

- 10h00 Welcome
- 10h30 State of Development
- 11h30 ILIAS Redesign 2009
- 12h30 Lunch
- 13h30 Performance Improvements
- 14h00 WCAG 2.0
- 15h00 Coffee Break
- 15h30 e-Portfolios / Mahara Interface
- 17h00 ILIAS as a shop
- 18h00 End of conference

State of Development

- ILIAS 4.0.1
 - Released on 3 Nov 2009
 - 4.0.0 on 29 Sep 2009
- ILIAS 4.1.0
 - Feature list still in development
 - April 2010 earliest

- Major 4.0 Changes
 - Database Abstraction / Oracle Support
 - Search Engine Revision
 - Accessibility Improvements
 - Usability Improvements (Messages, Action Lists, ...)
 - Forms / Tables Revision
 - SCORM Editor
 - New Test Question Types
 - Forum Improvements (WYSIWYG editor)
 - Setup Revision

- 4.1 Features, Funded
 - Permission Templates
 - Permanent Links for Mail, Member Lists, User Administration
 - Open/Public Profile Extension
 - Booking Tool (Consultation Hours, Hardware,)
 - Download HTML Learning Module as ZIP
 - Mediacast: Manual Sorting
 - New Survey Question Types
 - Multiple Assignments per Exercise
 - Supression of SMTP Mails (for Test Installations)

- 4.1 Features, Funded
 - Course Forum Notification
 - OpenID Support
 - Self assessment question in ILIAS learning modules
 - Course/Group Appointment Notification
 - Configurable member list table columns
 - Language Maintenance Improvements

- 4.1 Features, Partially Funded
 - Export Guidelines / Export Improvements
 - RBAC Screens Usability (Use new table/form classes, collapse parts sections role screen, ...)
 - Usability: Complete Migration to new Form / Table class
 - Mahara Interface / ePortfolio
 - Online Help
 - Reporting Improvements
 - Tagging Administration / Report Abuse

- 4.1 Features, Needs Funding
 - Pagination of selected items on personal desktop
 - File upload on personal desktop
 - Global user list
 - Tests: multiple questions on one page
 - Course periods definition
 - Manual sorting in groups
 - Improve mail-to-members-workflow in groups courses
 - Administration page for plug-ins

