Installation of the edu-sharing plug-in v3.0 for Moodle

[edu-sharing Team]

[This document describes the installation of the Moodle LMS edu-sharing plug-in.]

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Preface

The edu-sharing plug in requires Moodle 2.7. It might work with older version but we have not tested it with older versions of Moodle. This plug-in is only compatible to edu-sharing repositories 3.0 and higher.

Copy needed files

Copy the following folders to the Moodle-install-directory:

    - blocks
    - filter
    - lib
    - mod

How to install the "edu-sharing" module

If you are not redirected, open "`[Moodle-install-directory]/admin/`" in your browser.
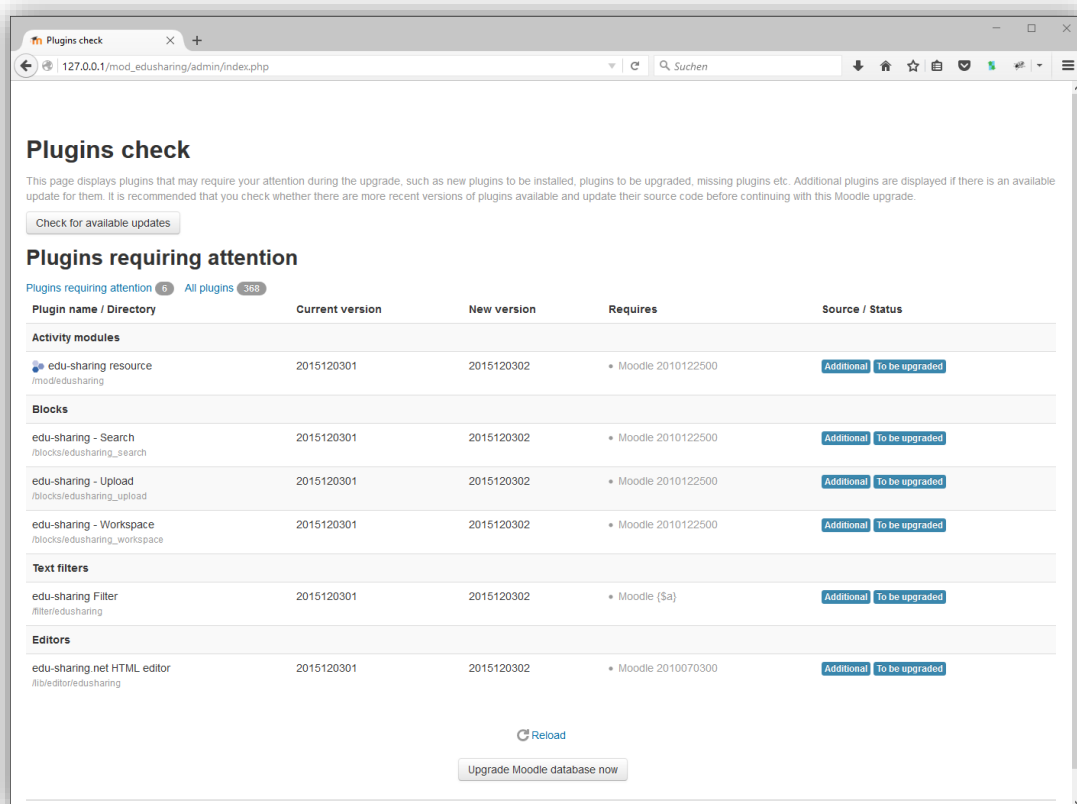
Image 1: Plugin-Check

Click on „Upgrade Moodle database now".

Once the update-process is done, you should see a success-page similar to Image 2.
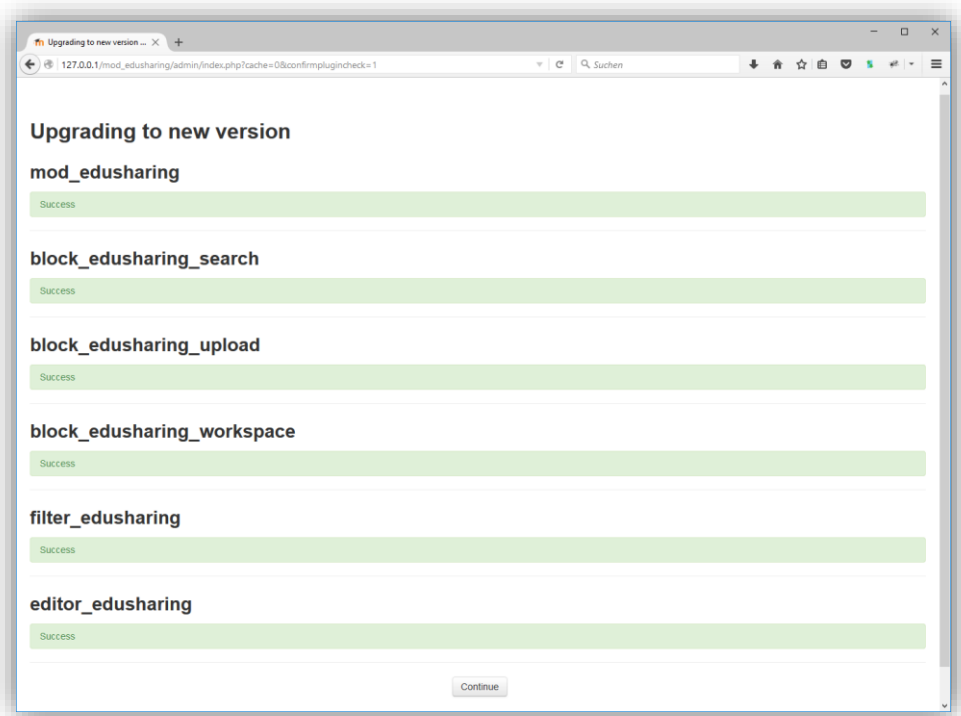
Image 2: Database-Update-Success

