

# Plugin *CtrlMainMenu* Documentation

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**Date of Release:** **31.03.2015**

|                          |                                    |
|--------------------------|------------------------------------|
| <b>Document-Version:</b> | 2.2                                |
| <b>Plugin-Version</b>    | 3.2.00 and above                   |
| <b>Author:</b>           | Fabian Schmid, studer + raimann ag |

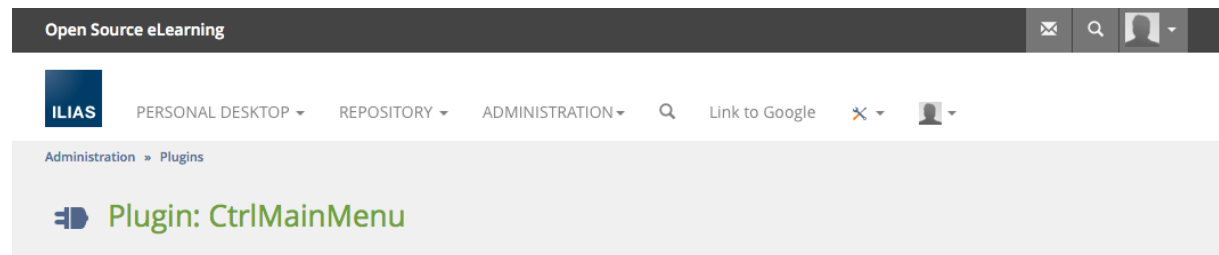
| Document-Version | Author        | Changes   |
|------------------|---------------|---|
| 1.0              | Martin Studer | Created   |
| 1.1              | Fabian Schmid | Updated Installation-Guide with git   |
| 1.3              | Fabian Schmid | New Entry-Types   |
| 2.0              | Fabian Schmid | New Release of CtrIMM-Plugin for ILIAS 5  |
| 2.1              | Fabian Schmid | -   |
| 2.2              | Fabian Schmid | Documentation of new Features: <ul style="list-style-type: none"><li>- Add some User-Fields as parameter to links</li><li>- Use PHP-Scripts for Access-Checks</li></ul> |

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# 1 Introduction

The CtrlMainMenu-Plugin gives you the possibility to customize the Main Menu of ILIAS by configuration.



Please star the Plugin on the GitHub-Page. So you let us know that you use this plugin and we will publish the Plugin also for 5.1, 5.2 and further.

## 1.1 Supported ILIAS-Versions

Currently the plugins supports ILIAS 4.4 and 5.0.

|                  |   |
|------------------|---|
| ILIAS Versions   | 4.4 and above   |
| Pricing Model    | Free of charge  |
| Download         | <a href="https://github.com/studer-raimann/CtrlMainMenu">https://github.com/studer-raimann/CtrlMainMenu</a>                 |
| Paid Support     | <a href="http://studer-raimann.ch/dienstleistungen/support.html">http://studer-raimann.ch/dienstleistungen/support.html</a> |
| Feature Requests | <a href="https://github.com/studer-raimann/CtrlMainMenu/issues">https://github.com/studer-raimann/CtrlMainMenu/issues</a>   |
| Bug Tracker      | <a href="https://github.com/studer-raimann/CtrlMainMenu/issues">https://github.com/studer-raimann/CtrlMainMenu/issues</a>   |

## 2 Feature Overview

### PL-Version      Changes

|       |   |
|-------|---|
| 1.0.0 | The CtrlMainMenu-Plugin gives you the possibility to customize the Main Menu of ILIAS by configuration.   |
| 2.0.0 | A lot of new Entry-Types can be created, such as <ul style="list-style-type: none"> <li>• Login/Logout</li> <li>• Search</li> <li>• User-Preferences</li> </ul> |
| 3.0.0 | Support for ILIAS 5 and extending from ActiveRecord   |
| 3.1.0 | Experimental Support for ilGlobalCache  |
| 3.2.0 | <ul style="list-style-type: none"> <li>- Add some User-Fields as parameter to links</li> <li>- Use PHP-Scripts for Access-Checks</li> </ul>                     |

## 3 Installation

### 3.1 ActiveRecord

Since ILIAS 4.4 does not include the ActiveRecord in core, you need to install this component separately. If you use ILIAS 5.0, you can skip this step

