

Introduction

This page contains information on many of the tools currently available or under development for use with Dataset-XML files. Dataset-XML is a new CDISC XML Technologies standard developed as a data transport format for representing SDTM, SEND, ADaM, and legacy datasets. Dataset-XML functions as an alternative to SAS Version 5 Transport (XPT) for the transmission of datasets. More information can be found on this standard at the [CDISC web site](#).

Dataset-XML Tool Summary

| Name | Description | Provided By | Links |
|--------------------------------|---|---|--|
| XPT2DatasetXML | <ul style="list-style-type: none">Transforms XPT datasets into Dataset-XML datasetsFreely available | XML4Pharma | <ul style="list-style-type: none">Available under the Smart SDS-XML View project on source forge |
| Smart Dataset-XML Viewer | <ul style="list-style-type: none">Similar to the SAS Viewer, but with additional functionalitySupports working with Define-XML + Dataset-XML filesSupports SDTM, SEND, and ADaM dataBasic validationOpen source | Univ. Appl. Sciences FH Joanneum Graz - eHealth | <ul style="list-style-type: none">The application and tutorial is available under the Smart SDS-XML View project on source forgeYoutube video on the Smart Dataset-XML Viewer |
| EZ Convert | <ul style="list-style-type: none">Converts Dataset-XML files into SAS datasetsSupports Define-XML Version 1 or Version 2Open Source | Sally Cassells | <ul style="list-style-type: none">EZConvert Demonstration videoBeta version of EZConvert |
| SAS Clinical Standards Toolkit | <ul style="list-style-type: none">Dataset-XML support (writing/reading/validation) will be part of the next release of SAS[®] Clinical Standards Toolkit. Updated information will be published at the SAS web site.Support for Dataset-XML is available as a pre-production package that contains SAS macros, XML schema files, sample data, and sample programs to support the following functionality:<ul style="list-style-type: none">Creating Dataset-XML files from SAS data setsCreating SAS data sets from Dataset-XML filesValidating Dataset-XML files against an XML schemaComparing original SAS data sets with SAS data sets created from Dataset-XML filesThese macros are standalone and do not require SAS[®] Clinical Standards Toolkit. | SAS Institute Inc. | <ul style="list-style-type: none">SAS Clinical Standards ToolkitSAS Macros to support Dataset-XML v1.0.0 |
| OpenCDISC v1.5 | <ul style="list-style-type: none">OpenCDISC v1.5 works with Dataset-XML files and Define-XML v2.0 | OpenCDISC | <ul style="list-style-type: none">OpenCDISC.org |
| R4CDISC | <ul style="list-style-type: none">R4CDISC package includes functions for reading Dataset-XML and Define-XML files. | Ippei Akiya | <ul style="list-style-type: none">CRAN project page with downloadsReference manual |

Dataset-XML Test Datasets

The following attached .zip files contain Dataset-XML datasets and a Define-XML file created by xml4pharma from the LZTZ test datasets.

[Files_from_LZZT_Pilot_2013_Dataset-XML_OK.zip](#)

[Files_from_LZZT_Pilot_2013_Dataset-XML_with_errors.zip](#)

The following attached .zip file contains Dataset-XML datasets and a Define-XML file (including its HTML rendition) created by [Marcelina Hungria](#). These Dataset-XML example files were created from the original SAS XPT files published in the SDTM-MSG V1. The example files are also part of the Dataset-XML 1.0 release package.

[ExampleFromSDTM-MSG-V1.zip](#)