
Edukalibre project: software development

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Overview

Final target: to explore software support for libre software practices translated to teaching and creation of teaching material

- Main lines of development
- Technologies and tools potentially involved
- First activities

Main lines of development

- Tools for incremental, collaborative editing of teaching material
- Tools providing basic e-learning capabilities
- Tools to provide e-learning capabilities in specific domains
- Testbed including all this and evaluation software

Technologies and tools potentially involved

Collaborative editing:

- DocBook/XML as basic data format
- CVS, Subversion or similar for version control
- wiki and wiki-like tools
- OpenOffice or similar front-ends
- Probably WebDAV as standard protocol for client-server communication
- Consideration of peer-to-peer extensions

Technologies and tools potentially involved

Basic e-learning capabilities, evolved from (or integrated with):

- Claroline, Moodle, OpenUSS or similar
- Zope/Plone, Postnuke, PHPGroupware or similar
- Home-made tools done mostly by integration of existing tools

Technologies and tools potentially involved

e-learning capabilities in specific domains:

- Not specified in the project, but we should select some (at least one, as case example)
- Some partners have already expressed interest

First activities

- T1. Definition and specification of tools (including a software framework) (Oct'03-Dec'03)
- T3. Search of libre software components (Oct'03-Dec'03)
- T4. Glue software (Jan'04-Sep'04)
- T5. New components (Jan'04-Sep'04)

Main results: Around Summer 2003 we should have the first version of our platform.