

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 datasets Freely 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 functionality Supports working with Define-XML + Dataset-XML files Supports SDTM, SEND, and ADaM data Basic validation Open 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 forge Youtube video on the Smart Dataset-XML Viewer
EZ Convert	<ul style="list-style-type: none"> Converts Dataset-XML files into SAS datasets Supports Define-XML Version 1 or Version 2 Open Source 	Sally Cassells	<ul style="list-style-type: none"> EZConvert Demonstration video Beta 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 sets Creating SAS data sets from Dataset-XML files Validating Dataset-XML files against an XML schema Comparing original SAS data sets with SAS data sets created from Dataset-XML files These macros are standalone and do not require SAS[®] Clinical Standards Toolkit. 	SAS Institute Inc.	<ul style="list-style-type: none"> SAS Clinical Standards Toolkit SAS 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. 	Ipeei Akiya	<ul style="list-style-type: none"> CRAN project page with downloads Reference manual

Dataset-XML Test Datasets

The following attached .zip files contain Dataset-XML datasets and a Define-XML file created by xml4pharma from the LZZT 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](#)