

Dokeos 2.0

le tout nouveau Dokeos

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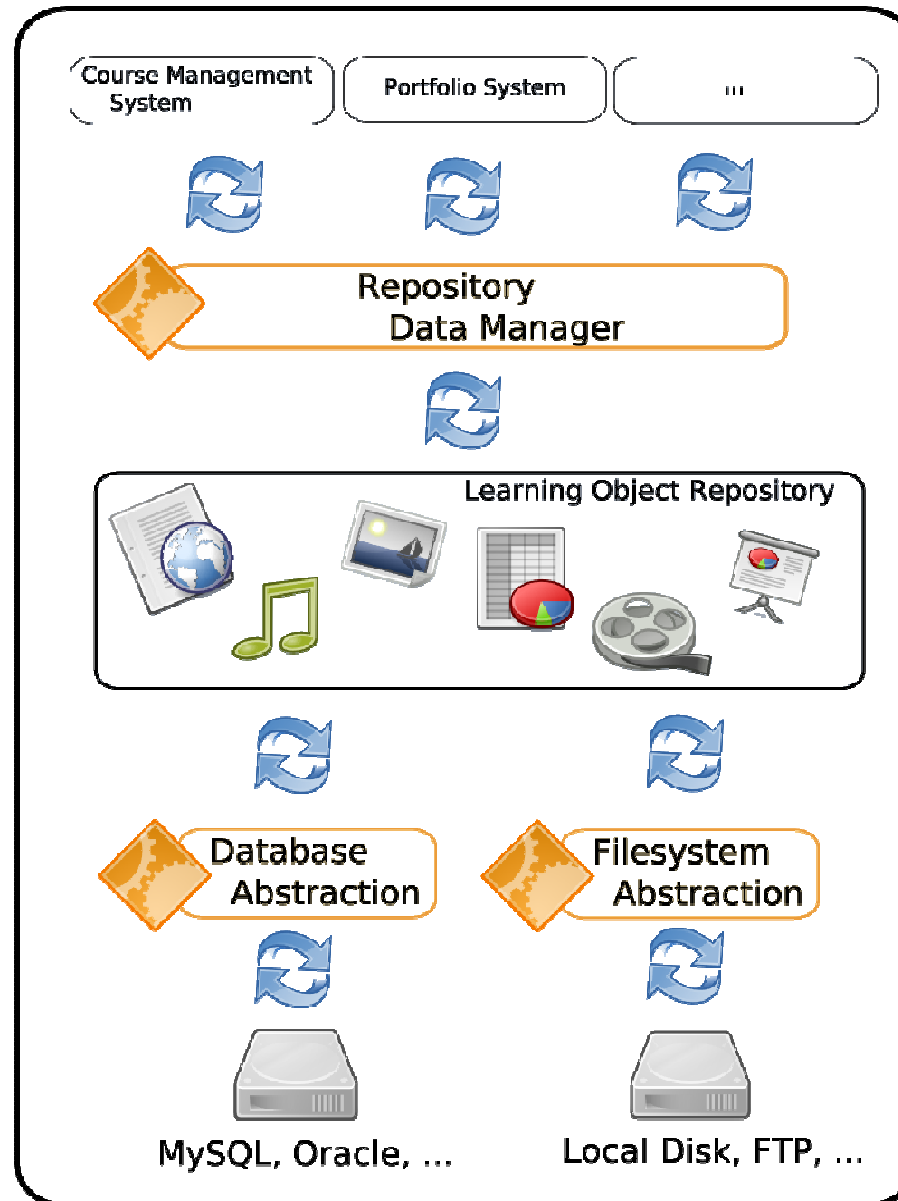
Present Dokeos is

- course centred:
 - all data (documents, announcements, etc.) are stored in the course itself
 - data that are used in n courses have to be uploaded and stored n times
 - a global search function is difficult to implement
 - the course metaphor has its limitations
- a set of modules that are largely unconnected:
 - interface inconsistencies in the modules
 - more difficult to keep them bug free
- not easy to integrate with external applications
- shortcomings from a developer's perspective
 - code duplication
 - layering issues
 - consistency not on par

