

Release Notes		
Project: <b>Converter</b>	Delivery Date	<b>10.05.2022</b>
	Version	8.4.18
	Delivery Available in: CIRCA	
Delivered Items: <b>Converter v8.4.18 from 2022.05.10</b>		
Application package contains:		
<ul style="list-style-type: none"><li>• Converter web application</li><li>• Converter Web Service</li><li>• Converter Desktop GUI application</li><li>• Converter CLI interface (including CLI for webservice)</li><li>• Converter API</li></ul>		
List of improvements/bugs in current release		
Bugs <ul style="list-style-type: none"><li>• SDMXCONV-1313 - wrong error message in 8.4.17</li></ul>		
Installation Instructions		
Each application has an installation guide in the doc folder		
Configuration files		
The configuration for each application is described in the installation guide of the specific application		
Known Issues		
<p>Converter is using SdmsSource API to convert files. SdmxSource API is known to have multiple issues some of which are listed below:</p> <ul style="list-style-type: none"><li>• The Writer for Cross Sectional from SdmxSource is prone to memory issues.</li><li>• The Writer for Cross Sectional from SdmxSource writes the primary measure although Measure Dimension exists</li><li>• The Writer for Cross Sectional from SdmxSource is missing some output data: if an attribute/dimension has attachmentLevel different than crossSectionalAttachmentLevel then data is lost: e.g. attachmentLevel="Observation" and is crossSectionalAttachGroup="true" by going from Observation to Group it gets lost</li><li>• The Writer for Gesmes TS from SdmxSource (i.e. EdiDataWriterEngine) does not fill the OBS_STATUS value if it doesn't exist in the source file (the old reader used to put a default value for OBS_STATUS).</li><li>• The Writer for Gesmes TS from SdmxSource (i.e. EdiDataWriterEngine) does not translate the header values well (ie. contact details + test)</li><li>• Gesmes TS(EDI) only supports three levels of observation attributes: OBS_STATUS, OBS_CONF and OBS_PRE_BREAK (see documentation <a href="http://sdmx.org/wp-content/uploads/SDMX_2-1_SECTION_4_SDMX-EDI.zip">http://sdmx.org/wp-content/uploads/SDMX_2-1_SECTION_4_SDMX-EDI.zip</a>)</li></ul>		
Besides the SdmxSource related issue there are other known limitations issues like:		

- Column mapping was originally designed only for input column mapping and later adapted to output column mapping. This creates problems for fixed values in output mapping, also all dimensions required in mapping and the xml mapping file is completely inappropriate for csv output mapping.
- The header screen has all features taken from the Old Converter GUI (it only presents SDMX 2.0 features of the header). The features of SDMX 2.1 headers should be considered.
- As of version 6.6.0 the following formats have been removed: DSPL, FLR, GESMES\_21, GESMES\_DSIS.
- Only the default namespace and prefix can be used for converted files as the sdmxsource writers do not support a parameter for customizing namespace urn and namespace prefix – this happens starting with version 6.6.1 with the inclusion of sdmxsource readers and writers.
- SOAP Registry SDMX 2.0 support is ensured for extended wsdl as it accepts stubs to retrieve entire list of structure. The standard does support stubs.
- Support for SDMX 2.1 SOAP Registry is for wsdl's that respect the wsdl 2.1 contract. EuroRegistry is supported.
- Converter tracks the start of an XML element during parsing of an XML document and therefore the column at the starting point of an element is reported during validation.
- As of version 9.0.0 and above Java 8 is needed to run the components of Converter.
- As of version 9.0.0 and above only one package is included for all Web Services.
- As of version 9.1.0 and above Struval Web Service works in an asynchronous manner.

#### History of previous releases:

##### **Converter v8.4.17**

**04.05.2022**

- SDMXCONV-1304 - correct MRR not produced in case limit of errors exceeded

##### **Converter v8.4.16**

**29.03.2022**

- SDMXCONV-1295 - SDMX Converter issue - Wrong output from SDMX-CSV to FLR conversion
- SDMXCONV-1271 - Upgrade log2j to the recommended version

##### **Converter v8.4.5.2**

**24.03.2022**

- SDMXCONV-1295 - SDMX Converter issue - Wrong output from SDMX-CSV to FLR conversion

##### **Converter v8.4.15**

**21.03.2022**

- SDMXCONV-1269 - difference in excel for empty vs white space
- SDMXCONV-1271 - Upgrade log2j to the recommended version
- SDMXCONV-1232 - SDMX - Converter tools - improve error message when not able to process the inputs
- SDMXCONV-1220 - SDMX - Converter tools - improvement of error message for missign time dimension
- SDMXCONV-1278 - Excel conversion - empty data column not converted properly
- SDMXCONV-1266 - SDMX Converter Web Application 8.4.13 error when converting Excel file
- SDMXCONV-1270 - Concurrent requests issue in Struval
- SDMXCONV-1263 - SDMX-CSV file rejected when it contains double quotes
- SDMXCONV-1259 - STRUVAL - No MRR produced in case of UTF8-BOM issue
- SDMXCONV-1255 - STRUVAL service not providing MRR in case of "-1" error code
- SDMXCONV-1262 - STRUVAL - No MRR produced in case file format could not be auto detected
- SDMXCONV-1243 - Wrong error message conversion to cross

- SDMXCONV-1224 - Struval report issue
- SDMXCONV-1268 - different result with input type XLS or AUTO
- SDMXCONV-1287 - Wrong data type 'Day' in error message

#### **Converter v8.4.14**

**09.12.2021**

- SDMXCONV-1247 - SDMX - Converter tools - Excel data reader error. Row 0 was found with possible unclosed double quote, inconsistent line ending character across the file or possible wrong delimiter.
- SDMXCONV-1252 - Unhelpful error message when wrong number of columns used in CSV
- SDMXCONV-1220 - SDMX - Converter tools - improvement of error message for missign time dimension
- SDMXCONV-1264 - Empty column raises an error in SDMX-CSV
- SDMXCONV-1248 - SDMX - Converter tools - EDUCAT - Cell with formula generates an error
- SDMXCONV-1257 - WS : CSV file generated empty should contains the header row
- SDMXCONV-1256 - An error occurred! when using sdmx 2.1 registry with crossX DSD
- SDMXCONV-1261 - SDMX - Converter tools : excel format not detected
- SDMXCONV-1259 - STRUVAL - No MRR produced in case of UTF8-BOM issue
- SDMXCONV-1255 - STRUVAL service not providing MRR in case of "-1" error code

#### **Converter v8.4.5.1**

**02.12.2021**

- SDMXCONV-1247 - SDMX - Converter tools - Excel data reader error. Row 0 was found with possible unclosed double quote, inconsistent line ending character across the file or possible wrong delimiter

#### **Converter v9.2.0**

**03.11.2021**

- SDMXCONV-1187 - Async calls in STRUVAL-implementation
- SDMXCONV-1241 - Validation returns Internal Server Exception with bad attachment level

#### **Converter v8.4.13**

**20.10.2021**

- SDMXCONV-1239 - Excel formula errors not reported by Struval validation
- SDMXCONV-1254 - SDMX - Converter tools - order of columns in CSV output
- SDMXCONV-1246 - SDMX - Converter tools - Data reader error. Row 3 was found with different dataset attribute values.
- SDMXCONV-1241 - Validation returns Internal Server Exception with bad attachment level
- SDMXCONV-1242 - Conversion returns error 'null' and Internal Server Error
- SDMXCONV-1243 - Wrong error message conversion to cross
- SDMXCONV-1244 - Internal Server Error for conversion of empty file to CSV with header row
- SDMXCONV-1250 - SDMX - Converter tools - Problem with UTF8-BOM data files

#### **Converter v9.1.1**

**21.09.2021**

- SDMXCONV-1243 - Wrong error message conversion to cross
- SDMXCONV-1242 - conversion returns error 'null' and Internal Server Error
- SDMXCONV-1244 - Internal Server Error for conversion of empty file to CSV with header row
- SDMXCONV-1227 - NullPointerException on MetadataMetrics webser service

#### **Converter v8.4.12**

**14.09.2021**

- SDMXCONV-1229 - INPUTHALL - error when parameters file is encoded with BOM
- SDMXCONV-1239 - Excel formula errors not reported by Struval validation

