C:\Users\Owner\Desktop\logo.png

**Formulize Integration**

**Future Developer Guide**

**Notes on possible enhancements**

As we didn’t have enough time to implement everything we would have like, here are notes on possible enhancements.

* Add menu item parameters to customize the colors of the Formulize Form (very easy to implement).
* Create multiple language extensions (very easy to implement).
* Embed Formulize admin page (from the Formulize website) in an IFrame in the backend of the extension.
  + This requires having a new parameter to store the absolute path of Formulize.
* Remove the MVC structure completely.
* Synchronize group memberships during batch processing.

**How things work right now:**

There are two separate extensions in, *com\_formulize* and *plg\_formulize*. The extension *com\_formulize* is the component, which has the backend and frontend to the Formulize integration in Joomla. The extension *plg\_formulize* is a plugin, which registers hooks into user/group creation and update. We run actions from the extensions to the formulize install through the use of the integration\_api.php in the formulize install.

These two extensions fulfill two main purposes:

1. Displaying Formulize screens with respect to the user and group permissions

This is done in *com\_formulize. com\_formulize* also stores the filesystem path to the formulize install so integration\_api.php can be included. This must be installed and configured before any of the functions, including the plugin, can start working.

1. Synchronizing Joomla users and groups with Formulize

This is done both in *com\_formulize* and *plg\_formulize*. The sync button in *com\_formulize,* defined in *admin/formulize.php*, will sync from Joomla to Formulize only. It will take care of syncing any already-created users and groups in Joomla to Formulize, along with mapping the default groups to each other. *plg\_formulize* can take care of any new users or groups as they are created.

**Development Workflow**

While developing, it’s easiest to install from a directory and edit files in that directory, reinstalling from the directory with every change. If you would like to fork the Github repositories to continue developing, here are the links:

<https://github.com/jeffling/formulize-joomla> This is for the component side, includes the Initial Syncing (the sync button)

<https://github.com/jsanterre/formulize-plugin> This is for the automated syncing, which will keep, Formulize and Joomla consistent when changes are made on the Joomla side.

Using Github you can keep the SVN commit logs smaller.

**Notes when developing**

The functions between Joomla 1.5, 1.6, and 2.5 are often completely different. When following a guide in the Joomla wiki, be sure that you’re following from the right guide.