not required to update the application.
6. The application version details will be available in the Help→About menu.
7. To create/import the report, the container creation is the prerequisite.
8. To export the report, the report creation is the prerequisite.
9. To export /import the data from excel, the report creation is the prerequisite.
10. The application will work in both 32/64 bit machines.

XV 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 of¹:

- 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 ≥ 1 then 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

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

XBRL file but on export the precision is set to the default settings of the T4U (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 file 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 [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*.