#### **Converter v9.1.0** **03.09.2021**

- SDMXCONV-1014 - Performance optimization
- SDMXCONV-824 - Harmonised Transformation interface
- SDMXCONV-1187 - Async calls in STRUVAL-implementation
- SDMXCONV-1194 - Possibility to reject a CSV file with an empty line
- SDMXCONV-1210 - Port bug fixes of 8.4.8 to 9+
- SDMXCONV-1219 - CSV validation - No series is defined in dataset
- SDMXCONV-1223 - Technical error validating excel document EDUCAT\_ENTR\_A
- SDMXCONV-1205 - File without TIME\_PERIOD or OBS\_VALUE considered valid in Struval

#### **Converter v8.4.11** **12.08.2021**

- SDMXCONV-1231 - Wrong number of error in report
- SDMXCONV-1233 - Structure specific files with groups not valid in 8.4.10

#### **Converter v8.4.10** **27.07.2021**

- SDMXCONV-1205 - File without TIME\_PERIOD or OBS\_VALUE considered valid in Struval
- SDMXCONV-1219 - CSV validation - No series is defined in dataset
- SDMXCONV-1227 - NullPointerException on MetadataMetrics webser service
- SDMXCONV-1223 - Technical error validating excel document EDUCAT\_ENTR\_A
- SDMXCONV-1228 - WebApp Error: Excel with wrong formula

#### **Converter v8.4.9** **30.06.2021**

- SDMXCONV-1212 - update jks with the certificate for webgate.ec.europa.eu
- SDMXCONV-1205 - File without TIME\_PERIOD or OBS\_VALUE considered valid in Struval
- SDMXCONV-1216 - SDMX - Converter tools - empty file : with vs without template
- SDMXCONV-1204 - Wrong error message when the webapp calls the registry in 2.0 to retrieve a dataflow with constraints
- SDMXCONV-1214 - STRUVAL Asylum NO A01 2021/01
- SDMXCONV-1217 - SDMX Converter - issue with validating Dataflow in SDMX-CSV file

#### **Converter v8.4.8** **20.05.2021**

- SDMXCONV-1202 - issue accessing registries with java 8u291 and TLS
- SDMXCONV-1198 - Input files encoded in UTF8 with BOM should be rejected
- SDMXCONV-1195 - MRR: value tag with wrong information
- SDMXCONV-1196 - Struval doesn't detect a wrong dataflow if a shared DSD is specified in the header
- SDMXCONV-1200 - Cannot process message of type:CrossSectionalData
- SDMXCONV-1197 - OBS\_VALUE considered correct even if it contains a space character
- SDMXCONV-1201 - The mapping file is lost when we navigate between the different screens
- SDMXCONV-1208 - Reporting month for SDMX-ML Compact: discrepancies between WebApp and WS
- SDMXCONV-1207 - SDMX Converter - incorrect error message for MaxLength

**Converter v9.0.0****28.04.2021**

- SDMXCONV-824 - Harmonised Transformation interface
- SDMXCONV-938 - Change Converter WS package to not include Metro
- SDMXCONV-1034 - Use TOPOM Light in Converter
- SDMXCONV-1190 - Possible to make changes in the webapp during a long process such as an upload

**Converter v8.4.7****18.03.2021**

- SDMXCONV-994 - WI 12.2.x and Java 8 migration

**Converter v8.4.6****26.02.2021**

- SDMXCONV-1184 - generated CSV file is completely empty (no header)
- SDMXCONV-1190 - Possible to make changes in the webapp during a long process such as an upload
- SDMXCONV-1191 - Button "Next" disabled when a mapping file is used in the webapp
- SDMXCONV-1189 - SDMX Converter - issues converting excel with formula and a combination of parameters
- SDMXCONV-1163 - Missing mandatory element in CSV header not detected in an empty file
- SDMXCONV-1168 - sample/doc for converter WS client in .NET
- SDMXCONV-1176 - Treatment of empty rows when validating and converting Excel files
- SDMXCONV-1185 - CSV : stop reporting missing values if the column is missing
- SDMXCONV-1186 - ErrorIfEmpty to be moved from instance to WS call parameter

**Converter v8.4.5****01.02.2021**

- SDMXCONV-1177 - SDMX - Internal Server Error in 8.4.3
- SDMXCONV-1171 - FW: AEI\_PESTUSE\_5, error report for IT
- SDMXCONV-1135 - Issue with CSV validation – not possible to simultaneously impose column order and header names
- SDMXRI-1549 - Inventory of external libraries
- SDMXCONV-1169 - Default CSV level should applies only to MULTI\_LEVEL CSV
- SDMXCONV-1161 - Conversion of multilevel file with multiple measures
- SDMXCONV-1181 STRUVAL MRR - missing empty value ATTR causing SERVICE\_ERRORS in VRF

**Converter v8.4.4****18.01.2021**

- SDMXCONV-1159 - WebApp: structure selection screen
- SDMXCONV-1134 - Issue with SDMX-CSV validation – No error raised if column does not correspond to a concept in the DSD
- SDMXCONV-1174 - Empty Excel files generates invalid SDMX-CSV file with no header
- SDMXCONV-1175 - Wrong attribute at observation level if one line is different in a serie
- SDMXCONV-1167 - Error message when canceling an upload
- SDMXCONV-1165 - Problem SDMX Converter Error: null
- SDMXCONV-1164 - Possibility of having input transcoding from "null" to a default value
- SDMXCONV-1166 - Keep only the "Save template pack (zip)"
- SDMXCONV-1173 - Conversion of a SDMX file with no records in SDMX-CSV and vice-versa

**Converter v8.4.3**

**15.12.2020**

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- SDMXCONV-1159 - WebApp: structure selection screen
- SDMXCONV-1160 - When a wrong file is converted, the error message is not clear
- SDMXCONV-1152 - SDMX Converter WebApp - Value Sheet not detected, no error thrown
- SDMXCONV-1151 - SDMX - Converter tools
- SDMXCONV-1145 - Async calls in STRUVAL
- SDMXCONV-1155 - Timeout uploading files in the webapp
- SDMXCONV-1139 - download the CLI command via the Web Converter
- SDMXCONV-1123 - sample/doc for struval/converter WS client in .NET
- SDMXCONV-1157 - STRUVAL MRR not compliant with MSD 6.0
- SDMXCONV-1158 - Investigate performance of Converter and STRUVAL
- SDMXCONV-1134 - Issue with SDMX-CSV validation – No error raised if column does not correspond to a concept in the DSD
- SDMXCONV-1135 - Issue with CSV validation – not possible to simultaneously impose column order and header names
- SDMXCONV-1111 - DEMOMIGR\_WEEKDTH\_W : STRUVAL has Performance issue when a wrong delimiter is used
- SDMXCONV-1124 - Improvement of default configuration
- SDMXCONV-1114 - POPSTAT STRUVAL - bug in STRUCTURAL VALIDATION REPORT - part 2

**Converter v8.4.2**

**10.11.2020**

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- SDMXCONV-1095 - Converter improvements
- SDMXCONV-1128 - Improvement of struval error report
- SDMXCONV-1142 - technical error after dataflow selection
- SDMXCONV-1143 - WebApp: Save Template Zip pack
- SDMXCONV-1146 - Soap query error, result in internal server error
- SDMXCONV-1117 - querying registry : others
- SDMXCONV-1141 - wrong step when going back
- SDMXCONV-1144 - Wrong error message : Excel mentioned for CSV validation
- SDMXCONV-864 - Multiple input files should be supported for validation and conversion
- SDMXCONV-1153 - Technical error while processing transformation - IFS\_IFS\_3 files
- SDMXCONV-1038 - SDMX - Converter tools - template in webapp
- SDMXCONV-1150 - FW: Error in Struval when time\_period contains the week 53
- SDMXCONV-1156 - bug using registry in webapp
- SDMXCONV-1139 - download the CLI command via the Web Converter
- SDMXCONV-1137 - SDMX - Converter tools : improve error message with empty strings
- SDMXCONV-1114 - POPSTAT STRUVAL - bug in STRUCTURAL VALIDATION REPORT - part 2
- SDMXCONV-1133 - inform user about allowed character in header fields
- SDMXCONV-1113 - POPSTAT STRUVAL - bug in STRUCTURAL VALIDATION REPORT
- SDMXCONV-1140 - remove sdmxcloud and doubled registry url
- SDMXCONV-1154 - Improve SdmxSource performance when working with DataStructure beans
- SDMXCONV-1148 - Additional information to report in the error report of the Webapp

