

XML Package Maker (XPM)

It is a tool to generate XML packages for SciELO and PMC.

How to use

Use the Windows menu to open the program.

images/scielo_menu_xpm.png

images/xpm_gui.png

Select the folder which contains XML package files

images/xpm_gui_selected_folder.png

Press **XML Package Maker**.

Or, to execute Package Maker via command line, open the terminal and go to the folder where the program is installed:

images/mkp-pkm-dos.jpg

Then type:

```
python xml_package_maker.py <xml_package_folder>
```

images/mkp-pm-cmd.jpg

Results

- XML files for SciELO (scielo_package and/or scielo_package_zips folders)
- XML files for PMC (pmc_package folder)
- report files (errors folder)

The output folder (0103-2070-ts-08-02_xml_package_maker_result) is generated in the same folder in which contains the input folder (0103-2070-ts-08-02)

images/xpm_result_folders.png

Reports

After finishing the processing the reports are displayed in a Web browser.

Switch between the tabs.

Summary report

Validations Statistics

Presents the total of fatal errors, errors, and warnings, found in the whole package.

FATAL ERRORS

represents errors related to Bibliometrics Indicators.

ERRORS

represents other types of errors

WARNINGS

represents something that needs more attention

images/xpm_report.png

Detail report

Detail report - package validations

Fist of all, XPM validates some package's data:

- Some data must have same value in all the XML files, such as:

- journal-title
- journal id NLM
- journal ISSN
- publisher name
- issue label
- issue pub date

- Some data must have unique value in all the XML files, such as:

- doi
- elocation-id, if applicable
- fpage and [fpage/@seq](#)
- order (used to generated article PID)

Example of fatal error because of different values for publisher-name.

_images/xml_reports/toc_fatal_error_required_equal_publisher.jpg

Example of fatal error because of different values for pub-date.

_images/xml_reports/toc_fatal_error_required_equal_date.png

Example of fatal error because unique value is required

_images/xml_reports/toc_fatal_error_unique.png.jpg

Detail report - documents' validations

Presents the documents in a table.

The columns order, aop pid, toc section, @article-type are highlighted because contains important data.

The column **reports** contains **buttons** to open/close the detail reports of each document.

Each row has the document's data

_images/xpm_report_detail.png

Detail report - Validations

Click on **Data Quality Control** to view the problems. The detail report is displayed below the row

_images/xpm_report_detail_validations.png

Folders/Files

Displays the files/folders which are inputs and outputs.

_images/xpm_report_folder.png

Overview report

Overview report - languages

Displays the elements which contains @xml:lang.

_images/xpm_report_overview_lang.png

Overview report - dates

Displays the dates found in the document: publication and history. Displays the spent time between received and accepted, accepted and published, accepted and the present date.

images/xpm_report_overview_date.png

Overview report - affiliations

images/xpm_report_overview_aff.png

Overview report - references

images/xpm_report_overview_ref.png

Sources report

images/xpm_report_sources.png

images/xpm_report_sources_journals.png

images/xpm_report_sources_books.png

images/xpm_report_sources_others.png

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