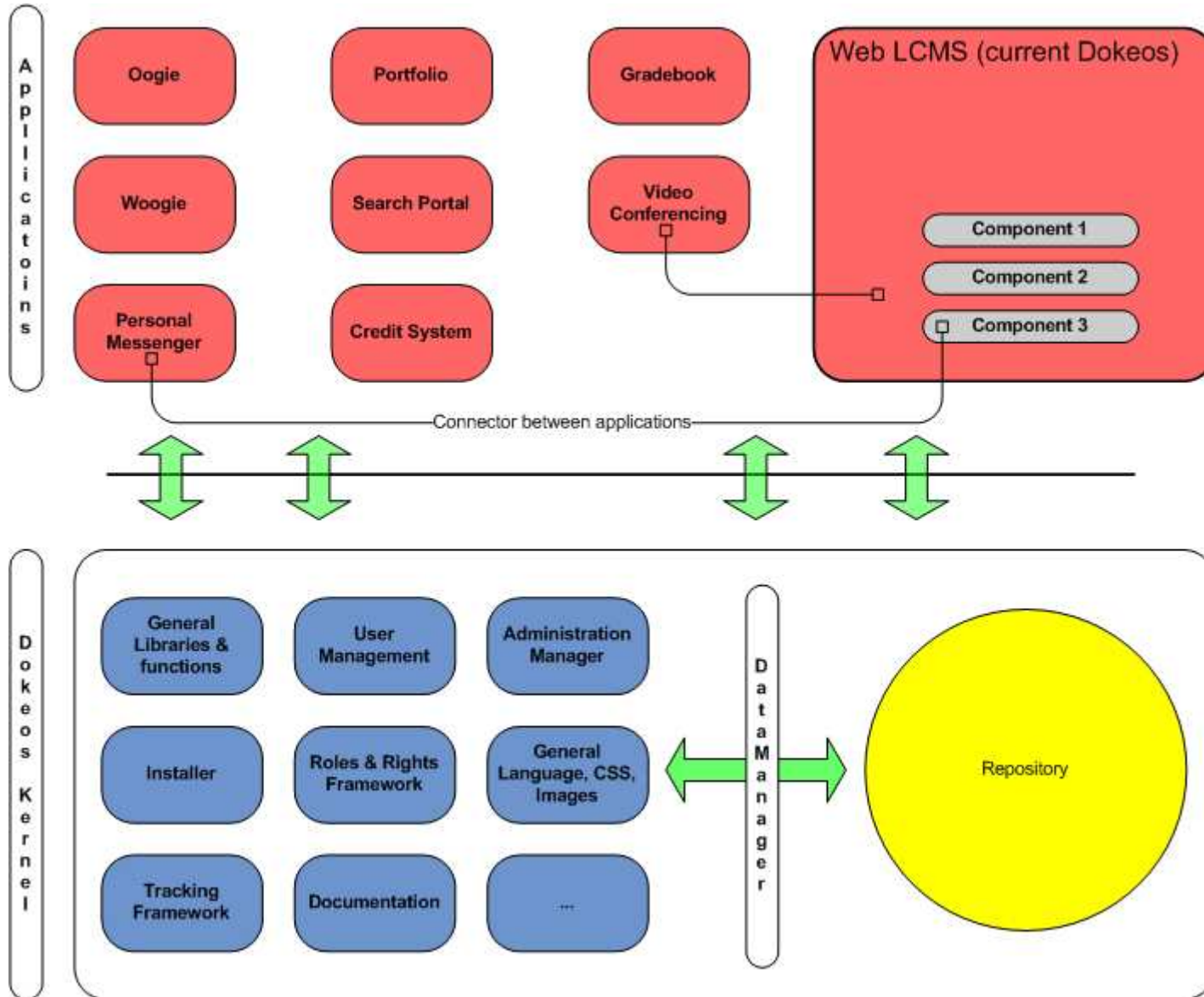
Dokeos 2.0:

