

XZES40-Transformer

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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.
- ▶ Runs on multiple platforms.

Project Status

The project status of the XZES40-Transformer is:

- ▶ We finish the basic transformer function for the XZES40-Transformer.
- ▶ We are slow than the schedule that we made.
- ▶ We want have team meet weekly to complete project.

Remaining Tasks

- ▶ lu : benchmarking, parallel document transformation, Linux package.
- ▶ Elijah: Daemon, CGI script, Command-Line, FreeBSD package.
- ▶ Shuai : Cache function, Web interface, Windows package.

Problems Encountered

We have following problem so far:

- ▶ Program has aforementioned unqualified-id compilation error.
- ▶ Team are slow than schedule.

Interesting Code

```
int xzes::transform_documents( xzes::cli_arguments_
{
    // ...
    Document xml(args->xml);
    Document xsl(args->xsl);

    int theResult = theXalanTransformer.transform(

    // ...
}
```

Demo

Demo time!

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