

All of this product's content was created by the ImmPort Development team.

Overview

The ImmPort Data Submission Package Validator is used to check the format and content of the files in a data submission package “.zip” file. The tool is a downloadable client side application and executed from a graphical user interface. The Validator will inspect metadata transfer files for common formatting errors and data integrity issues. The application checks for missing files, improperly formatted metadata files, references to other metadata within the data package, verifies references to records in the ImmPort database, confirms the integrity and structure of .zip files, database column width checks, and guidance on metadata content utilizing ImmPort analysis tools. It is highly recommended to use the Validator before sending data into ImmPort as part of the data submission process. The Validator is available from the ImmPort Data Submission main page. Additional checks will be added incrementally and new versions can be released independently of the ImmPort web site releases.

Requirements:

- 1) This product requires having JRE 1.5.X or later installed on your local system.
- 2) Java should be configured to run on windows command prompt. (See Data Validator User Guide for details.)
- 3) Minimum memory size required is a 64 Mb.
- 4) Number of files to be unzipped is 76 files and 42 folders.
- 5) Disc space needed is 8.33 Mb.
- 6) No file overwriting will occur by default.

Optional Instructions to check Java requirements:

- 1) Open the Windows command prompt.
- 2) Enter the command “**java -version**” to check the Java version installed on the system. If the user sees the message “Java is not recognized as an internal or external command”, check that the JRE is in the user's PATH variable (see Appendix).

Installing the Application:

i. Windows OS

- 1) Create a folder (e.g. “**import**”) [The folder name is NOT critical].
- 2) Extract the “**ImportDataValidator-V1.0.zip**” file content into the “**import**” folder.

ii. Macintosh OS

- 1) Click on the jar file, not the batch file during installation.
- 2) When the program information is downloaded for synchronization, the file is automatically unzipped.
- 3) Re-zip the file for it to work.

How to run application:

- 1) Starting
 1. Windows OS: double click on “**validate.bat**” in the installation folder (e.g. “**import**”).
 2. Macintosh OS, please contact helpdesk@import.org.
 - i. Open a Terminal window.
 - ii. Navigate to the folder where the Validator is installed (e.g. cd import).
 - iii. Enable software execution privileges in the folder (e.g. chmod +x)
 - iv. Enter run command (e.g. ./validate.sh).
- 2) Application started.

Synchronize the Validator with the ImmPort database:

- 1) Select the research project(s) with which you wish to compare your data submission from the 'Download Research Project Data' section of the Data Submission Package Validator web page.
- 2) Click the "**Download Project Data**" button.
- 3) Save the downloaded .zip file (e.g. "**ImportData.zip**") from ImmPort Research Projects.
- 4) From the Validator Tools menu bar, select 'Synchronize' and locate the **ImportData.zip** file using the 'Browse' function.

Run Validation:

- 1) From the "**Tools**" menu bar select "**Run Validation**".
- 2) Select project from the drop down list.
- 3) Navigate to the data package .zip file to be evaluated using the "**Browse**" button.
- 4) Click "**Run**".
- 5) Click "**Clear**" to delete a package and allow for selection of a new package.

View Report:

- 1) You can select the "**View Report**" button on the 'Run Validation' screen.
- 2) Alternatively, you may view report from the "**Tools**" menu bar "**View Report**" option.
- 3) The "**Save report**" option allows you to retain copies of the reports for future reference.

Usage License:

- 1) This application may be used without cost.
- 2) You may NOT sell or give away any files found in this zip package without express permission.