

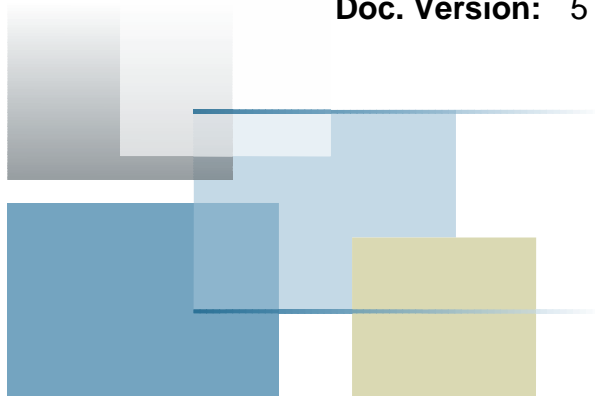


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Deployment Document for GCconnex Micro Missions



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HISTORY OF CHANGES

GCDocs Version #	Date of Change	Section(s) Changed	Description of Changes
1	03-Dec-2015	All	Draft.
2	23-Dec-2015	All	First full version.
3	28-Jan-2016	Description of Modifications	Describes new content in Release 4
4	18-Feb-2016	Identification/Summary, Description of Modifications, Troubleshooting, Appendix A	New plugin missions_organization added for organization tree functionality.
5	09-Mar-2016	Description of Modifications	Analytics capabilities added to the missions plugin.

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Intended Audience

This document is intended to be used by the development and support teams involved with the installation and configuration of GCconnex Micro Missions.

Description

Assumptions

The platform which these components were developed on consists of:

- PHP 5.6.11
- MySQL
- Elgg 1.12

Identification / Summary

This document (and subsequent linked content) identifies all the steps required to install and configure the GCconnex Micro Missions. At time of creating this document, the GCconnex Micro Missions components include:

- missions (Plugin)
This contains all the micro mission logic and functionality.
Users may post micro missions, search for missions or candidates using simple or advanced searches, view a list of the latest missions, view a list of missions they are associated with and invite other users or apply to a mission.
- missions_profile_extend (Plugin)
This adds a section to the profile which allows for users to opt-in to several initiatives.
- missions_organization (Plugin)
This adds a section to the admin panel for uploading the GEDs CSV file and manipulating the resulting organization tree. It also adds an input field for selecting departments on different levels of the organization tree starting from the root.

This document includes sections for the components above. If changes to a particular solution component are not required, this will be identified in the component's section (ex: no change to Elgg during this release).

Description of Modifications for this Release

This release will include changes to the following components:

Component	Version	Changed in this Release?	Notes
missions	6	True	<ul style="list-style-type: none"> • Plugin adds a section for basic analytics which allow a user to create a bar or pie graph of missions within a defined time. • Plugin adds another section for users to search for other users according to an opt-in option.
missions_profile_extend	6	True	<ul style="list-style-type: none"> • Updated to match the latest version of b_extended_profile.

missions_organization	6	True	• Minor updates to base functionality.
Data Structure	6	False	

Known Limitations and Exclusions

No known limitations or exclusions.

Dependencies

Extended Profile by Bryden 1.0 (Plugin)

Updated March 8, 2016.

Installation and Configuration Instructions

The following sections detail the installation and configuration requirements to successfully deploy GCconnex Micro Missions. The following sections must be completed in the order provided as they each contain dependencies on prior section completions.

Disable plugins to be upgraded

Prior to any components being deployed, disable the previous versions of missions, missions_profile_extend, and missions_organization plugins in Elgg. This can be done in the administration panel in the Plugins page. In addition, flush the caches for the website. This can be done in the administration panel on the front page.

Extract Sources from GitHub

On the server:

Copy resources from github location www.github.com/gcconnexmicromissions/micromissions to system location `/sites/gcconnex/htdocs/elgg/mod`.

Check GCconnex Micro Missions plugin versions

Confirm the version numbers:

First, enter the administration panel for the GCconnex website.

Next, click on Plugins under the Configure section in the rightmost sidebar.

Finally, find the Micro Missions, Missions Profile Extension, and Micro Missions Organization plugins in the list and confirm that the number adjacent to the title matches the versions listed in the Description of Modifications table.

Re-Enable plugins to be upgraded

After all components have been deployed:

Make sure that Micro Missions Organization comes before Micro Missions in the plugin list.

Re-enable the missions, missions_profile_extend, and missions_organization plugins from the list of Elgg plugins in the administration panel.

Test GCconnex Micro Missions (smoke test)

IMPORTANT NOTE!

Elgg's internal testing throws up several exceptions in Elgg 1.12. The following test procedure is still valid but the tester will have to deal with 63 exceptions thrown by ElggCore. This is unrelated to the missions plugins.

The entirety of GCconnex can be tested by entering the base site url followed by */engine/tests/suite.php*. This also runs the missions plugin tests found under */sites/gcconnex/htdocs/elgg/mod/missions/testable/simpletest*.

Troubleshooting

Problem: Dropdown inputs have no content or searches display too many results.

Fix: The plugin settings have disappeared. Go to the administration panel and find Micro Missions in the Settings section under the Configure section. This page should have the title Plugin Settings and a subtitle Micro Missions with several dropdowns and a save button. Click the save button.

Problem: User is not receiving mission invites or responses on the site or their email address.

Fix: Notifications are turned off in user settings. Go to the site page and there should be a Settings link in the top bar between Dashboard and Log out. In these user settings there is a Notifications link in the right sidebar. From there, check the two checkboxes under Personal Notifications.

IMPORTANT NOTE!

Currently site notifications are not being displayed correctly and do not show up in the User's inbox when using Elgg's `notify_user()` function. This is a problem external to the missions plugins.

Problem: Advanced search is taking too long or timing out entirely.

Fix: The search query is too large. Reduce the number of search fields in advanced search by navigating to the plugin settings in the administration panel (see first problem). Change the fields in advanced search form value in the associated dropdown and save the settings.

Problem: Tests indicate that debug mode needs to be enabled to proceed.

Fix: Error logging is disabled. Go to the administration panel and find Advanced Settings under the Settings section. There is a short paragraph that starts with the words debug mode and a dropdown menu which needs to be set to at least Display only critical errors.

Problem: The back button in my browser header is not working when I'm traversing the organization tree in the administration panel.

Fix: The back and forward buttons unfortunately do not work in `admin/missions_organization/node-view`. You have to move along the tree using the parent and children links on the page or return to the organization main page by clicking on Organization in the sidebar.

APPENDIX A – SETTINGS DETAILS

Key	Default Value	Details [Format] Explanation
search_limit	100	Maximum number of entities that can be drawn from the database with one query.
river_message_limit	100	Maximum number of characters that will be found in the mission's river description.
advanced_element_limit	6	Total number of search rows that can be found on the advanced search page.
river_element_limit	10	Maximum number of entities that will be displayed in the mission river on a single page.
search_result_per_page	9	Maximum number of missions or candidates that will be displayed as a result of a simple or advanced search on a single page.
mission_developer_tools_on	NO	Value to hide certain development pages when demonstrating the website. Should not be changed.
missions_front_page_limit	3	The number of missions displayed on the splash page for users who have not opted in to Micro Missions.