

ILIAS training for ILIAS software developers

We train your ILIAS developers so that they can arrange, foster, and ensure the optimal use of ILIAS.

Your benefit

Your ILIAS developers can install an ILIAS development environment. They can further develop the features locally needed; be it interfaces to other systems or ILIAS extensions in the form of plugins.

Our offer

Training sessions

The training takes place as a one-week block event.

Location

studer + raimann ag, CH-3400 Burgdorf. On-site training is also available. Travel and hotel charges are charged additionally.

Training period

4 days (including independent work)

Participants

maximum 3 participants

Material

The participants use their own developer laptop, preferably with Mac OSx or Ubuntu Linux. Please contact us if you are working with another operating system.

Preparation

Acquisition of PHPStorm licenses by participants

Exemplary sequence of a block event

Training Block 1

Monday, 2pm–5pm

ILIAS installation on local system as development environment

- Basic installation
- PDF export
- Lucene search
- E-mail sending

ILIAS Development: Basics

- Architecture
- General PHP Coding Convention
- Template Engine
- Request Control Flow
- Review and Enhance Request Control Flow
- Services
- Hello World as a Service
- Discussion Hello World Service and clarifying of open questions

Training Block 2

Tuesday, 9am-12am

ILIAS Development: Advanced I

- Special Features for Developers
- Database Access
- Using Exceptions
- Access Control
- User Data
- Discussion of open questions

ActiveRecord

- ActiveRecord
- Example implementation with ActiveRecord. Implementation and review

ILIAS Plugins & First Implementation

- Selected plugins of studer + raimann ag
- Discussion example TableGUI
- Notes regarding plugin development (RepositoryObject Plugin, UserInterfaceHook Plugin)

Training Block 3

Tuesday, 1:30pm-5pm and Wednesday, 09am-5pm

- Plugin development
- Development of a RepositoryObject plug-in (individual coaching)

Training Block 4

Thursday, 09am-12am

Version Control

- Git / Github

Advanced Developer KnowHow II

- Import / Export
- Event handling
- Cron
- Context

Training Block 5

Thursday, 1:30pm-5pm and Friday, 09am-11am

Plugin development

- Use of UIHooks (individual coaching)

Training block 6

Friday, 11am – 12am

Conclusion and clarification of open questions

Our rates

Training of Developers (max 3 participants)	CHF 8'640
Location: studer + raimann ag, Burgdorf, Switzerland	
On-site training is also available. In addition, travel and hotel fees are charged.	

All prices are exclusive VAT. Foreign customers receive invoices without Swiss VAT. It is the responsibility of the customer to pay the value-added tax abroad if necessary.

We look forward to your non-binding inquiry:

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