ILIAS Redesign 2009

Pascal Schmitt

Performance

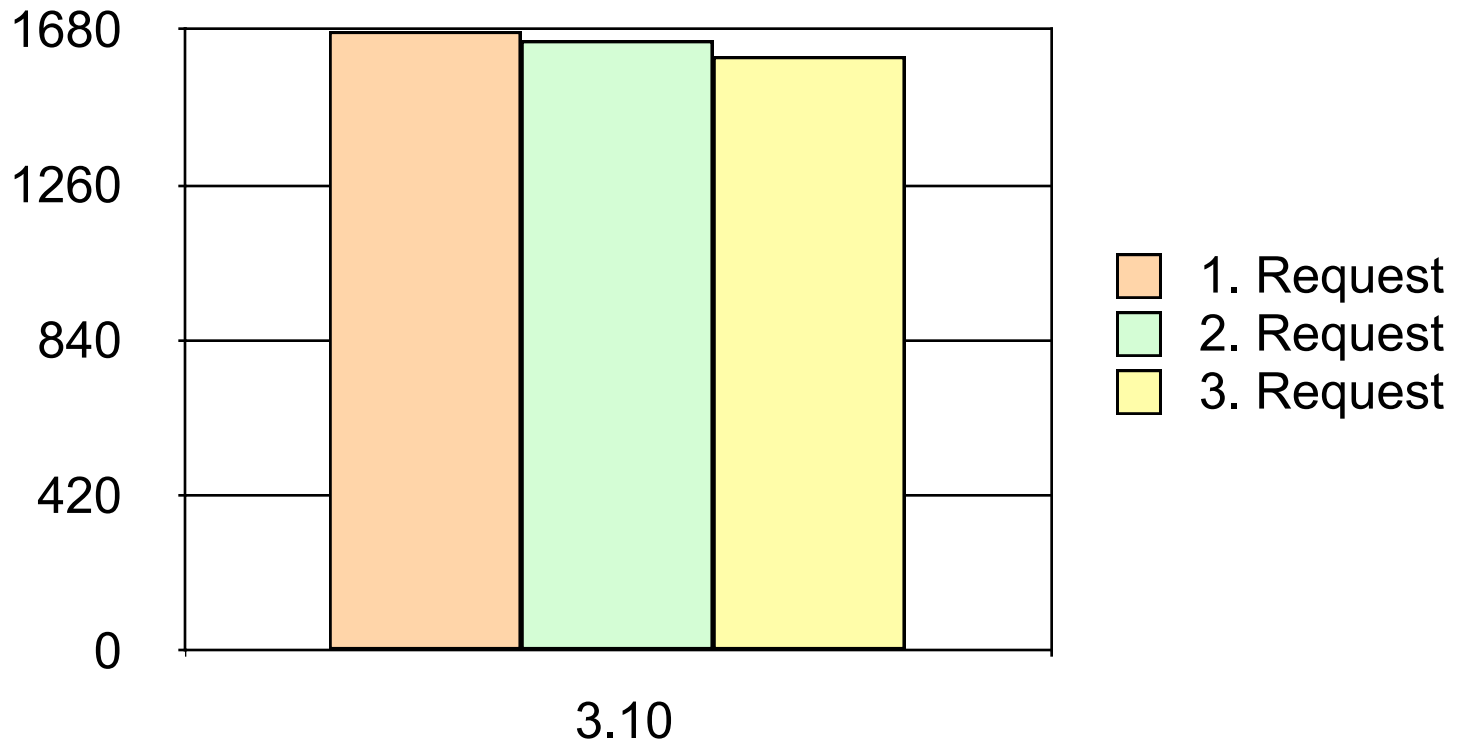
Alex Killing

- jMeter Load Test
- ILIAS 3.10.10 and 4.0.1
- 1000 Users, 200 Categories, 300 Courses
- 40 Files per Course (12.000 File Objects)
- 30 Calendar Entries per Course (9.000 Appointments)
- Activated Calendar
- Activated News