Click "Continue".

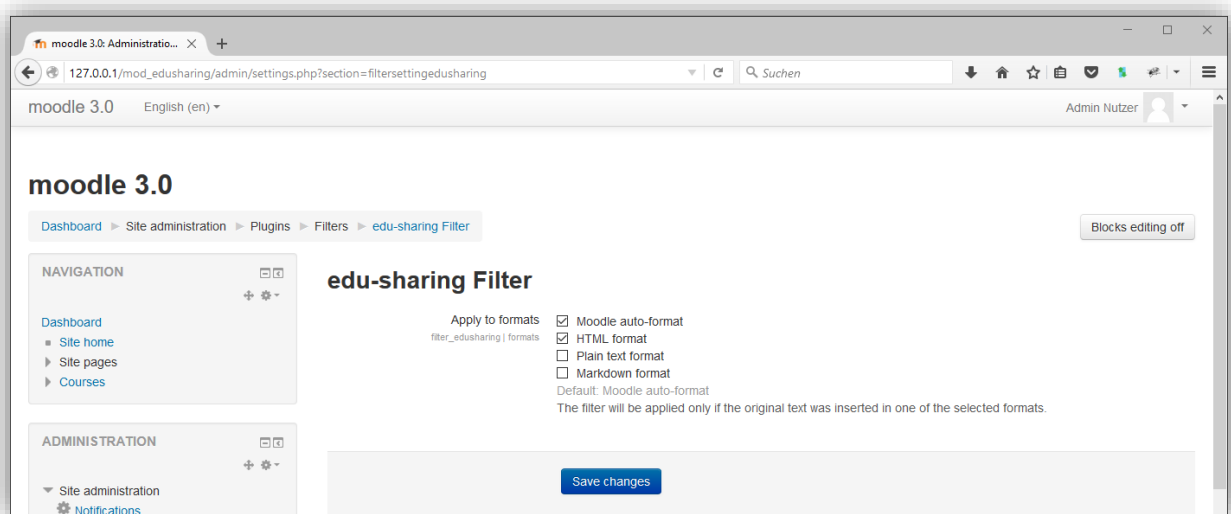Check "Moodle auto-Format" and "HTML Format" and click "Save changes".

Image 3: setting up module

Alternatively, you can install the individual plugins using the administration interface of your Moodle instance. Go to "Site Administration> Plugins> Plugin install". Follow the steps described there. Note: First, install the activity plugin ("/ mod / edusharing"), since all other plugins depend on it.

How to connect the Moodle-plug-in to the repository and the rendering service

Login to your Moodle installation and open "Site Administration → Plugins → Activity modules → edu-sharing Object". This starts the registration of the application to the repository (edu-sharing-Moodle-plugin).

Register an application in the repository

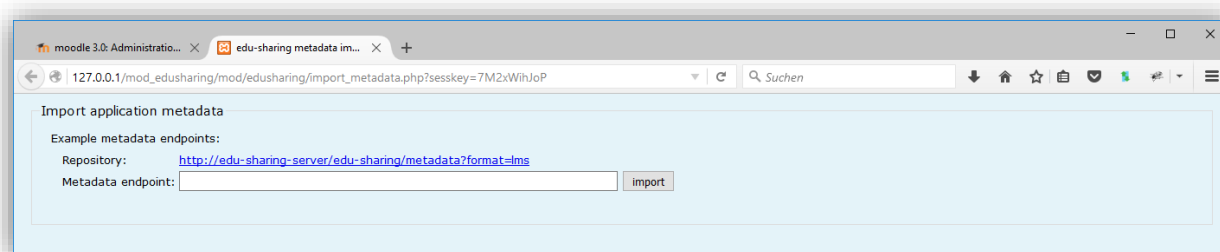Click on the link "to connect Moodle …" to be directed to the following view:

Image 4: import application metadata

Insert your URL according to your configuration e.g. `"http://edu-sharing.net/metadata?format=lms"`. Click "import" and the corresponding metadata will be created and saved to your DB.