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Libraries
cd Customizing/global/plugins/Libraries
git clone https://github.com/studer-raimann/ActiveRecord.git
```

### 3.2 Plugin

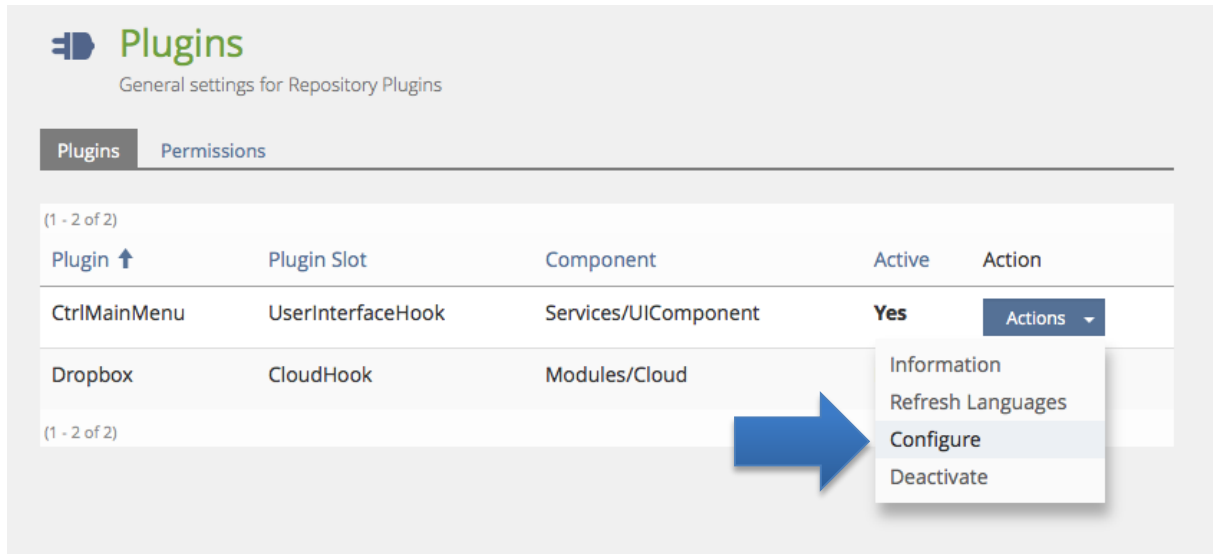
Change back to your ILIAS-Root-Directory and install the plugin using the following commands:

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
cd Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
git clone https://github.com/studer-raimann/CtrlMainMenu.git
```

Navigate to the ILIAS Administration and activate the plugin.

## 4 Usage of the Plugin

The Plugin can be configured in the ILIAS-Administration in Plugins, choose Actions → Configure on Entry CtrlMainMenu.



**Plugins**  
General settings for Repository Plugins

Plugins Permissions

(1 - 2 of 2)

| Plugin ↑     | Plugin Slot       | Component            | Active | Action    |
|--------------|-------------------|----------------------|--------|-----------|
| CtrlMainMenu | UserInterfaceHook | Services/UIComponent | Yes    | Actions ▾ |
| Dropbox      | CloudHook         | Modules/Cloud        |        |           |

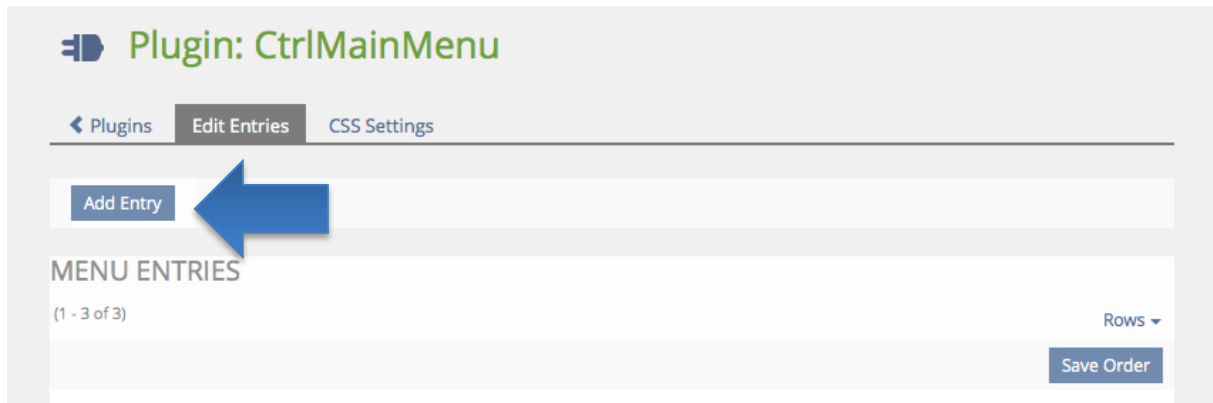
(1 - 2 of 2)

Information  
Refresh Languages  
Configure  
Deactivate

### 4.1 Managing Menu-Entries

#### 4.1.1 Adding Entry

Choose „Add Entry“ in the Plugin-Configuration.