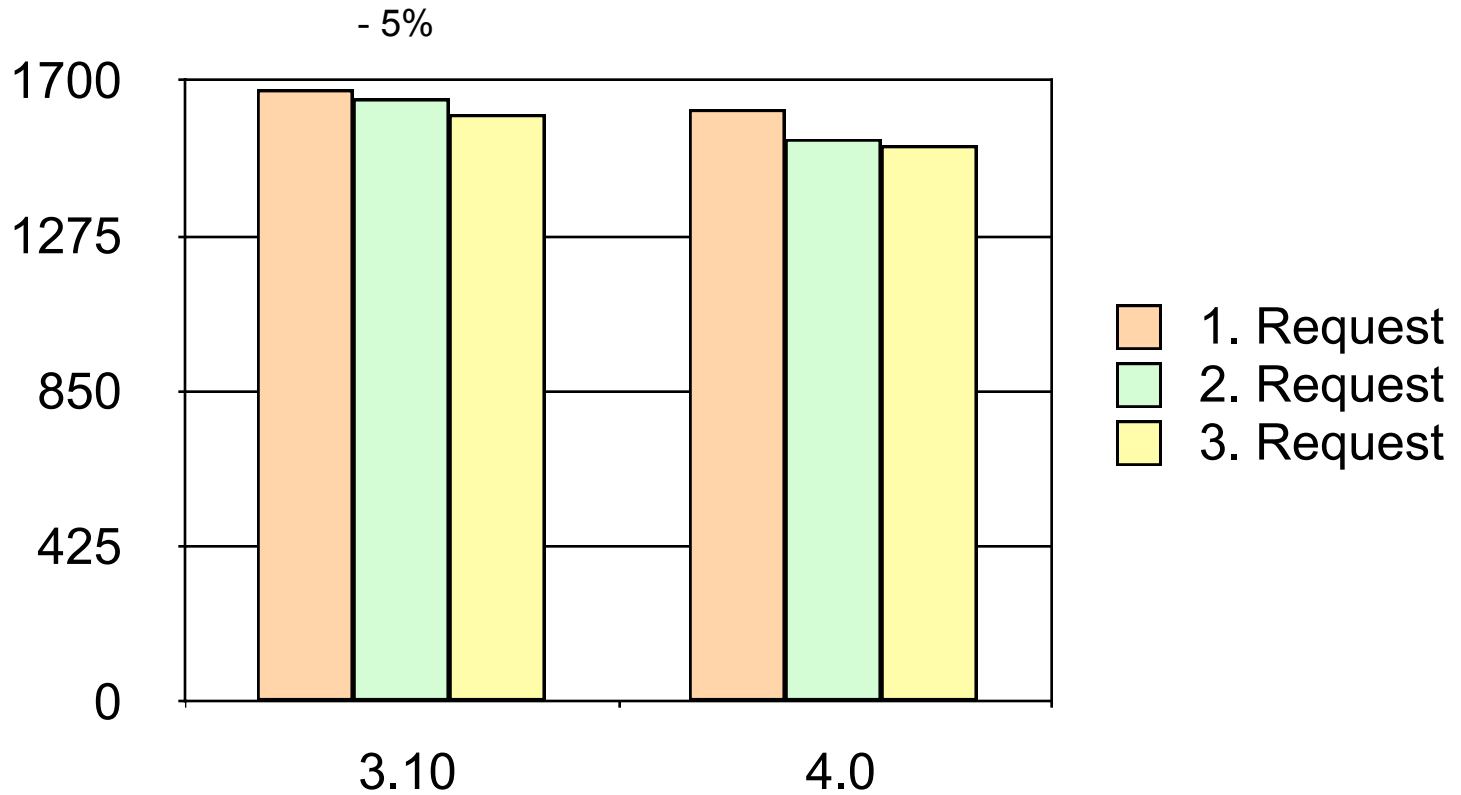
Performance: Course

- Database and apache on the same server
- Server not optimized for performance (no eAccelerator,...)
- 10 Users simultaneously, waiting 5 - 15 seconds per request
- CPU usage usually under 50%, 80% max.
- Scenario
 - Login
 - 2 times (2nd time with new category/course):
 - 3 times, randomly:
 - Category Request
 - Course Request
 - Personal Desktop Request
- Each user = Login + 2 * (3 + 3 + 3) = 19 requests
- Total: 190 requests
- **Examination of course requests**