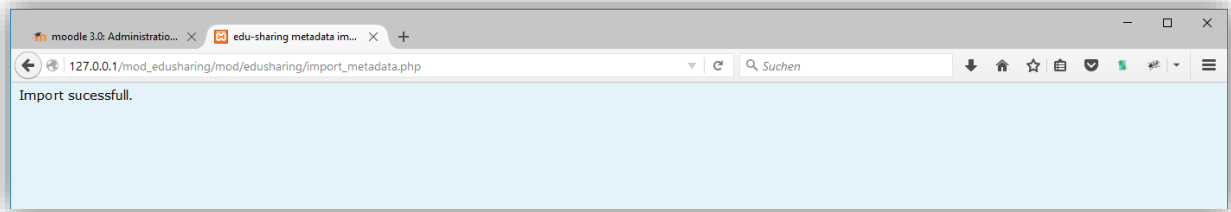If this step was successful, you should see a message similar to Image 5:

Image 5: import successful

As of version 3.0 the configuration values for the plugin and the home repository can be checked and adjusted directly in the administration interface (s. Fig. 6). For this Switch back to the configuration page of the edu-sharing plugins and refresh the page if necessary, by pressing the "F5" key on your keyboard.
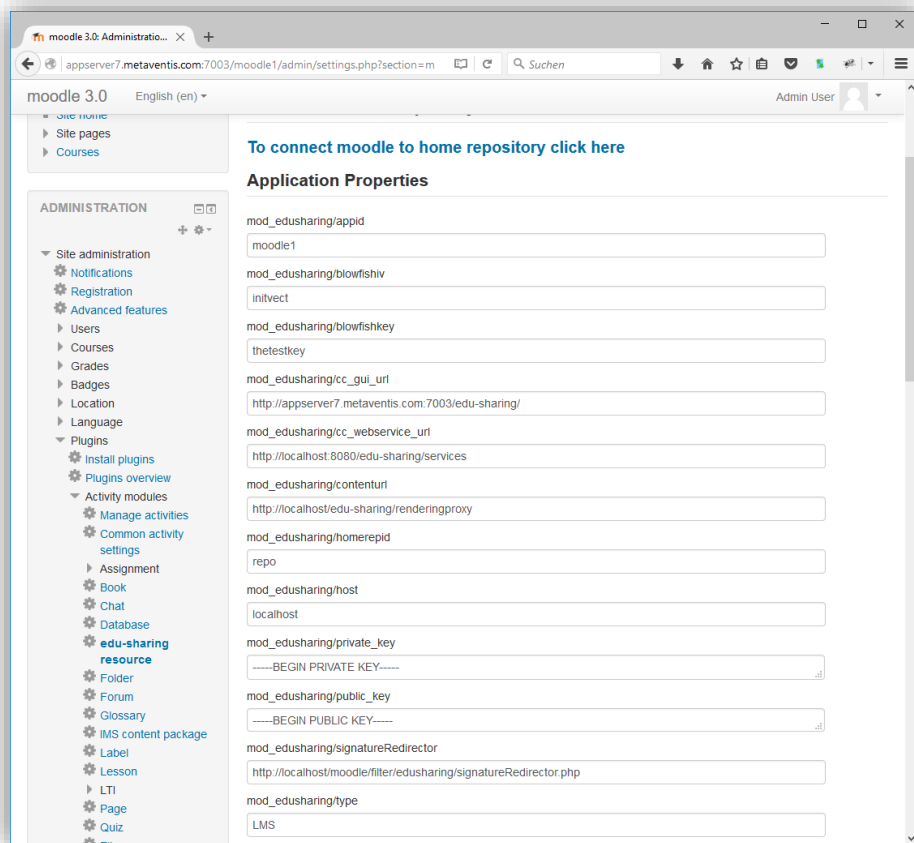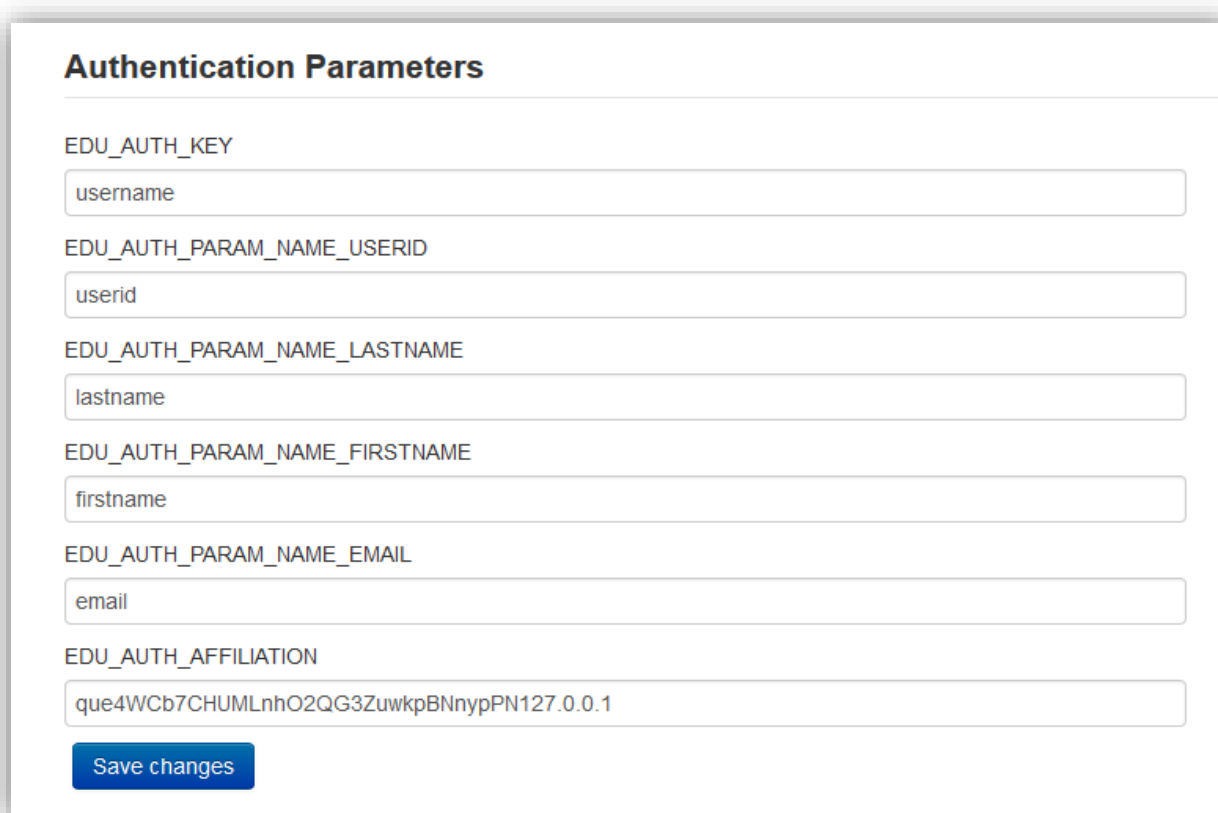

