

XZES40-Transformer

Zixun Lu (luzi), Shuai Peng (pengs), Elijah Voigt (voigte)

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Program Purpose and Goals



Figure: Source: Wikimedia Commons [2]



Figure: Source: Apache Software Foundation [1]

Project Purpose

The purpose of the XZES40-Transformer is:

- ▶ Transform XML and XSLT documents into a new XML document.
- ▶ The XZES40-transformer can transform multiple documents in parallel.
- ▶ Processed style sheets are cached for quick recompilation.
- ▶ Accessible over the Internet via a website.
- ▶ Accepts custom per-transform parameters.

Project Status

The project status of the XZES40-Transformer is:

- ▶ We have finished our project.
- ▶ Prepare for the EXPO.

Remaining Tasks

- ▶ Everyone: Improving the documentation.
- ▶ (Maybe) add more tests to the code.
- ▶ Create an installation package.

Problems Encountered

We have following problem so far:

- ▶ Web interface was problematic; developed quickly with very little planning.
- ▶ Late development refactoring introduced small bugs.
- ▶ Imbalanced workload.

Demo

Features:

- ▶ Document transformation.
- ▶ Parallel transformation.
- ▶ Cached compilations.
- ▶ Web interface.

Reference



ASF Press Kit: Apache Software Foundation Logo. URL:
<https://www.apache.org/foundation/press/kit/>.



Wikimedia Commons: Oregon State University Logo. URL:
https://commons.wikimedia.org/wiki/File:Oregon_State_U