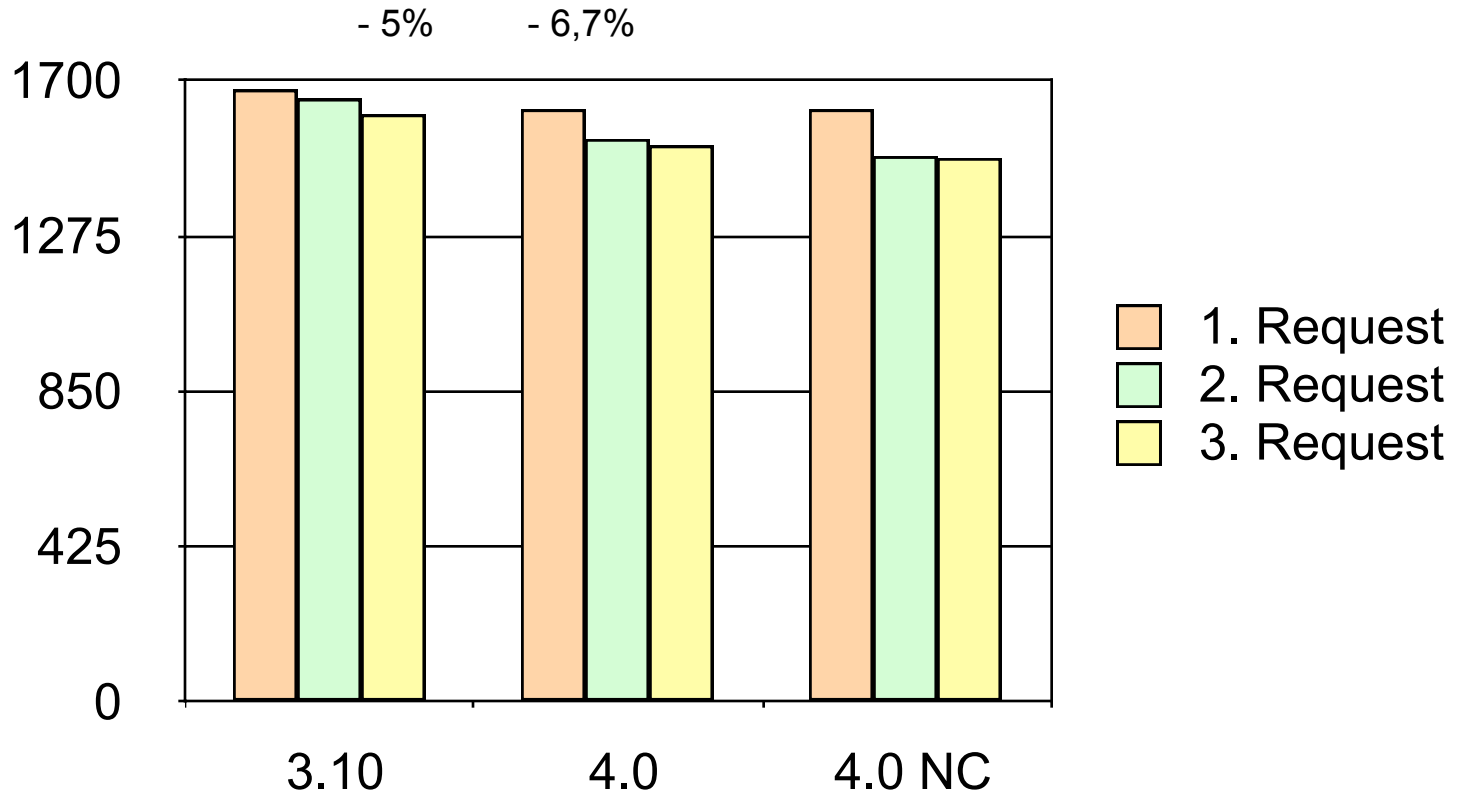
Performance: Course



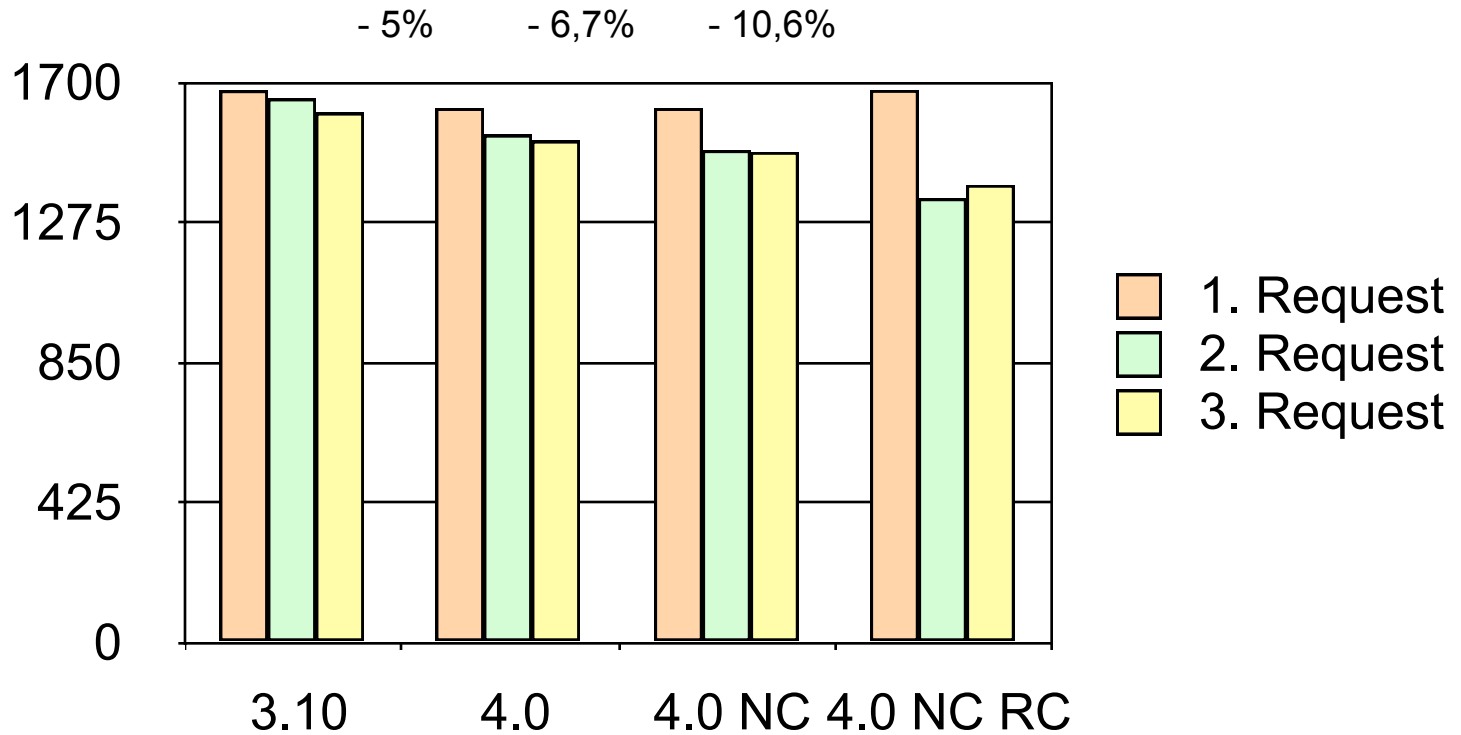
Performance: Course



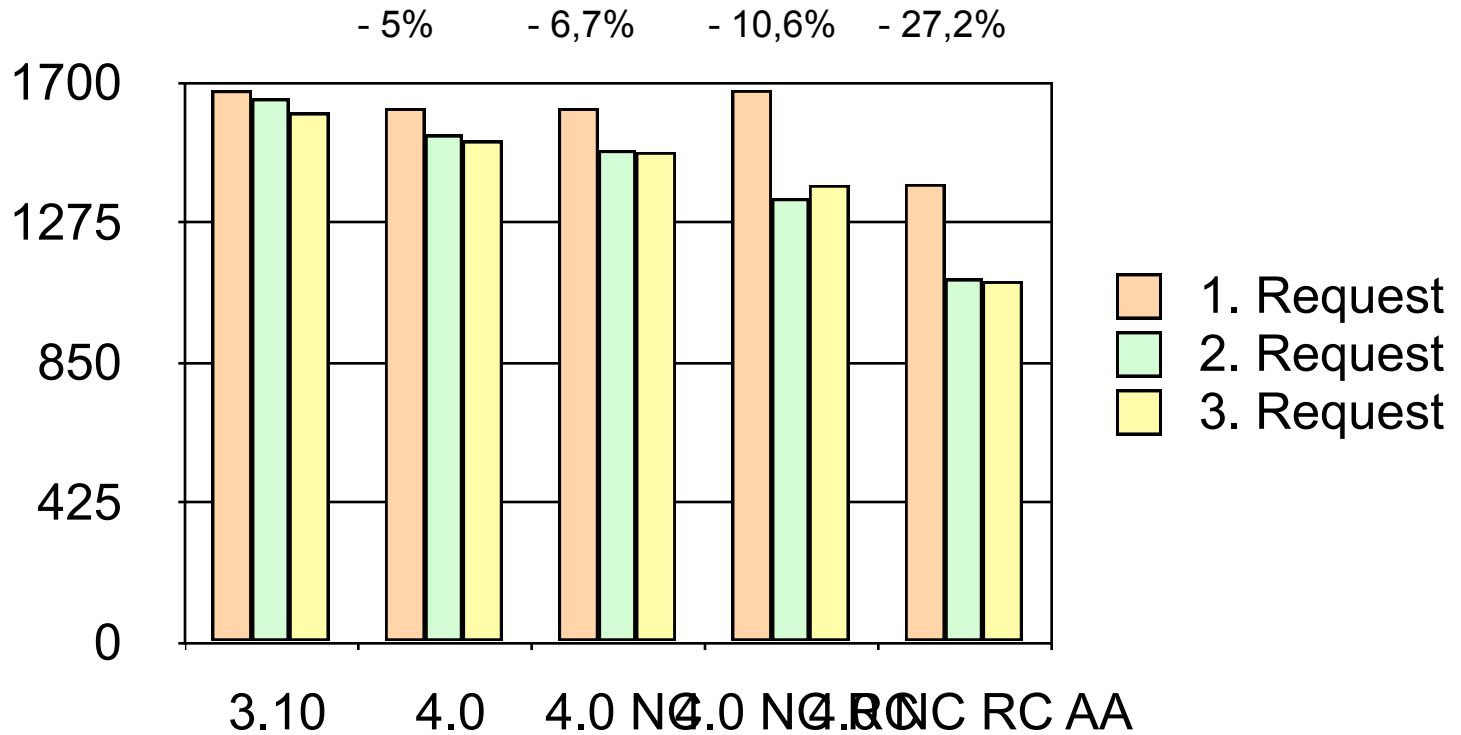
Performance: Course



Performance: Course



Performance: Course



- 100 Users logging in in 20 seconds
- Scenario
 - Login
 - Access Personal Desktop
- 3.10: Average request time 2597ms
- 4.0: Average request time 848ms

WCAG 2.0 - Accessibility

Gabór Erdélyi

ePortfolios - Mahara Interface

Sonja Burgauer, Ulrike Wilkens

ILIAS as a Shop

Jesper Gødvard

Summary and Outlook

Thank you!