Image 6 settings for the plug-in and the home repository

The parameters for authentication can be configured in this view (s. Fig. 7).

Image 7 Auth - Parameters

Please only make subsequent changes if you are aware of the implications.
Open your edu-sharing-repository in your browser by visiting
"`[repository-Installation-directory] /?mode=3`" to register the edu-sharing-
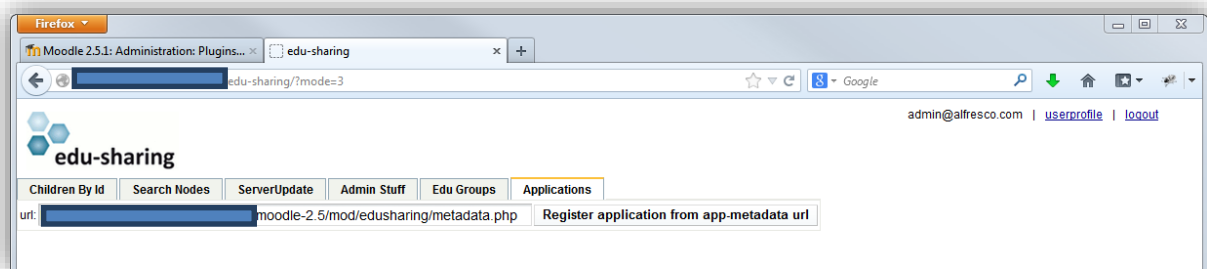Moodle-plugin as an application (Image 8).

Image 8: register application

Fill in the metadata URL

„`[Moodle-install-directory]/mod/edusharing/metadata.php`" and click
"Register application…"; you should now see a success-message similar to Image 9. The meta
data being generated can be adjusted by setting request parameters. Using "wsScheme" you
can set the desired protocol.
Valid values are "http" and "https". With "wsForceIpAddress" set, the domain name in the
URL will be replaced with the IP address.