**Plugin: CtrlMainMenu**

Plugins Edit Entries CSS Settings

Add Entry

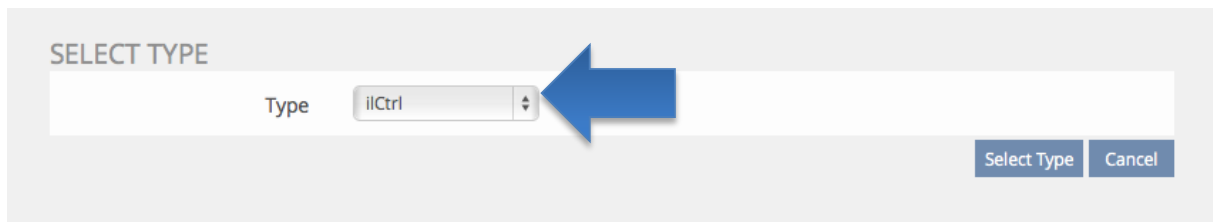
**MENU ENTRIES**

(1 - 3 of 3)

Rows ▾

Save Order

Select an Entry-Type:



**SELECT TYPE**

Type ilCtrl

Select Type Cancel

## Entry-Type      Functionality

|                         |  |
|-------------------------|--|
| <b>ilCtrl</b>           | One of the most important Entry-Types in the Plugin. ILIAS-Administrators or Developers can create Menu-Entries to almost every location in ILIAS by adding Base- and CommandClasses. This requires some knowledge in ILIAS-Control-Structure. But nothing bad can happen. If you add a wrong combination of Classes in the Cmd-Class-Field, the field will be highlighted in red. Working combinations of classes result in a green field. And also when the Menu is rendered, only working links are used. |
| <b>URL</b>              | Simple link to an external or internal link.   |
| <b>Dropdown</b>         | Use Dropdown as a container for more Entries.  |
| <b>Ref-ID</b>           | Link to a Ref-ID in ILIAS.   |
| <b>Last visited</b>     | Dropdown with the links to the last visited objects in ILIAS.  |
| <b>Personal Desktop</b> | ILIAS-Standard Dropdown for the Personal Desktop.  |
| <b>Repository</b>       | ILIAS-Standard Dropdown for the Repository.  |
| <b>User Settings</b>    | Simple Form for changing Settings like Language, Skin, E-Mail, ...   |
| <b>Separator</b>        | Just a separator between two Entries. Also see 5.1.  |
| <b>Quick-Search</b>     | Search-Menu-Item   |
| <b>Mail-Status</b>      | Shows how much unread Mails a user has.  |
| <b>Authentication</b>   | Login/Logout Button  |

## 4.2 Set Entry-Properties

ADD NEW ENTRY

Save and closeCancel

Select Access Type \*

☐ No Access Control
 ☒ Restrict to Role

Input:

☐ Administrator (2)
 ☒ User (4)
 ☐ Guest (5)
 ☐ Anonymous (14)

Locale Roles

Enter IDs of locale Roles commaseperated

☐ All Roles except the following
 ☐ Read Permission to Ref-ID
 ☐ Write Permission to Ref-ID
 ☐ Only for some Users

TITLE

German \*

Mail

English

Mail

TYPE SPECIFIC SETTINGS

GUI Classes, comma-separated \*

ilMailGUI

Command

Ref-ID

\* Required

Save and closeCancel

### 4.2.1 Access-Control

Select Access Type \*

☐ No Access Control
 ☒ Restrict to Role

Input:

☐ Administrator (2)
 ☒ User (4)
 ☐ Guest (5)
 ☐ Anonymous (14)

Locale Roles

Enter IDs of locale Roles commaseperated

☐ All Roles except the following
 ☐ Read Permission to Ref-ID
 ☐ Write Permission to Ref-ID
 ☐ Only for some Users
 ☐ Check Permission per Script (Advanced Option)



