

ILIAS-Conference, Nuremberg, 06.10.2005

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Workshop D: Customising of ILIAS for target groups

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Agenda

- Demonstration and discussion
 - ◆ Didactical principles
 - ◆ Technical possibilities
 - ◆ Case Study: FH Schloss Hohenfels
- Practical Exercises
 - ◆ Adapt the personal profile
 - ◆ Create a local role
 - ◆ Change the name of the repository
 - ◆ Add a special skin
 - ◆ Extend the main menu
 - ◆ Hide buttons on the personal desktop

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Didactical Principles

- Initial analysis
 - ◆ Target group
 - ◆ Organisational scenario
- Identification of the needed functionality
 - ◆ Object types
 - ◆ Operations and options
 - ◆ Communication paths
- Hide all unnecessary functionality
- Hide all needless layout structures
- Provide short and clear navigation paths



Technical Possibilities

- Administrative customisation
 - ◆ Done in the web interface
 - ◆ Administrative knowledge for ILIAS
- Language adaptation
 - ◆ Little knowledge needed
 - ◆ Overview of contexts where labels are used
- Skin based adaptation
 - ◆ HTML knowledge
 - ◆ Understand the template principle (blocks etc.)
- PHP based adaptation
 - ◆ Object oriented programming knowledge
 - ◆ Good knowledge of ILIAS code



Global Administrative Customisation

- Public Section
- Languages
- Chat activation
- Calendar availability
- Available skins/styles
- Registration modes
- Personal profile elements
- Opening mode of learning modules
- Search modes
- Tracking

Role and Rights Based Adaptations

- Carefully set default rights of global roles
 - Maintain as few global roles as possible
- Provide role templates for local roles
- Decide on available object types
 - ◆ Creation, visibility, readability
- Decide on available operations
 - ◆ Subscription
 - ◆ Editing (not identical with using!)
 - ◆ Deletion
 - ◆ Permission changing
- Pre-select objects

Skin/Style Based Adaptations

- Style changes
 - ◆ Colors, fonts, sizes, borders
- Hide some functionality
- Hide layout structures
- Add new buttons
- Provide different styles for different users

Language adaptations

- Rename elements

PHP based adaptations

- Hide buttons that are automatically generated
- Make more functionality depending on the roles
- More complex changes

Case Study: FH Schloss Hohenfels

- New college for physical therapy
- Start from scratch
- Offers virtual and presence courses
- Part-time students
 - ◆ Probably without much ICT knowledge
- Every year a new cohort starts
- All students have the same lesson plan
 - ◆ No individual choices
 - ◆ Same schedule for all
- Intensive tutoring

Case Study: Customizations

- Reduced personal profile
- Reduced personal desktop
- Renamed items („Studium“, „Bereich“)
- Simplified view modes
- Simplified mail folder handling
- Seminars modeled as categories
 - ◆ No course specific settings needed
- Dedicated exchange areas
 - ◆ Only files, links and folders
- Direct access to forums and chat
- No language selection

Practical Exercises

- Task 1: Administrative customisation
- Task 2: Language customisation
- Task 3: Skin customisation
- Task 4: PHP customisation