**Converter v8.4.0**

**17.09.2020**

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- SDMXCONV-1095 – Converter improvements
- SDMXCONV-1089 - first obs missing in FLR to CSV
- SDMXCONV-1132 - The converter cannot detect the missing concepts from the key if they are uncoded
- SDMXCONV-1125 - default.operation.option=CONVERSION\_AND\_VALIDATION
- SDMXCONV-1117 - querying registry : others

- SDMXXCONV-1120 - struval, reserved id: XML error instead of expected error message
- SDMXXCONV-1119 - struval, missign concept: Internal server error instead of expected error message
- SDMXXCONV-1118 - WS default registry endpoit issue
- SDMXXCONV-1068 - Optimisation for excel paramaters sheets
- SDMXXCONV-871 - DefaultVersion also in configuration file
- SDMXXCONV-997 - Do not log validation errors in the logs
- SDMXXCONV-1127 - Improve error message for end of line character (SDMXXCONV-1126)
- SDMXXCONV-864 - Multiple input files should be supported for validation and conversion
- SDMXXCONV-1038 - SDMXX - Converter tools - template in webapp

#### **Converter v8.3.1**

**23.07.2020**

- SDMXXCONV-1095 – Converter improvements

#### **Converter v8.3.0**

**20.07.2020**

- SDMXXCONV-936 – StruVal is treating file content error as a Technical Error
- SDMXXCONV-1053 – Converter ws fails to deploy without internet connection
- SDMXXCONV-1067 – Better identification of technical errors
- SDMXXCONV-1083 – Reformulation of the error message
- SDMXXCONV-1085 – SDMXX Converter - TRASE is missing Output HeaderRow parameter
- SDMXXCONV-1087 – FLR to SDMXX 2.0 : An observation may only be written while inside a series
- SDMXXCONV-1075 – SDMXX Converter RoundingPrecision
- SDMXXCONV-1094 – Update SSL certificate for Euro SDMXX registry
- SDMXXCONV-1093 – Converter 8.2.0 :: MSD Report and XLS input
- SDMXXCONV-1096 – MRR: Constrains -Add a space after comma when multiple constrains are listed
- SDMXXCONV-1095 – Converter improvements
- SDMXXCONV-1109 – Error Handling improvement
- SDMXXCONV-1097 – ErrorFile missing from XSD
- SDMXXCONV-1082 – Temporary file not deleted in case of Exception
- SDMXXCONV-1090 – Mapping file not used for MULTI\_LEVEL CSV to Cross
- SDMXXCONV-1098 – Special characters in input file results in technical error
- SDMXXCONV-1100 – Wrong severity "Fatal Error"
- SDMXXCONV- 1099 – Technical error in case of non-XML format detected
- SDMXXCONV-1104 – EDAMIS4-150-Data transfer for HICP\_COVID\_M\_SI\_2020\_0006.xlsx
- SDMXXCONV-1105 – SDMXX Converter - Typo in Error description
- SDMXXCONV- 1106 – STRUVAL internalt server error when a wrong type is used
- SDMXXCONV- 1108 – spelling error in the property file

#### **Converter v7.9.5**

**15.06.2020**

- SDMXXCONV-1094 – Update SSL certificate for Euro SDMXX registry
- SDMXXCONV-1090 – Mapping file not used for MULTI\_LEVEL CSV to Cross

#### **Converter v8.2.0**

**25.05.2020**

- SDMXXCONV-1078 - MSD report, Actor position/update MSD
- SDMXXCONV-1060 - MSD report, include it as an attachment with the old report in the main soap body
- SDMXXCONV-907 - Possibility to use formulas in external Excel parameter sheet
- SDMXXCONV-1059 - Populate DSD, DATAFLOW, CONSTRAINT using an agreed format

- SDMXCONV-1063 - MSDB Do not include attributes with sample values
- SDMXCONV-1061 - MSD report use GenericMetadata format
- SDMXCONV-1069 - Port bug-fixes and improvements from 7.9.2 to 8.2.0
- SDMXCONV-1031 - Energy Phase 4 (MOS%) UAT
- SDMXCONV-1012 - Change the order of the fields in the key for LFS
- SDMXCONV-1057 - FW: ENERGY - MOSGAS/MOSOIL validation issue in STRUVAL
- SDMXCONV-1081 - Align the Val report from STRUVAL to the MSD v4
- SDMXCONV-1062 - MSD report, repeat the VALIDATION not RULES/DATA

#### **Converter v7.9.4**

**27.04.2020**

- SDMXCONV-1080 - Custom format dans Excel
- SDMXCONV-1077 - WS 7.9.3,different result on Tomcat and Weblogic
- SDMXCONV-1076 - Internal Server Error for FLR mapping missing

#### **Converter v7.9.3**

**15.04.2020**

- SDMXCONV-775 - WebApp FLR UI issues
- SDMXCONV-1045 - remove has double quote
- SDMXCONV-1036 - default padding character space
- SDMXCONV-1071 - Update certificate for IMF registry (SDMXcentral)
- SDMXCONV-1074 - CSV : no obs value, output "OBS\_VALUE"
- SDMXCONV-1072 - Error parsing CSV with double quotes in a value
- SDMXCONV-1070 - Drag & drop issue for header file
- SDMXCONV-945 - STRUVAL: missing Series Key (Dimension) in validation report

#### **Converter v7.9.2**

**06.04.2020**

- SDMXCONV-1022 - Webservice : Allow "delimiter" instead of "outputDelimiter" parameter when only output is CSV format
- SDMXCONV-1047 - Download mapping file for FLR output auto mapping
- SDMXCONV-1050 - Ordering in listboxes in the converter
- SDMXCONV-1036 - Conversion from SDMX-CSV format to FLR
- SDMXCONV-996 - make visible formats for conversion configurable in UI
- SDMXCONV-775 - Converter should be able to output FLR files
- SDMXCONV-1052 - STRUVAL reports for non UTF-8 encoding files
- SDMXCONV-1049 - header file changed when edited
- SDMXCONV-1048 - Validate output broken for FLR
- SDMXCONV-1045 - hasDoubleQuote Resversed
- SDMXCONV-1033 - SDMX - Converter tools - Useless error message when CSV header is wrong
- SDMXCONV-954 - Desktop app not reading config/default-header.properties
- SDMXCONV-950 - null values with crosX mapping in multi-level CSV output
- SDMXCONV-1065 - Probleme parameter sheet
- SDMXCONV-1044 - FW: Struval internal server error 500 with SDMX\_CSV input

#### **Converter v8.1.1**

**26.02.2020**

- SDMXCONV-775 - Converter should be able to output FLR files
- SDMXCONV-1036 - Conversion from SDMX-CSV format to FLR
- SDMXCONV-998 - SdmxSource fix Header ID validation



- SDMXCONV-996 - make visible formats for conversion configurable in UI
- SDMXCONV-984 - XSD not updated in WebLogic Converter web service
- SDMXCONV-944 - Excel parameter sheet must match DSD
- SDMXCONV-1008 - Weblogic has two endpoints for Struval
- SDMXCONV-1035 - SDMX - Converter tools - update global registry URL and certificate
- SDMXCONV-1042 - Workaround WebLogic war file deployment & MSD issue
- SDMXCONV-1037 - new Converter v8.0.0
- SDMXCONV-1043 - Validation Problem - Quoted column header not supported in CSV
- SDMXCONV-1041 - Wrong error message for lines with empty values

#### **Converter v8.1.0**

**21.01.2020**

- SDMXCONV-914- STRUVAL/CONVERTER Metadata service
- SDMXCONV-1019 - STRUVAL should be able to output the old validation report and the MSD based one
- SDMXCONV-873 - confidentiality problem during the validation of a file that contains unclosed double quotes
- SDMXCONV-1032 - Many validation errors returned for missign header