- object-oriented: PHP 5, design patterns, refactoring
- modular
- extensible
- repository based, consisting of (learning) objects (simple and complex) that are
 - searchable (metadata)and can be set by the owner to be:
 - viewable
 - shareable (with one or more specific users or groups of users)
 - reusable (new instance of the object)
- user oriented:
 - the users are the owners of the objects they create
 - it will be increasingly possible for the end users to tailor the environment to their personal needs
- has a platform wide (even potentially global) search function
- LMS is an application running on the repository
- there will be more applications:
 - portfolio (being developed by the VUBrussels)
 - internal messaging
 - gradebook
 - ...

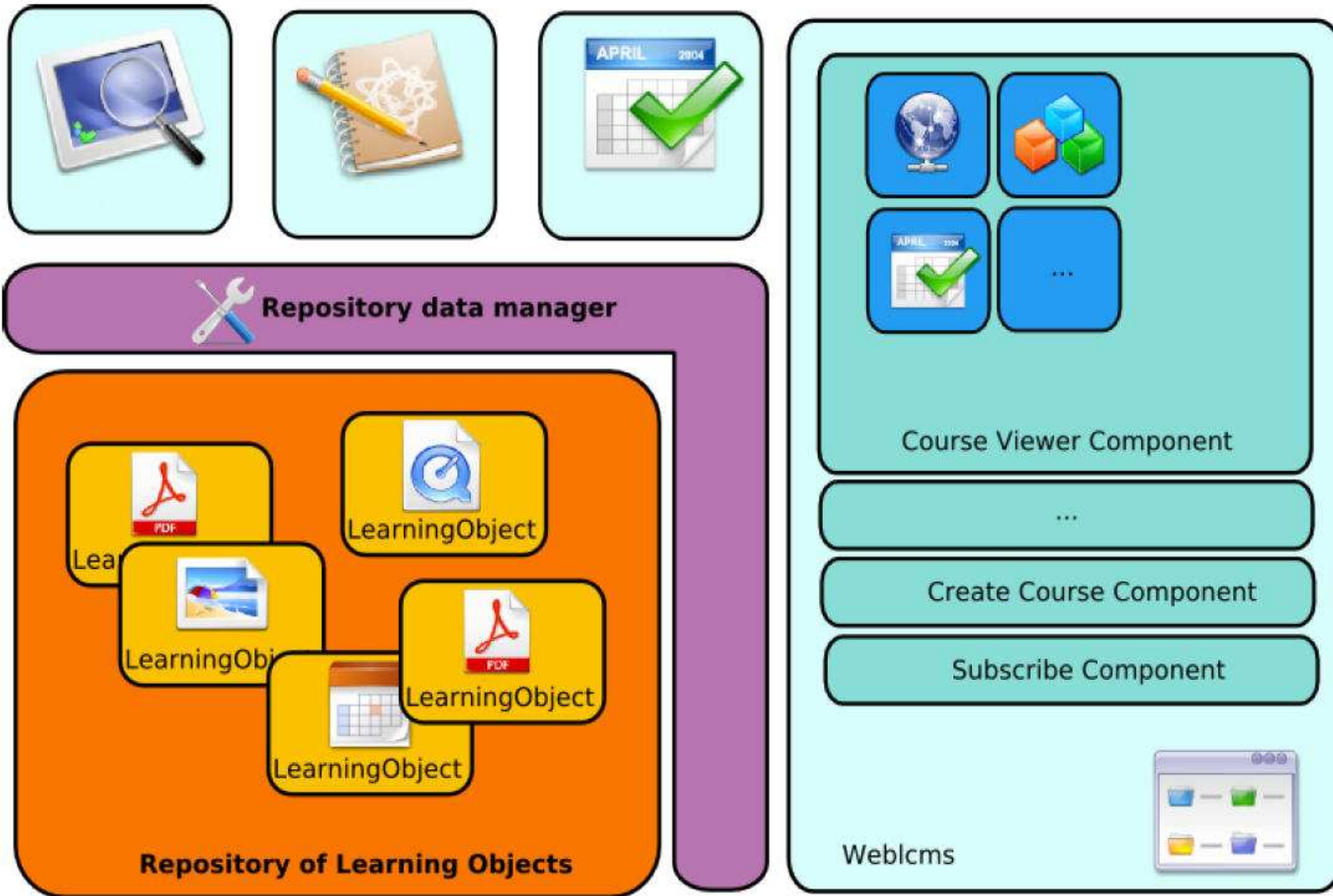
General structure



Applications & kernel view

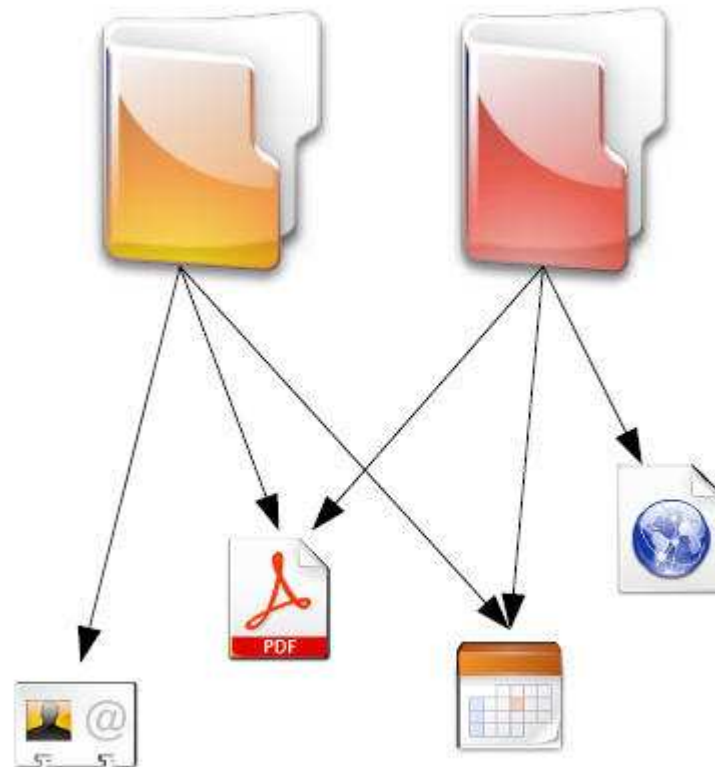


Another view



Courses: old versus new

No duplication of objects:



- the user will be more in control
- interface:
 - all objects use the same function library which results in a more uniform interface
 - drag and drop functionality will be added where useful (can be activated through admin settings)
- more extensive roles and rights system (in development)
- external applications will be accessible through web services working behind the scenes (internship Ghent University College)
- extensive structured tracking & reporting (internship Ghent University College)

- Some applications can already be tested:
 - personal messenger / calendar
 - profiler
 - weblcms (courses)
 - administrator (partly)
 - repository (partly)
- Basic courses modules are in a test phase:
 - calendar
 - announcements
 - document
 - etc...
- Complex course modules nearing test phase
 - assessment: can be partly tested

- Dokeos [demo](#)
- Detailed roadmap: [here](#)
- More on the Dokeos 2.0 developments:
 - Thursday 14h-15h30: DokeosPlanet - Website, Tools and Foundation (room 159) = the community meeting
 - Friday 9h30-11h30: Dokeos LCMS = technical session for developers
 - Friday 10h: Frederik Questier: e-portfolio (new version will run on
 - Friday 12h, Day conclusion, Dokeos 2.0 and beyond

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Questions?