
Edukalibre project: activities at URJC

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Main activities

- Evaluation and study of platforms and software
- Design of the architecture for collaborative editing
- Testing and fixing of OpenOffice.org / Docbook module
- Automatic generation of formats for DocBook and LaTeX
- Integration with Subversion
- Integration with PHP-based web interface
- Some support for Moodle interface (done by SOC/LU)

Complete collaborative editing system

- Source in DocBook/XML or LaTeX
- DocBook editing via editor, OpenOffice or form
- LaTeX editing via editor, Lyx or form
- Generation of DocBook, PDF, HTML (and decorated HTML), text, LaTeX (a subset for LaTeX)
- Integration with Subversion: version control on the sources
- Still beta, but (at least partially) usable
- Integrated with Moodle (done by SOC/LU)

Architecture of the collaborative editing system

- Repository in Subversion
- Different interfaces: Moodle, custom PHP
- Access via HTTP and WebDAV (not yet complete)
- Usable through www or directly
- Easy federation: one repository several interfaces, one interface several repositories

Schedule for next months (URJC)

- New versions and improvement of the tools
- Improvement of the OpenOffice support
- Integration with wiki-like tools (in collaboration with FEUP)
- Integration with Moodle (in collaboration with SOC/LU)
- Integration with visualization tools (in collaborarion with USI)
- Testing in one class (probably Introduction to data communications, in Spanish)
- Maybe testing of a collaborative book (Introduction to libre software, in Spanish)