#### **Converter v7.9.1**

**28.02.2020**

- SDMXCONV-775 - Converter should be able to output FLR files
- SDMXCONV-1043 - Validation Problem - Quoted column header not supported in CSV
- SDMXCONV-1041 - Wrong error message for lines with empty values
- SDMXCONV-1035 - SDMX - Converter tools - update global registry URL and certificate

#### **Converter v7.9.0**

**10.01.2020**

- SDMXCONV-908 - STRUVAL/CONVERTER Metadata service
- SDMXCONV-873 - confidentiality problem during the validation of a file that contains unclosed double quotes
- SDMXCONV-871 - UTF-8-BOM

#### **Converter v7.8.3**

**27.02.2020**

- SDMXCONV-775 - Converter should be able to output FLR files
- SDMXCONV-1043 - Validation Problem - Quoted column header not supported in CSV
- SDMXCONV-1035 - SDMX - Converter tools - update global registry URL and certificate

#### **Converter v7.8.2**

**30.12.2019**

- SDMXCONV-1026 - Pending issues for domain ENERGY (CONVAL - MDT - possibly other tools)

#### **Converter v7.8.1**

**10.12.2019**

- SDMXCONV-1025 - Conform CSV Writers with RFC4180
- SDMXCONV-1021 - Additional spaces in a csv file not detected
- SDMXCONV-1023 - SDMX\_CSV writer Engine use double quotes selection doesn't double also the existing input quotes.
- SDMXCONV-1024 - SDMX - Converter tools
- SDMXCONV-1011 - Wrong management of column number for Multi\_level CSV

**Converter v7.8.0****13.11.2019**

- SDMXCONV-1006 - STRUVAL - Support for validation of coded Observation value
- SDMXCONV-1010 - Possibility to save the content of the output file in the same file as the DSD
- SDMXCONV-1001 - Allow "delimiter" instead of "outputDelimiter" parameter when only output is CSV format
- SDMXCONV-1015 - Change version in the namespace in a wsdl/xsd in case downwards compatibility is broken
- SDMXCONV-1011 - Wrong management of column number for Multi\_level CSV
- SDMXCONV-987 - [IS4STAT Input Hall] - NASEC\_T0801\_Q\_LV\_2019\_0002\_V0002.xml: Technical error while processing structural validation
- SDMXCONV-1016 - SDMX - Converter tools

**Converter v7.7.4****30.10.2019**

- SDMXCONV-993 - Webapp multiple tabs/sessions
- SDMXCONV-1009 - Wrong label in the navigation menu
- SDMXCONV-999 - Converter WS cannot respond SOAP Fault in WebLogic anymore
- SDMXCONV-988 - Issue with default-header file in the webapp and GUI
- SDMXCONV-1013 - TRASE v7.7.2 - issue for ENERGY in PROD

**Converter v7.7.3****18.10.2019**

- SDMXCONV-999 - Converter WS cannot respond SOAP Fault in WebLogic anymore
- SDMXCONV-968 - Uncorrect pannel "Excel Header" displayed
- SDMXCONV-956 - SDMX Converter issue
- SDMXCONV-985 - Conversion from SDMX\_CSV
- SDMXCONV-858 - Implement exit codes for the CLI
- SDMXCONV-894 - Improve FLR input details screen
- SDMXCONV-872 - STRUVAL Report Dataflow in StructureInfo as well
- SDMXCONV-1002 - WebApp doesn't indicate the conversion result
- SDMXCONV-995 - DSDs not deleted from the temp folder
- SDMXCONV-989 - Drag and drop doesn't trigger the appearance of the edit button
- SDMXCONV-990 - Align behaviour of checkboxes and their labels
- SDMXCONV-1003 - Cross to CSV difference in 7.7.x
- SDMXCONV-1007 - Latest version of SDMX tools

**Converter v7.7.2****01.10.2019**

- SDMXCONV-964 - FW: Documentation improvement : MTOM explanation
- SDMXCONV-963 - Support transcoding sheets from external parameter excel file
- SDMXCONV-992 - SdmxSource isXML utility method slow/consumes resources
- SDMXCONV-858 - Implement exit codes for the CLI
- SDMXCONV-957 - FW: Struval Out Of Memory Error with big files
- SDMXCONV-958 - STRUVAL big test files
- SDMXCONV-962 - STRUVAL with FLR: no meaningful error message
- SDMXCONV-981 - Conditional attributes are mandatory in the mapping screen
- SDMXCONV-985 - Conversion from SDMX\_CSV
- SDMXCONV-979 - FLR and wrong mapping file

- SDMXCONV-983 - Issue with Tab delimiter
- SDMXCONV-986 - Different behaviour between CSV and SDMX\_CSV

#### **Converter v7.7.1**

**20.09.2019**

- SDMXCONV-966 - FW: Crash of the converter
- SDMXCONV-965 - Button "Select" for SDMX header
- SDMXCONV-975 - MaxEmptyColumns issue in Excel reader
- SDMXCONV-980 - Sheet with name "Transport" recognized as transcoding sheet

#### **Converter v7.7.0**

**13.09.2019**

- SDMXCONV-761 - Error report improvement : display the line number that raises an error
- SDMXCONV-858 - Implement exit codes for the CLI
- SDMXCONV-865 - Batch script example to be provided in the documentation for the CLI
- SDMXCONV-866 - Allow drag and drop feature for all files that are currently uploaded (input, parameters, headers, DSD, etc)
- SDMXCONV-869 - Improve error when dataflow provided without DSD
- SDMXCONV-894 - Improve FLR input details screen
- SDMXCONV-945 - STRUVAL: missing Series Key (Dimension) in validation report
- SDMXCONV-948 - Excel conversion failed for optional attribute not configured
- SDMXCONV-949 - Crash when "Saving mapping"
- SDMXCONV-950 - null values with crosX mapping in multi-level CSV output
- SDMXCONV-952 - StackOverflowError when reading Excel file
- SDMXCONV-953 - Unknown error during Excel validation
- SDMXCONV-954 - Desktop app not reading config/default-header.properties
- SDMXCONV-955 - Error using mapping
- SDMXCONV-959 - Tab Delimiter error
- SDMXCONV-963 - Support transcoding sheets from external parameter excel file
- SDMXCONV-967 - Support ticket for BAS-SDMXTOOLS-ESTAT
- SDMXCONV-968 - Uncorrect pannel "Excel Header" displayed

#### **Converter v7.6.0**

**07.08.2019**

- SDMXCONV-946 – Validation of Excel file doesn't use selected Dataflow
- SDMXCONV-947 – Prepared date cannot be parsed when loading header
- SDMXCONV-816 – Special excel format for the validation reporting service
- SDMXCONV-834 – Last screen: "validate output" function
- SDMXCONV-867 – SDMX CSV internal format
- SDMXCONV-835 – Improvement of manual header screen
- SDMXCONV-894 – Improve FLR input details screen
- SDMXCONV-951 – Parameter ErrorIfEmpty.

#### **Converter v7.5.9**

**23.07.2019**

- SDMXCONV-82 - Unexpected Java stack traces on CLI output when conversion fails
- SDMXCONV-205 - CLONE - Conversion from GESMES\_TS renames CONF\_STATUS to OBS\_CONF
- SDMXCONV-761 - Error report improvement : display the line number that raises an error
- SDMXCONV-778 - order of elements in GESMES/TS parser of SdmxSource

- SDMXCONV-939 - Multimeasure DSD, and CSV output mapping

#### **Converter v7.5.8** **05.07.2019**

- SDMXCONV-33 - SE-394 Store more than one Registry in the config.txt file for the SDMX Converter.
- SDMXCONV-695 - Error accessing Global registry SOAP ws
- SDMXCONV-764 - Support for MTOM in webservice
- SDMXCONV-847 - STRUVAL content constraint do not report invalid codes
- SDMXCONV-940 - Issue when special characters (UTF-8) are displayed in the validation page
- SDMXCONV-941 - Interpretation of "Reporting Month" format type

