

Lodel, a Content Management System for Electronic Publications and Academic Web Sites

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Chemnitzer Linux Tag, 2008, March 2

- 1 Presentation & everyday use
- 2 Installation
- 3 Editorial Model
- 4 Standards
- 5 Conclusion

Outline

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Lodel, 2003-2008

- South of France
 - Ghislain Picard, Marin Dacos
 - Marseille, Aix-en-Provence
 - Maison des Sciences de l'Homme

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- Version 0.8.1
 - <http://sourcesup.cru.fr>

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 - <http://sourcesup.cru.fr>
- PHP, MySQL, Web Server
- GPL v2

Example web sites

- <http://www.revues.org>

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- <http://lodel.ehess.fr>
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- <http://lodel.ehess.fr>
- <http://edel.univ-poitiers.fr/projet/index.htm>
- <http://www.figoblog.org>
- .. and hundreds more, maybe thousands

Editing a Page with Lodel

- text page
 - FCKeditor
 - wiki
 - import from text processor
- structured object page
 - exple curriculum vitae

Displaying a Page with Lodel

- Template File, close to HTML
 - XHTML, CSS

Displaying a Page with Lodel

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 - XHTML, CSS
- Lodelscript
 - exple Curriculum Vitae
 - manage display
 - also manage non-display
 - filters
 - loops

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Installing Lodel

- Web installer
- Easy/advanced
- Monosite/multisite
- Mono database/Multi database

Installing Lodel: Caveats

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 - # `chown -R lodel.www-data admlodel.www-data`
 - \$ `chmod -R g+w 'find . -name CACHE'`

Installing Lodel: Caveats

- Create database(s), create users
- Permissions
 - # chown -R lodel.www-data admlodel.www-data
 - \$ chmod -R g+w 'find . -name CACHE'
- Symlinks
 - \$ ln -s lodel-0.8 lodel
 - \$ ln -s lodeladmin-0.8 lodeladmin
 - \$ ln -s share-0.8 share

Installing Lodel: Configuration

- lodelconfig.php
- siteconfig.php

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Lodel Editorial Model

- Import existing Editorial Models
 - MErevues.org
- create/modify your own (publishable) objects
- share your objects between your sites
- share your editorial model

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Lodel Interoperability

- Text publishing
 - RSS feeds
 - Dublin Core metadata
 - OAI - Open Archive Initiative
- Data export
 - Complete web site export:
texts, images, templates
 - Editorial Model export

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Lodel Internationalization

- Multilingual fields
- Editing & administration interface
- Help translate!
 - <http://translate.offset.org> (Pootle server)

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Lodel Weak Points

- No versioning
- Not always clear for everyday editors
- Poor on user permission settings
- Relatively small user base
- Small developer team & not very open

Lodel Strong Points

- Ease of use: all through the web
- ME revues.org
- Versatility (cf editorial model)
- Interoperability, compliance to standards
- Internationalization (also accessibility)
- Efficient developer team

Links

- Documentation <http://www.lodel.org>
- Source Code (SVN) <http://sourcesup.cru.fr/> FIXME
- Paris Sud University <http://recherche.jm.u-psud.fr>
- Translation Server <http://translation.offset.org>
- This presentation
<http://speeches.offset.org/odile/>
[/chemnitz2008/lodel/chemnitz2008-lodel.pdf](http://speeches.offset.org/odile/chemnitz2008/lodel/chemnitz2008-lodel.pdf)