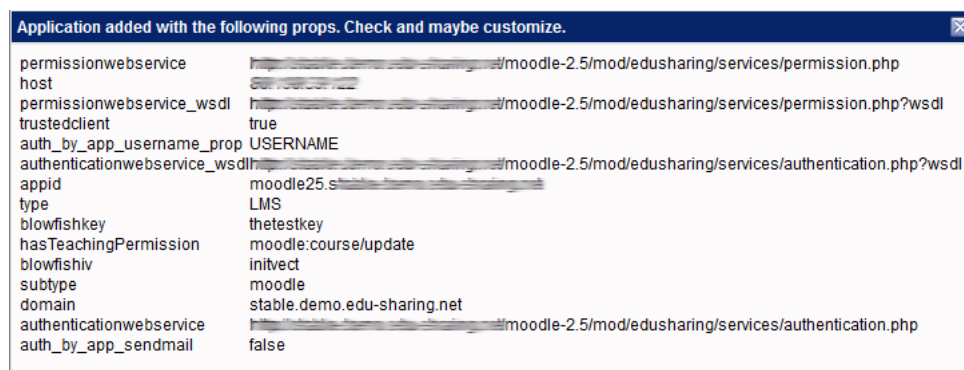Image 9: registering application success

Update the application-information; open the tab „Admin Stuff"and click on "Refresh
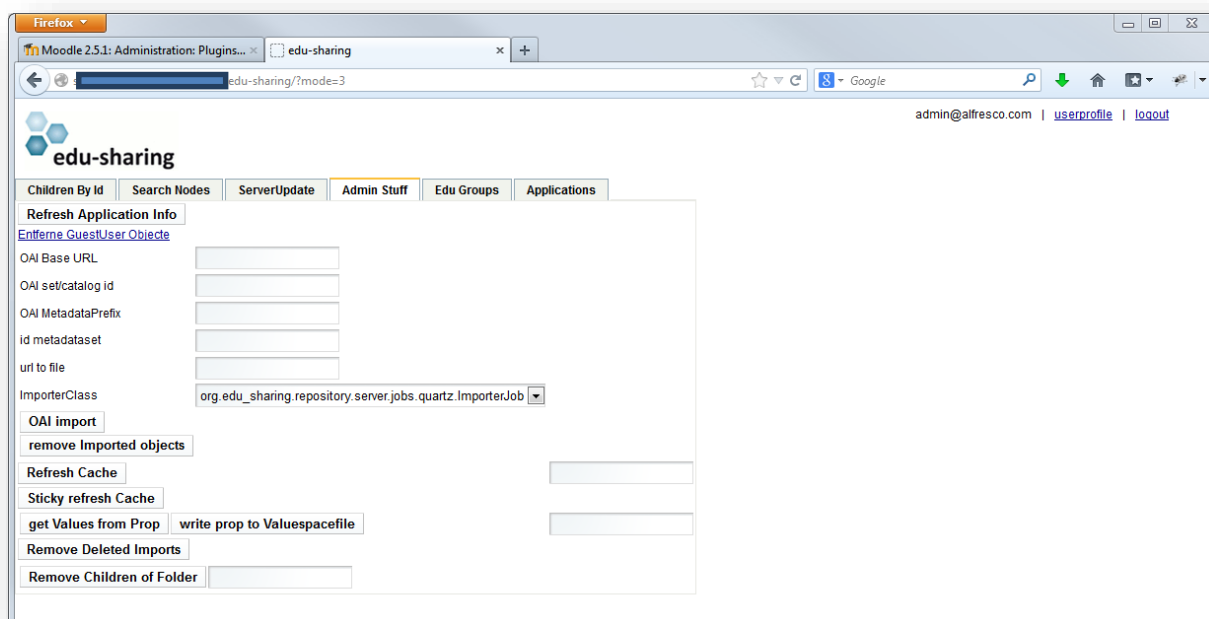Application info".

Image 10: refresh application Info

Activate the editor-extension

To activate the extension for the integrated Moodle-WYSIWYG Editor, navigate to "Site administration" → Plugins → Text editors → Manage editors.
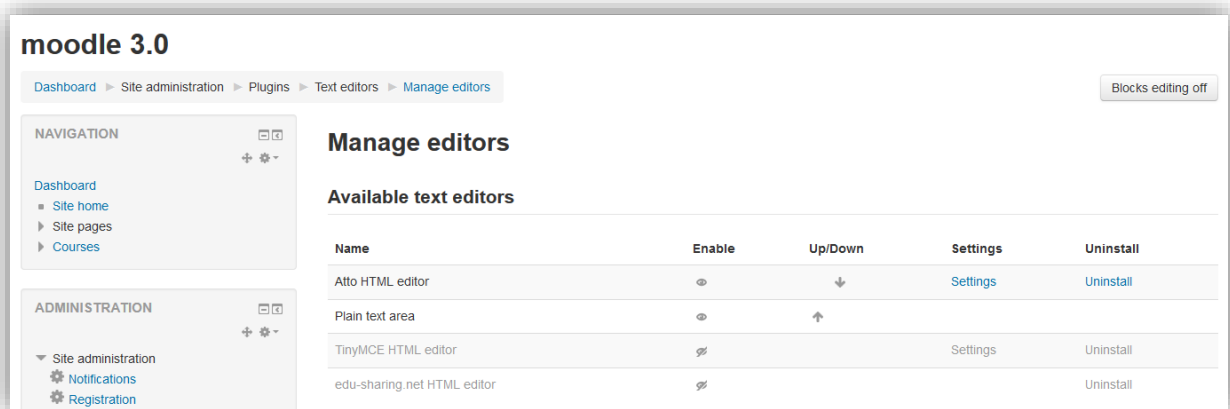