#### **Converter v7.5.7** **26.06.2019**

- SDMXCONV-695 - Error accessing Global registry SOAP ws
- SDMXCONV-796 - LFs and multiple measures
- SDMXCONV-797 - Support mapping of a SDMX v2.1 measure dimension's concepts
- SDMXCONV-798 - FLR Reader support for SDMX 2.1 measure dim. concepts as columns
- SDMXCONV-799 - Modify the GUI & WebApp to support SDMX v2.1 measure dimension concept mappings
- SDMXCONV-800 - Transcoding support for SDMX v2.1 measure dimension concepts
- SDMXCONV-801 - Single Level CSV Writer support for SDMX v2.1 measure dim. concepts as columns
- SDMXCONV-915 - Check dataset level attributes in flat file formats
- SDMXCONV-916 - Add support in SdmxSource for explicit measures in structure reference. Delete this link
- SDMXCONV-921 - Excel to CSV creates observations with incomplete keys
- SDMXCONV-922 - Missing documentation for "SkipIncompleteKeys"
- SDMXCONV-924 - Excel templates conversion 5.4.4 VS 7.x
- SDMXCONV-925 - HeaderWriting not allowed error
- SDMXCONV-926 - External Parameter File : checkbox not checked
- SDMXCONV-927 - Excel should use actual value by default for numbers
- SDMXCONV-929 - Home button links to wrong context root on result page
- SDMXCONV-930 - Compact file with custom namespace fails validation and conversion
- SDMXCONV-931 - Issue in the SDMX Converter
- SDMXCONV-933 - Observations are printed in the console during conversion
- SDMXCONV-934 - SDMX - Converter tools - Excel validation and conversion in ENV domain

#### **Converter v7.5.61** **06.08.2019**

- SDMXCONV-951- Parameter ErrorIfEmpty.

#### **Converter v7.5.6** **30.05.2019**

- SDMXCONV-918 - deactivate the header check for 2.0 files in the same way this was done for 2.1 files
- SDMXCONV-919 - Redirection from home to /convert not working on weblogic
- SDMXCONV-920 - 'Home' button hardcoded to "converter-webapp"

#### **Converter v7.5.5** **22.05.2019**

- SDMXCONV-695 - Error accessing Global registry SOAP ws
- SDMXCONV-798 - FLR Reader support for SDMX 2.1 measure dim. concepts as columns
- SDMXCONV-799 - Modify the GUI & WebApp to support SDMX v2.1 measure dimension concept mappings

- SDMXCONV-896 - Wrong action, not in validation report
- SDMXCONV-902 - constraints are not used for validation
- SDMXCONV-910 - Internal error instead of error message for wrong struct ref
- SDMXCONV-911 - Ignore SDMX Header XML schema errors for SDMX v2.1 format data files

#### **Converter v7.5.4**

**09.05.2019**

- SDMXCONV-689 - WS: version tag in every service response
- SDMXCONV-773 - Problem mapping multi-level CSV
- SDMXCONV-900 - Question about long execution time in 7.5.2 compared to 7.4.0 conversion webservice
- SDMXCONV-901 - Allow transcoding on measure/OBS\_VALUE
- SDMXCONV-902 - constraints are not used for validation
- SDMXCONV-903 - WebApp: Wrong refresh if invalid extension
- SDMXCONV-905 - Confidentiality parameter
- SDMXCONV-906 - EXCEL validation - stops after first error occurrence

#### **Converter v7.5.3**

**25.04.2019**

- SDMXCONV-768 - CSV header
- SDMXCONV-773 - Problem mapping multi-level CSV
- SDMXCONV-792 - Time period implementation
- SDMXCONV-795 - Update of STRUVAL documentation
- SDMXCONV-812 - Validation feature not implemented: minValue
- SDMXCONV-875 - Difference between struval error codes and the documentation
- SDMXCONV-898 - Compact without structure ID in namespace fails validation

#### **Converter v7.5.2**

**15.04.2019**

- SDMXCONV-751 - Error message text improvement (Illegal series)
- SDMXCONV-760 - OBS\_VALUE: error report improvement
- SDMXCONV-790 - The button Test must be unticked
- SDMXCONV-885 - Format of the preparation date
- SDMXCONV-886 - WebApp and load template
- SDMXCONV-889 - Converter allows SDMX\_CSV validation with a DSD
- SDMXCONV-890 - Excel file is not completely converted
- SDMXCONV-891 - SDMX-CSV validation wrong duplicate errors
- SDMXCONV-892 - Validation wrong missing structure ref error with DataFlow
- SDMXCONV-893 - FLR to CSV fails for LFS
- SDMXCONV-895 - Excel templates minimum.excel.inflateRatio default value set to 0.001

#### **Converter v7.5.1**

**03.04.2019**

- SDMXCONV-878 - 'Invalid date format' error for Prepared
- SDMXCONV-876 - Conversion from FLR to CSV not supported
- SDMXCONV-880 - Different action in the header and on Dataset
- SDMXCONV-881 - Missing dataset level attribute for Excel 'COLUMN' position
- SDMXCONV-883 - Step for Reporting period is shown when it should not
- SDMXCONV-884 - STRUVAL: error message when parameters and mapping files are present in the query

#### **Converter v7.5.0**

**27.03.2019**

- SDMXCONV-857 - Bad structure selected in GUI when loading template and using registry
- SDMXCONV-856 - header : NASEC\_T0800\_A\_V1.7 - "." error not detected anymore
- SDMXCONV-859 - TIME\_PERIOD error reports OBS\_VALUE instead
- SDMXCONV-868 - Compact Data and Dataflow Identification problem.
- SDMXCONV-754 - FLR Manual Config in GUI/FLR
- SDMXCONV-759 - Pending issues from QTM 11 2017 to be covered under QTM 2 2018
- SDMXCONV-740 - EXCEL input file based validation
- SDMXCONV-854 - Conversion CSV to SDMX\_CSV: missing delimiter parameter for OUTPUT file
- SDMXCONV-877 - Issue with validation and conceptRole
- SDMXCONV-874 - EDUC Questionnaires

**Converter v7.4.0**

**12.02.2019**

- SDMXCONV-769 - CSV header: mandatory fields not checked
- SDMXCONV-832 - Wrong message for conversion when the validation fails
- SDMXCONV-837 - Template issue with registry and delimiter
- SDMXCONV-849 - Structure Specific file generation
- SDMXCONV-850 - Null exception during validation
- SDMXCONV-851 - null value for parameter "SkipObservationWithValue"
- SDMXCONV-848 - StruVal Validation using Registry

**Converter v7.3.9**

**05.02.2019**

- SDMXCONV-837 - Template issue with registry and delimiter
- SDMXCONV-833 - SDMXConverter temporary files issue
- SDMXCONV-843 - Missing mandatory namespace detected

**Converter v7.3.8**

**30.01.2019**

- SDMXCONV-837 - Template issue with registry and delimiter
- SDMXCONV-822 - Empty value or NaN not allowed for OBS\_VALUE in a CSV file
- SDMXCONV-841 - ObsLevelDim:AllDimensions
- SDMXCONV-842 - has double quotes option disappeared
- SDMXCONV-843 - Missing mandatory namespace detected
- SDMXCONV-844 - Null exception when structure ref is missing
- SDMXCONV-845 - Null exception but not related to missing structure ref
- SDMXCONV-846 - Conversion of MOS-GAS questionnaires

**Converter v7.3.7**

**16.01.2019**

- SDMXCONV-641 - removed the reference to the variable 'JAVA\_HOME' and call java directly
- SDMXCONV-736 - Options inconsistency for SDMX-CSV
- SDMXCONV-755 - Test Sending NA\_MAIN in SDMX 2.1
- SDMXCONV-769 - CSV header: mandatory fields not checked
- SDMXCONV-802 - WebApp and File format detection
- SDMXCONV-809 - empty CSV / SDMX\_CSV
- SDMXCONV-811 - Semantic error with excel file

- SDMXCONV-825 - Error attributes missing in response
- SDMXCONV-826 - Technical error while processing structural validation
- SDMXCONV-833 - SDMXConverter temporary files issue
- SDMXCONV-838 - CLI\_APP and registry
- SDMXCONV-840 - Error null, when structure reference is missing

#### **Converter v7.3.6** **21.12.2018**

- SDMXCONV-755 - Test Sending NA\_MAIN in SDMX 2.1
- SDMXCONV-785 - STRUVAL doesn't report missing namespace attribute in SDMX v2.1 header
- SDMXCONV-813 - CSV input - Concept sort-order/position ignored
- SDMXCONV-828 - Struval: validation of a CSV type input file
- SDMXCONV-804 - Validation error "null"
- SDMXCONV-814 - Bug in Struval? : Technical error while processing structural validation
- SDMXCONV-815 - A technical error email instead the issue to occur in STRUVAL report