**Control****Description**

|  |  |
|--|--|
| <b>No access control</b>                                 | The entry is always visible  |
| <b>restrict to role</b>                                  | Choose one or more global roles, which see the entry. Local roles can be added comma-separated   |
| <b>All roles except the following</b>                    | All roles except of the chosen will see the entry  |
| <b>Read-Permission to ref-id</b>                         | Only users with read-permission on e ref-id can see the entry  |
| <b>Write-Permission to ref-id</b>                        | Only users with write-permission on e ref-id can see the entry   |
| <b>Only for some users</b>                               | Add user-ids comma-separated which can see the entry.  |
| <b>Check Permission per Script<br/>(Advanced option)</b> | A PHP-Class on the Webserver can decide whether a entry is displayed or not. Fill in the path to the Script, the Class-Name and the public method which will be called. The method should have a Boolean-return-value. The constructor of the class has to be public and accessible without parameters. This is an advanced option. Only use this option if you are used to PHP-development. |

**4.2.2 Translations**

You can provide a Translation for each activated language in ILIAS:

**TITLE**

German \*

English

**4.2.3 Type-specific Settings**

Some Entry-Types have specific settings:

**TYPE SPECIFIC SETTINGS**

GUI Classes, comma-separated \*

ilMailGUI

Command

Ref-ID

\* Required

Save and close

Cancel

#### 4.2.4 User-Fields

Some entry-types have additional parameters which can be added to the entry links. These parameters are:

- Username
- Firstname
- Lastname
- User-ID
- Matriculation
- E-Mail
- Language
- Country
- Department
- All user-defined fields

The parameter-key can be defined as desired. The parameter-values are url-encoded<sup>1</sup>.

<sup>1</sup> <http://php.net/manual/de/function.urlencode.php>

### 4.3 Global Settings

CONFIGURATION

Save

CSS Prefix

il

CSS Class active

MMActive

CSS Class inactive

MMInactive

Replace Full Header  
(experimental)

☐

Save

#### Setting

#### Description

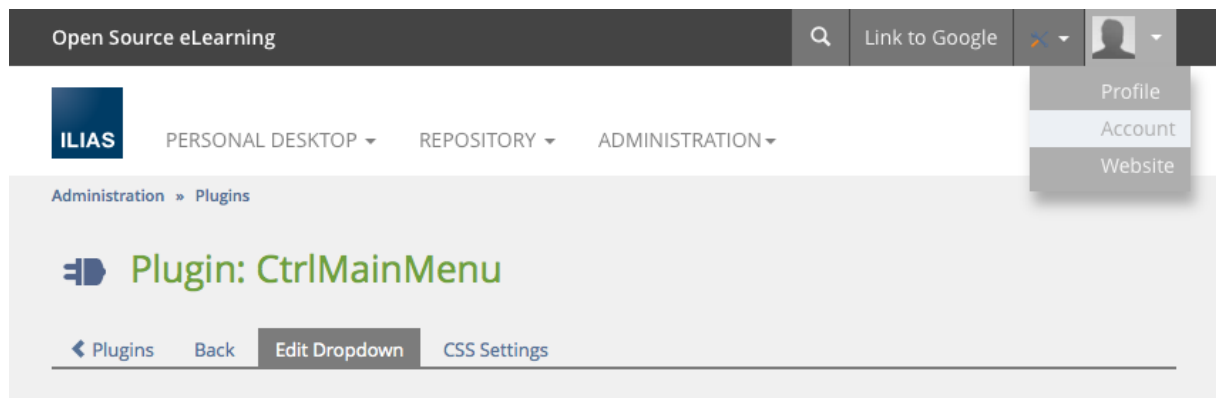
|                     |   |
|---------------------|---|
| CSS-Prefix          | It's easier to customize a ILIAS-Menu with own css-Prefixes. An example can be activated by setting to „fb“.  |
| CSS active-Class    | Class of an active Entry  |
| CSS inactive-Class  | Class of an inactive Entry  |
| Replace full header | You can replace the full ILIAS-Header with the Ctrl-Main-menu-Plugin which allows e left and a right MainMenu (e.g. in following Screenshot). See also 5.1. |

## 5 Experimental Features

The menu provides some more features, which currently are not fully tested. If you are using this features, bugs may occur.

### 5.1 Replace full header

Active „Replace full header“ in the global settings. This allows you to use the upper part of the ILIAS-Header for entries as well. Add a Entry-Type „Separator“. All entries after the first Separator will be rendered in the upper part of the header:



### 5.2 Global-Cache

Switch to the Cache-Tab to activate ilGlobalCache Support (experimental, ILIAS 5.0+ only):