Image 11 manage editors

Activate the „edu-sharing HTML editor" by clicking on the eye-button (enable); move it to the top of the list by means of the arrows (Up/Down).
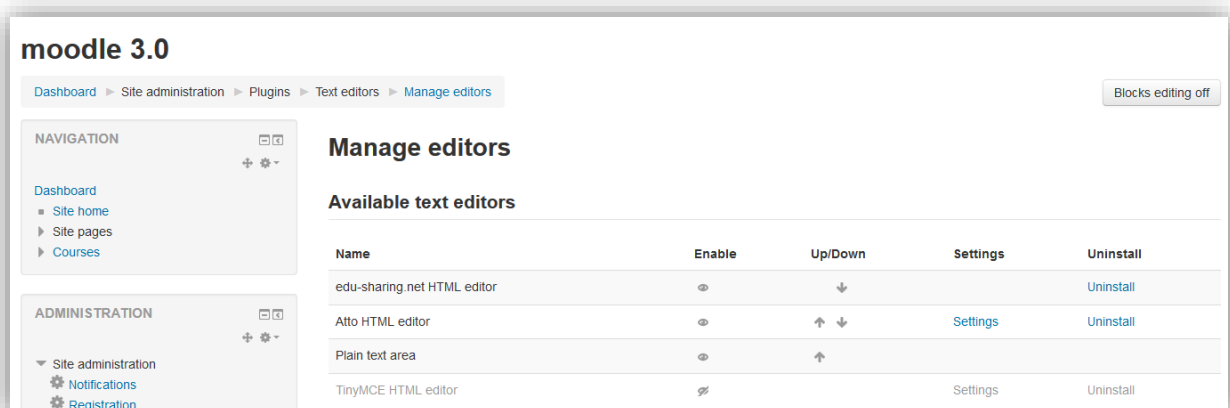

Image 12: move edu-sharing HTML editor

Activate filter

To activate the filter for edu-sharing-objects , open "Site administration" → Plugins → Filters → Manage filters.
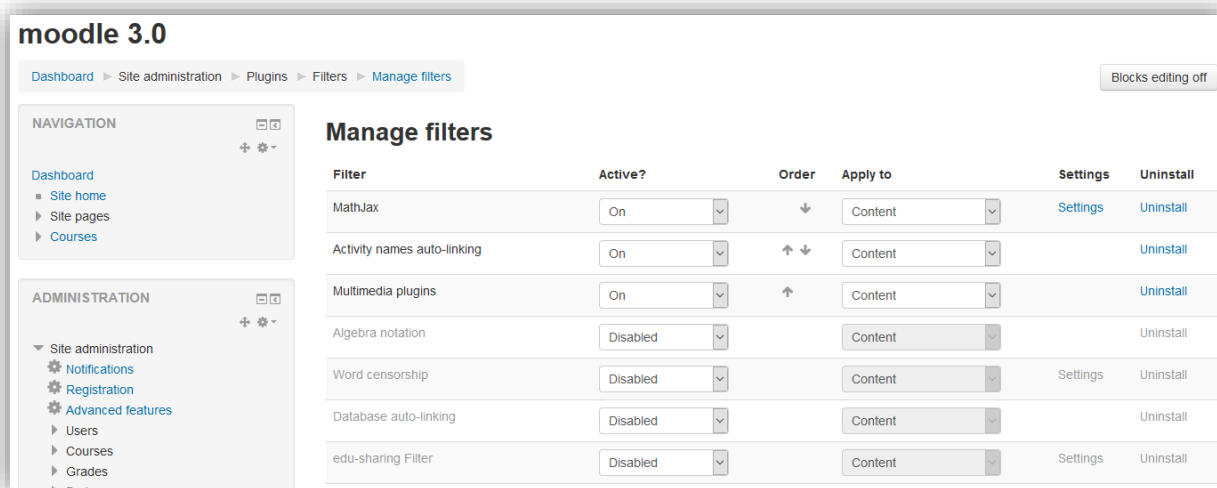