#### **Converter v7.3.5** **18.12.2018**

- SDMXCONV-808 - Conversion of empty files
- SDMXCONV-810 - TimePeriod not validated when CSV input
- SDMXCONV-749 - Implementation of missing version in the SDMX message
- SDMXCONV-788 - Custom namespace/prefix not working
- SDMXCONV-771 - Raising the Maximum errors displayed
- SDMXCONV-807 - Manual header config stay checked when disabled and produce an error

#### **Converter v7.3.4** **29.11.2018**

- SDMXCONV-794 - VNAMAIN\_T0101\_A should have failed STRUVAL
- SDMXCONV-789 - different behavior between "convert and validate" and convert followed by a validation

#### **Converter v7.3.3** **23.11.2018**

- SDMXCONV-793 - STS - SDMX-CSV tests
- SDMXCONV-789 - different behavior between "convert and validate" and convert followed by a validation

#### **Converter v7.3.2** **15.11.2018**

- SDMXCONV-754 - FLR Manual Config in GUI/FLR – Only for desktop application
- SDMXCONV-741 - CSV delimiter: error with TAB
- SDMXCONV-774 - SDMX Converter library changes timezone in runtime while doing SDMX to CSV conversion - impact on EDIT application
- SDMXCONV-758 - Typo in Converter scripts
- SDMXCONV-780 - Excel : support for combination of skipped and missing observations values
- SDMXCONV-779 - Excel : Skipped attribute has value in output with 2 parameter sheets
- SDMXCONV-781 - Excel : row of observations missing
- SDMXCONV-784 - CLI with webservice not working
- SDMXCONV-782 - Parameters written to the logs are different from actual parameters
- SDMXCONV-750 - Struval uses the incorrect structure info with multiple dsd

#### **Converter v7.3.1** **24.10.2018**

- SDMXCONV-737 - CSV CrossSectional Measures
- SDMXCONV-741 - CSV delimiter: error with TAB
- SDMXCONV-742 - Column order different from mapping file (Excel to CSV)
- SDMXCONV-745 - Header Row changes value when Change Input is selected for CSV input
- SDMXCONV-748 - Cannot save validation errors (webapp)
- SDMXCONV-770 - Transcoding doesn't work
- SDMXCONV-766 - Sheet "Parameters" is read but should not because of "Parameter\_mapping"
- SDMXCONV-765 - Support special characters for transcoding output value
- SDMXCONV-746 - External parameter sheet for Energy templates

#### **Converter v7.3.0**

**02.10.2018**

- SDMXCONV-341 - Alphabetical order in the transcoding window
- SDMXCONV-112 - Conversion from invalid SDMX Cross file shows obscure error message
- SDMXCONV-727 - Excludes hosts from using proxy
- SDMXCONV-731 - Implementation: Inform the user about the number of converted records and the number of erroneous records
- SDMXCONV-133 - No error message when CLI is run with one single argument
- SDMXCONV-131 - Option -help not recognized when additional arguments are present
- SDMXCONV-132 - Option -version not recognized when additional arguments are present
- SDMXCONV-674 - WS Convert function: adding version tag
- SDMXCONV-732 - add support for special characters
- SDMXCONV-700 - validation of FLR input files
- SDMXCONV-747 - Big files crash the server with MTOM attachment

#### **Converter v7.2.0**

**11.09.2018**

- SDMXCONV-76 - Automatic selection of Input Format does not work for all formats
- SDMXCONV-698 - Error Report: additional fields needed
- SDMXCONV-695 - Error accessing Global registry SOAP ws
- SDMXCONV-705 - Issue with timezone conversion, local time output instead of UTC+0
- SDMXCONV-675 - Registries using HTTP not working anymore
- SDMXCONV-720 - Support ConceptSeparator for MIXED and OBS\_LEVEL position types for Excel
- SDMXCONV-721 - Support transcoding for not coded dimensions and attributes
- SDMXCONV-716 - TRASE Service: error response proposal
- SDMXCONV-722 - WS Extend autodetection of input file to other formats
- SDMXCONV-744 - Converter need to use the actual not formatted value for ENERGY excel templates
- SDMXCONV-745 - Header Row changes value when Change Input is selected for CSV input

#### **Converter v7.1.0**

**31.07.2018**

- SDMXCONV-725 - SDMX-CSV (Java) adopt streaming recommendation from the standard
- SDMXCONV-728 - Quotes usage
- SDMXCONV-729 - Understandable error message for bad structure file on webapp
- SDMXCONV-730 - Wrong delimiter error message with csv input

#### **Converter v7.0.0**

**23.07.2018**

- SDMXCONV-495 Wrong validation error for group level elements
- SDMXCONV-584 Unclear error using bad DSD file
- SDMXCONV-647 Save CSV Mapping
- SDMXCONV-648 Save transcoding in a file



- SDMXCONV-649 edit mapping and transcoding file
- SDMXCONV-650 output file format change when you change the operation at the first screen
- SDMXCONV-657 Validation: TimeDimension with gregorianYearMonth
- SDMXCONV-667 Validation Cross-Sectional: added TIME\_PERIOD which is not in the DSD
- SDMXCONV-677 typo in the namespace
- SDMXCONV-678 A changing message for the Validation result with more than 10 errors
- SDMXCONV-679 Only 10 errors saved in a file with the Save Errors button
- SDMXCONV-680 Changing the message after the input file selection
- SDMXCONV-681 The information about Truncated not saved in the output file
- SDMXCONV-690 Conversion from CSV to SDMX: csv header missing error message
- SDMXCONV-702 Support for the Energy domain
- SDMXCONV-703 Excel data sheets not converted using Converter 6.16.0
- SDMXCONV-704 Unable to manually map parameter sheets
- SDMXCONV-706 0 in 'Number' cells not skipped using "SkipObservationWithValue 0"
- SDMXCONV-707 Missing observations from Excel file GasQues\_2017.08 with DSD.xlsm
- SDMXCONV-713 Errors not displayed in certain cases
- SDMXCONV-714 header on the second line with SDMX\_CSV
- SDMXCONV-715 Error when the time\_period line is parametered before the data
- SDMXCONV-718 Wsdl changes for SDMXCONV-639 - CSV input file validation
- SDMXCONV-724 Error loading template
- SDMXCONV-733 SchemaValidationException at second validation

#### **Converter v6.16.0**

**12.06.2018**

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The following bugs have been covered:

- SDMXCONV-669 Configuration of the number of error displayed in the GUI and Web application.
- SDMXCONV-663 Input output selection screen.
- SDMXCONV-664 Position of the Save header button.
- SDMXCONV-638 FLR format to be supported.
- SDMXCONV-665 Wrong CSV delimiter error message.
- SDMXCONV-469 Support for energy templates with excel api having a low memory footprint and achieve to read big xlsx files.
- SDMXCONV-693 TIME\_PERIOD in SDMX 2.0 vs TIME\_PERIOD in SDMX 2.1 for the monthly data.
- SDMXCONV-666 Interface not locked during long conversion.

*The following bugs have been covered:*

- SDMXCONV-635 Map multiple concepts to the same column/cell/row.

SDMXCONV-694 Excel Parameter SkipObservationWithValue uses formatted value instead of actual value.

#### **Converter v6.15.0**

**16.05.2018**

- SDMXCONV-670 Multilevel CSV input file validation
- SDMXCONV-615 Performance issue writing to a network drive

The following bugs have been covered:

- SDMXCONV-636 Implementation of enhanced excel templates support

#### **Converter v6.14.1**

**2018.05.04**

- SDMXCONV-660 Conversion and Validation added to Cli.
- SDMXCONV-658 Receiver info of the Header not written in the output file in Gui.
- SDMXCONV-662 Struval not well formed input file not reported.
- SDMXCONV-668 Convert from CSV to SDMX-ML: NO\_HEADER not recognised.
- SDMXCONV-675 Registries using HTTP not working anymore.

