



# Report by the ILIAS Project Management

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# Content

- **Development of ILIAS 3**
- **Community Building**
- **Project Sustainability**



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## Software Development

### Main reasons for developing ILIAS 3

- Difficulties extending ILIAS 2 due to lack of consistent conceptual framework
- Need for a more flexible access control system for use in complex e-learning scenarios
- Need for modularization
- Compliance to the various e-learning standards
- Easier adaption of design and user interface to CI requirements



# Software Development

## Changes in ILIAS 3

- New system architecture (layer model)
- Object-Oriented Programming Approach
- Role-based access control system (RBAC) instead of group-based access control system
- XML-based content, SCORM / LOM compatibility
- HTML layout templates



# Software Development

## Difficulties in developing ILIAS 3

- Usage of advanced technologies and standards which are still under development
- Reliance on new PHP functions which are still in the beta stage (XML/XSLT)
- Need for deploying additional technologies such as Java for functions that can not be implemented with PHP yet
- ILIAS open source development process is still evolving



## Software Development

Status quo of ILIAS 3 development –  
functions already implemented:

- System core (RBAC, template engine, content data base)
- Personal desktop
- Content presentation
- Mail and forum system
- Cooperation / group system
- Content creation / authoring environment
- System administration



# Software Development

## To be implemented:

- Redesign of user interface according to usability research
- Course management
- Test/Assessment tool
- Other communication functions such as an integrated chat



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## Community Building

### Strengthening the Developer Community

- Propagation of the developer forum as the most important way of communication within the ILIAS community
- Definition of development guidelines and introduction of Use Cases for a more concise formulation of requirements
- Intense communication with language and help system maintainers



## Community Building

### Broader user base

- ILIAS becomes more international with strong communities in Italy, Switzerland, France, Austria, South America and East Europe
- ILIAS is used in all kinds of educational institutions - from schools to universities and formative training institutions



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## Project Sustainability

Different sources of financial support for ILIAS open source:

- (A) Engagement by core partners
- (B) Participation in research projects
- (C) Contributions of the community

# Project Sustainability

## “Three pillar” strategy

- (A) Basic financial support by a small group of core partners, e.g. the University of Cologne
- (B) National and EU-funded research projects
- (C) Euroversity



## Perspectives

### ILIAS 3:

- First beta release in October
- First stable release in December

### Community Building:

- Building a european network of competence centers

### Project Sustainability:

- Realising the “three pillar” strategy with your assistance



**Thank you for your attention ...**

**... and enjoy the conference!!!**