Image 13: manage filters

To activate the "edu-sharing.net Filter", choose "On" in the select-box. Please move the filter on top of the list.
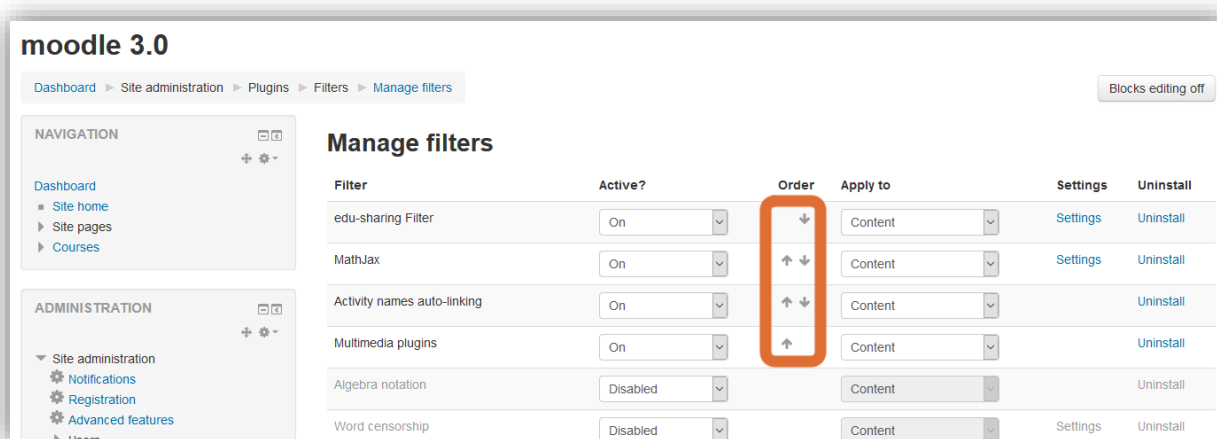

Image 14: edu-sharing.net Filter on top

That's all for the plugin setup.

How to use the editor

After the setup is finished, you should see a new button in your WYSIWYG-editor toolbar.
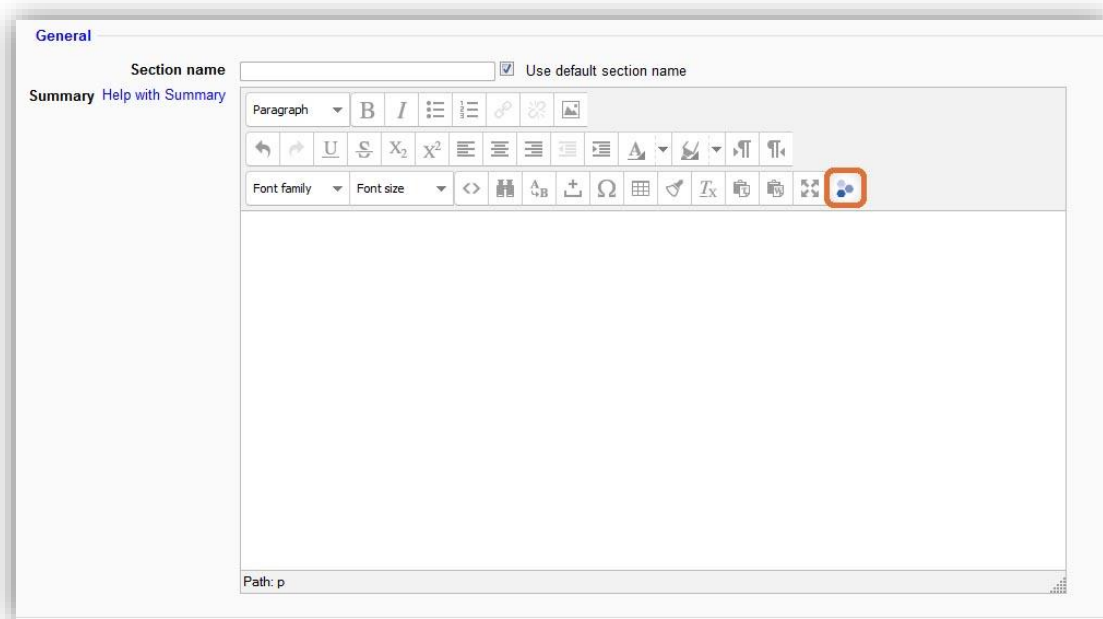

Image 15: edu-sharing-button in WYSIWYG-editor toolbar

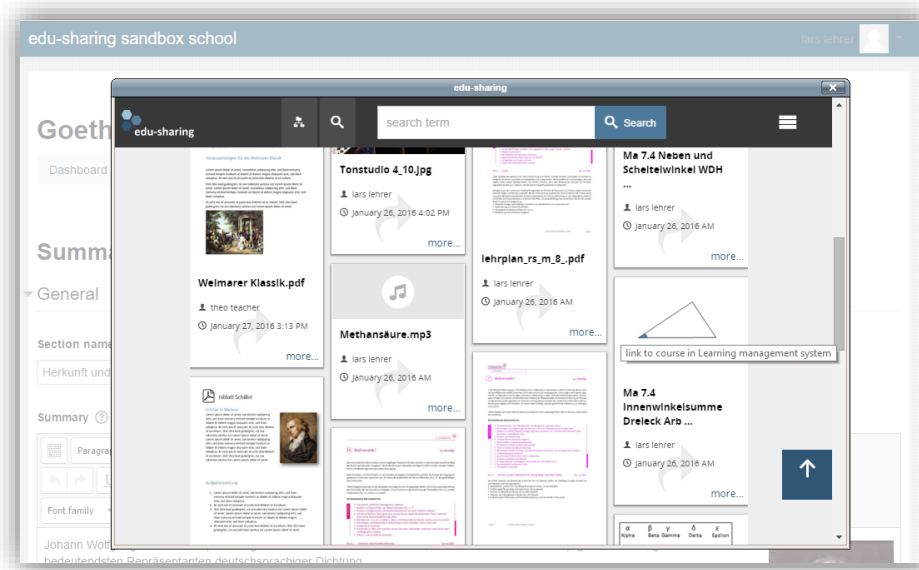If you click on the edu-sharing-button, the edu-sharing search engine will be opened.