- SDMXCONV-634 HTTP proxy support with authentication.
- SDMXCONV-645 Access registries over SSL (HTTPS).
- SDMXCONV-642 CSV multilevel support also the CrossX measures.
- SDMXCONV-654 Convert CSV with quotes in one value.
- SDMXCONV-544 Size of the TextField fixed in Gui.
- SDMXCONV-565 Version of Converter comment added in the output.
- SDMXCONV-691 Load values from config file in Gui.
- SDMXCONV-685 When converting with a mapping, error message "wrong number value" appears.
- SDMXCONV-686 Impossible to convert files, error fixed in the CSV reader regarding the fixed values.
- SDMXCONV-687 Validation: one more duplication error for CrossSectional compared to Generic & Specific.
- SDMXCONV-636 SkipIncompleteKeys Excel Parameter added and ignoring data Sheets without mapping.
- SDMXCONV-439 Conversion Csv To Compact To CSV error fixed.
- SDMXCONV-604 Xml output files not correctly formatted.
- SDMXCONV-611 Event for help buttons responses quicker in the Desktop application.
- SDMXCONV-459 Inform the user about the number of converted records and the number of erroneous records.

Documentation update for API.

### **Converter v6.14.0** **2018.04.16**

- SDMXCONV-617 Additional check during a validation
- SDMXCONV-585 Home link not working
- SDMXCONV-597 new button needed after the validation
- SDMXCONV-603 Info on the template option
- SDMXCONV-604 Xml output files not correctly formatted
- SDMXCONV-636 Implementation of enhanced excel templates support
- SDMXCONV-635 map multiple concepts to the same column/cell/row  
The following bugs have been covered:
- SDMXCONV-684 Impossible to save the SDMX header
- SDMXCONV-606 Header file selection and manual config
- SDMXCONV-495 Wrong validation error for group level elements

### **Converter 6.13.0** **23.03.2018**

- SDMXCONV-606 Header file selection edit header file and manual config.
- SDMXCONV-629 Converter should raise an error CODE when a validation fails.
- SDMXCONV-633 Converter gui displays the information of the previous action upon loading a new one at the result page.
- SDMXCONV-637 Distinction between a technical error and a transformation error for web service.
- SDMXCONV-639 CSV input file validation should be allowed in all modes of the Converter. The errors should be traceable and aligned with the implementation of STRUVAL.
- SDMXCONV-525 Analysis for distinction between a technical error and a transformation error for web service.
- SDMXCONV-495 Wrong validation error for group level elements
- NOTE: Repetition fix included in 6.13.0.  
The following bugs have been covered:
- SDMXCONV-667 Validation Cross-Sectional: added TIME\_PERIOD which is not in the DSD.
- SDMXCONV-659 File extension case sensitive
- SDMXCONV-645 Access registries over SSL (HTTPS). Fix for Weblogic and certificates added.
- SDMXCONV-634 HTTP proxy support with authentication.

### **Converter 6.12.0** **28.02.2018**

- SDMXCONV-634 HTTP proxy support with authentication
- SDMXCONV-645 Access registries over SSL (HTTPS)
- SDMXCONV-632 Validation: max error should be displayed
- SDMXCONV-631 Default date format
- SDMXCONV-616 Revert defaults for quotes usage
- SDMXCONV-612 Result screen to be reordered
- SDMXCONV-611 New event on the Help
- SDMXCONV-610 CSV header screen improvement
- SDMXCONV-609 Validation of non SDMX input file
- SDMXCONV-605 Export of the errors after a validation
- SDMXCONV-570 CSV details window, the header should be indicated as mandatory
- SDMXCONV-508 Issue with Previous button
- SDMXCONV-549 Improve technical requirements documentation
- SDMXCONV-495 Wrong validation error for group level elements  
NOTE: the TIME\_PERIOD fix will be included but not the repetition fix in 6.12.0
- SDMXCONV-462 does not have enough xml tags to carry information if the input and output is CSV or CSV-like formats
- SDMXCONV-463 template has only "convert" or "validate" information. The user cannot save a "convert and validate" information
- SDMXCONV-464 the template does not contain "excel" related elements
- SDMXCONV-646 DateTime in STRUVAL
- SDMXCONV-576 Firefox, wrong file extension
- SDMXCONV-642 CSV should support also the CrossX measures  
NOTE: No multi-level CSV support for cross-sectional measures. Only Single Level support for cross-sectional measures will be included in 6.12.0
- SDMXCONV-643 Header manual edition: Empty datasetAction cause error

#### **Converter 6.11.4** **25.01.2018**

- SDMXCONV-630: default registry
- SDMXCONV-625: EGR domain and Structure Specific
- SDMXCONV-622: format not recognized if there is a prefix in the xml root tag
- SDMXCONV-621: Validation of a Generic2.1 just generated
- SDMXCONV-620: Struval and Regular expression
- SDMXCONV-619: Conversion from Excel with TIME on row: According to the FREQ Time is not well formatted
- SDMXCONV-613: CSV input Column mapping
- SDMXCONV-608: empty dataset level attribute in sdmxml output
- SDMXCONV-607: Wrong value with default mapping and NO\_HEADER\_COLUMNS
- SDMXCONV-601: WebApp and Firefox V 52.5.0
- SDMXCONV-598: Time information altered in the header
- SDMXCONV-565: "Created with SDMX Converter vx.x.x" statement needed in the output
- SDMXCONV-562: GESMES technic is always TimeRange
- SDMXCONV-559: Dimensions no more ordered like in the DSD

#### **Converter 6.11.3** **18.12.2017**

- SDMXCONV-563: Difference at validation between v6.5.2 and 6.10.1 with no DSD id,agency and version
- SDMXCONV-567: Improve validation with DSD in SDMX 2.0 format
- SDMXCONV-580: Excel conversion, output validation fails

- SDMXCONV-589: use the NA\_MAIN 2.0 DSD the converter will show semantic error in the DSD due to missing concept scheme version
- SDMXCONV-594: Error using webservice with CSV input
- SDMXCONV-599: Input string with double quote
- SDMXCONV-600: Conversion fail with String index out of range: 0

### **Converter 6.11.2**

**13.12.2017**

- SDMXCONV-583: Performance issue: DSD read multiple times
- SDMXCONV-584: Unclear error using bad DSD file.
- SDMXCONV-585: Home link not working
- SDMXCONV-586: Format detection issues
- SDMXCONV-587: during a conversion if you click on start again, converter bugs
- SDMXCONV-590: Display a warning
- SDMXCONV-591: align the behaviour for the different input output formats
- SDMXCONV-592: ManualConfig and Edit header check boxes not working
- SDMXCONV-593: Error in the webapplication
- SDMXCONV-566: Point 2 - Improve GUI

### **Converter 6.11.1**

**08.12.2017**

- SDMXCONV-579: Validation never end even when the file is valid
- SDMXCONV-578: Receiver info in the header is duplicated
- SDMXCONV-581: Header doesn't correspond to what was configured
- SDMXCONV-582: Conversion to CSV returns NullPointerException using the WS
- SDMXCONV-576: Firefox, wrong file extension
- SDMXCONV-575: "Use double quote" option doesn't work
- SDMXCONV-568: OBS\_VALUE "null" in CSV output
- SDMXCONV-566: Point 1 - Improve GUI

### **Converter 6.11.0**

**04.12.2017**

- SDMXCONV-405: EGR DSD
- SDMXCONV-503: EGR domain, output with converter doesn't contain all data
- SDMXCONV-504: EGR Conversion error if I don't use the "use\_header" option
- SDMXCONV-573: Various issues with the Converter 6.10.2
- SDMXCONV-577: EXCEL Reader and XS Reader/Writer to use non-sdmxsource implementations
- SDMXCONV-513: ESSPROS XLS file returns NullPointerException
- SDMXCONV-564: EXCEL -> SDMXML : Missign dataset level attribute
- SDMXCONV-561: Issue with OBS\_LEVEL parameters in Excel
- SDMXCONV-396: Error with output format EXCEL
- SDMXCONV-571: EGR conversion fro mCSV to StructSpec
- SDMXCONV-572: EGR cross sectional output format: Error in the xml Tag
- SDMXCONV-541: Missign TIME dimnsension at Group, from Compact 2.0 to Cross sectional
- SDMXCONV-542: CROSS sectional format
- SDMXCONV-533: CrossSectionalMeasure output for conversion to Cross sectionnal
- SDMXCONV-574: Converter losing attachment level information after several conversions

### **Converter 6.10.2**

**28.11.2017**

- SDMXCONV-556: Rename parameter for default registry endpoint
- SDMXCONV-555: Querying the RI registry with converter
- SDMXCONV-545: fakepath in Webapp GUI
- SDMXCONV-498: Header required by converter for EXCEL to CSV
- SDMXCONV-455: csv input cannot have more columns than dsd components
- SDMXCONV-396: Error with output format EXCEL
- SDMXCONV-561: Issue with OBS\_LEVEL parameters in Excel
- SDMXCONV-564: EXCEL -> SDMXML: Missing dataset level attribute
- SDMXCONV-513: ESSPROS XLS file returns NullPointerException

#### **Converter 6.10.1** **14.11.2017**

- SDMXCONV-554: Converter WS 6.10.0, deployment fail on Weblogic
- SDMXCONV-458: updated documentation to contain wsdl url for soap instead endpoint
- SDMXCONV-529: Various findings on struval error messages (minor update for new line)
- SDMXCONV-540: Difference in xsd schema on Weblogic blocked by SDMXCONV-554

#### **Converter 6.10.0** **10.11.2017**

- SDMXCONV-546: Format detection broken on the WebApp
- SDMXCONV-540: Difference in xsd schema on Weblogic
- SDMXCONV-539: ERROR level logging on validation
- SDMXCONV-538: Move validate method to different Web service inside the same war
- SDMXCONV-537: different end points for STRUVAL
- SDMXCONV-536: Add some instructions in documentation to access registry over HTTPS
- SDMXCONV-535: Validation of truncated xml file cause infinite loop
- SDMXCONV-529: Various findings on struval error messages
- SDMXCONV-524: Invalid Date Format `2016-M09`
- SDMXCONV-523: Struval allows wrong "NaN " obs values (with blank space)
- SDMXCONV-516: Support for Reporting period in STRUVAL and Converter
- SDMXCONV-515: Test case 7\_Energy\_XL\_TO\_CSV returns an error
- SDMXCONV-514: NASU XLS file returns empty DataSet
- SDMXCONV-512: Converter requires full sender details in header
- SDMXCONV-506: Transcoding not working
- SDMXCONV-473: HeaderWriting tag
- SDMXCONV-458: SOAP Registry endpoints no longer supported (only REST supported).
- SDMXCONV-455: csv input cannot have more columns than dsd components
- SDMXCONV-453: saving the header file

#### **Converter 6.9.1** **06.10.2017**

- SDMXCONV-530: No datastructure found when using <KeyFamilyVersion>
- SDMXCONV-531: False positive "Invalid date format" for flat data Structure Specific
- SDMXCONV-509: Wrong number of error returned at validation
- SDMXCONV-478: Wrong namespace for Compact 2.0 and Cross sectionnal outputs.
- SDMXCONV-482: Wrong namespace for DataSet tag in SDMX-ML output
- SDMXCONV-518: STRUVAL error message truncated
- SDMXCONV-526: CLI help must be updated
- SDMXCONV-534: HeaderRow param in WS needs clarifications
- SDMXCONV-511: Issue reading GESMES\_TS: NullPointerException
- SDMXCONV-529: Various findings on struval error messages

- SDMXCONV-474: Delete message, wilcarded FREQ, from Gesmes to SDMX-ML

### **Converter 6.9.0**

**29.09.2017**

- SDMXCONV-522: STRUVAL Service access to SDMX-compliant registry (Implementation)
- SDMXCONV-528: Struval web service- analysis and implementation of the improvement of the structure of the validation request
- SDMXCONV-489 - analysis of the new converter templates
- SDMXCONV-475: Missing TIME\_FORMAT from GESMES to SDMX-ML
- SDMXCONV-429: Same quoteCharacter as delimiter in CsvValidationParameter should bring an error
- SDMXCONV-483: Generic 2.1 output has wrong tag <generic:ObsValue></generic:ObsValue>
- SDMXCONV-482: Wrong namespace for DataSet tag in SDMX-ML output
- SDMXCONV-478: Wrong namespace for Compact 2.0 and Cross sectionnal outputs.
- SDMXCONV-505: File validation
- SDMXCONV-494: saving the header file
- SDMXCONV-434: CSV headerRow in converter webservice
- SDMXCONV-529: various findings on struval messages

### **Converter 6.8.0**

**16.08.2017**

The following new features have been included:

- SDMXCONV-485: save / load template in converter
- SDMXCONV-381: Revising the error messages reported by STRUVAL
- SDMXCONV-455: csv with more input columns than dsd components
- SDMXCONV-458: SOAP registry endpoints no longer supported.
- SDMXCONV-473: header file

The following bugs have been covered:

- SDMXCONV-493: Issue reading header .prop files
- SDMXCONV-488: Header file without datasetaction value return an error
- SDMXCONV-496: HeaderWriting tag
- SDMXCONV-481: Default CSV delimiter changed from semicolon to coma.
- SDMXCONV-439: Error 107: Conversion Csv To Compact To CSV
- SDMXCONV-422: CsvValidationParameter in Converter service
- SDMXCONV-484: Missing dataset attributes
- SDMXCONV-472: Error parsing multilevel CSV file

### **Converter 6.7.0**

**31.07.2017**

The following new features have been included:

- SDMXCONV-485: save/load template
- SDMXCONV-486: re-create the Converter API package
- SDMXCONV-487: create a Converter CLI application and documentation
- Support of SOAP Registries for getting DataStructures

The following bugfixes have been included:

- SDMXCONV-477: issue with CSV mapping

### **Converter 6.6.1**

**05.07.2017**

The following new features have been included:

- new writer for Utility format (SdmxSource was missing a Utility Writer)

## **Converter 6.5.2**

**15.09.2017**

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The following bugs have been covered:

- SDMXCONV-523: Struval allows wrong "NaN " obs values (with blank space)

## **Converter 6.5.1**

**03.07.2017**

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The following new features added:

- SDMXCONV-438 POI InvalidFormatException in WS with xls files
- SDMXCONV-442 Converter WS error using registry
- SDMXCONV-444 HeaderTimeType: wrong datetime format in Header-Prepared tag returns NullPointerException instead of Error Message
- SDMXCONV-445 Technical error while processing structural validation
- SDMXCONV-448 XML Dataset: special characters in Header ID tag throws NullPointerException
- SDMXCONV-447 Missing observation converting to Cross Sectional
- SDMXCONV-450 Error with output format CSV: endElement Header :null
- SDMXCONV-451 Error parsing CSV

## **Converter 6.6.0**

**16.06.2017**

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The following new features have been included:

- SDMXCONV-428 New readers/writers
- SDMXCONV-425 Ensure better validation for CSV input
- SDMXCONV-416 Cleanup of the user documentation
- SDMXCONV-415 Implementation of a new DatasetTypeCheck service
- SDMXCONV-414 SDMX/CSV implementation in the SDMX Converter
- SDMXCONV-413 Analyze and design the new Report Annotation service
- SDMXCONV-411 Fix converter to be able to run on Java 1.8
- SDMXCONV-394 Getting the SDMX version of the dataset

## **Converter Web App 6.5.0**

**11.05.2017**

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The following new features have been included:

- Version changed to 6.5.0 for consistency between applications

## **Converter Web App 6.4.0**

**28.04.2017**

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The following new features have been included:

- Version changed to 6.4.0 for consistency between applications
- SDMXCONV-264- Testing the modified DSD
- SDMXCONV-399- Converter GUI blocked
- SDMXCONV-403- Double message prefix in the output file when converting to SDMX-ML 2.1
- SDMXCONV-404- Validation failed for Structure Specific TS generated with the converter
- SDMXCONV-411- Fix converter to be able to run on Java 1.8

## **Converter Web App 1.2.0**

**22.03.2017**

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The following new features have been included:  
SDMXCONV-383- Implementing writing of Excel files

**Converter Web App 1.1.0**  
**01.03.2017**

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The following new features have been included:  
SDMXCONV-385- User interface improvements

**Converter Web App 1.0.0**  
**11.08.2016**

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The following new features have been included:

- First release of the Converter Web Application using converter-api 6.0.0.jar