Image 16: edu-sharing search window

Choose an object by clicking the grey arrow (Image 16). The selected object will be inserted into the WYSIWYG-editor-overlay (Image 17). The grey arrow signals whether you got the corresponding rights to use an object in your Moodle course.
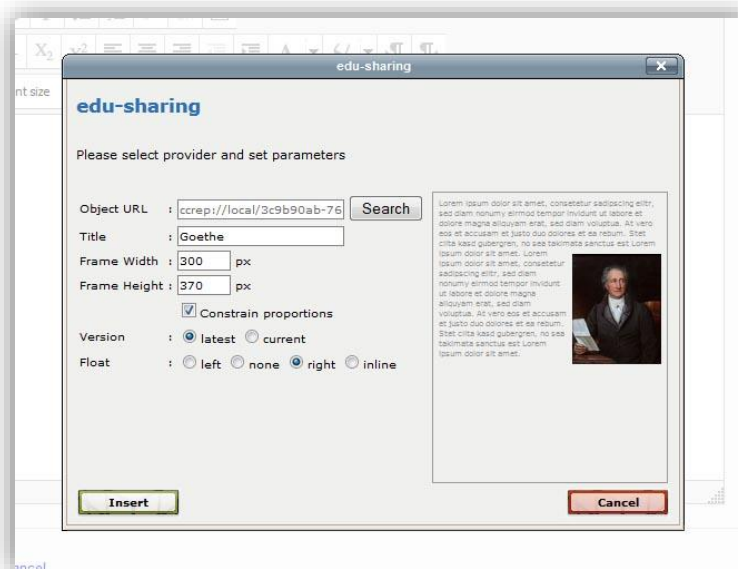

Image 17: WYSIWYG-editor window

Now you can adapt some attributes like name, height, width or floating properties. You can also decide whether you would like to link the newest version of that object or the version which you clicked (Image 17) (versioning).

Click the button „Save changes". The selected object appears in your Moodle-course-block (Image 18).
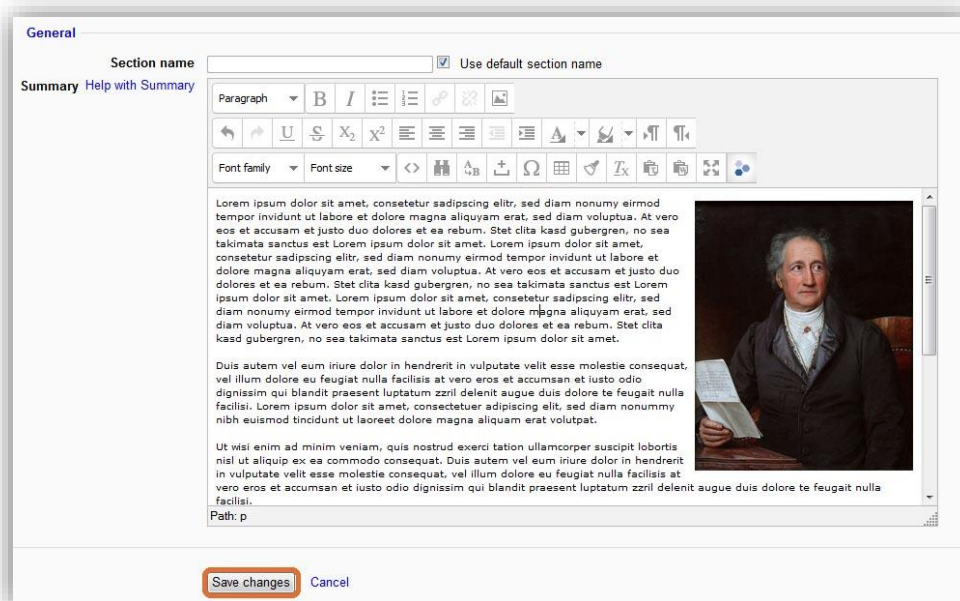

Image 18: edu-sharing-resource inserted into Moodle-course

FAQ

User Authentication

By default, the Moodle-username is used for the authentication in the repository. In some cases (e.g. single-sign-on via Shibboleth), you may want to change the values for that authentication.

Possible parameters are "id", "username" (Standard), "idnumber" or "email".
The corresponding value for "EDU AUTH_KEY" must be defined in the settings.
If SSO authentication is used, the SSO attributes of the authentication process must be written in a Web session called $ _SESSION [SSO '] so that they can be used for authentication in the repository later. The keys for the values in the session array have to be consistent with that in the repository and set correspondingly in the administration view of the plugin.