

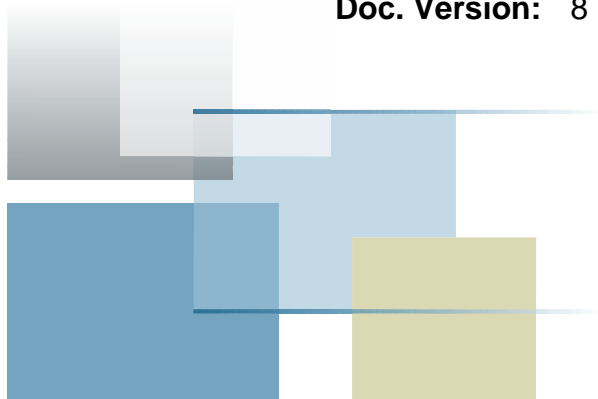


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Deployment Document for GCconnex Micro Missions



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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.
6	24-Mar-2016	Description of Modifications	Changes given by TBS made.
7	19-Apr-2016	Description of Modifications, Troubleshooting	Changes according to feedback made.
8	04-May-2016	Description of Modifications, Troubleshooting, Appendix A	Usability changes and bug fixes.

TABLE OF CONTENTS

Intended Audience4

Description4

 Assumptions.....4

 Identification / Summary4

 Description of Modifications for this Release4

 Known Limitations and Exclusions.....5

 Dependencies.....5

Installation and Configuration Instructions.....5

 Disable plugins to be upgraded.....5

 Extract Sources from GitHub5

 Check GCconnex Micro Missions plugin versions5

 Re-Enable plugins to be upgraded5

 Test GCconnex Micro Missions (smoke test)6

Troubleshooting6

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	9	True	<ul style="list-style-type: none"> • Usability has been improved across the entire Micro-Mission plugin. This includes more feedback messages when the user takes actions and buttons for feedback and user endorsement in a completed mission's full view. • Work has been done to improve the display especially when it comes to long user text entries.

			<ul style="list-style-type: none"> A lot more testing has been done to find and fix logic and view bugs.
missions_profile_extend	9	True	<ul style="list-style-type: none"> Bug fix which allows the user avatar to be correctly sized under completed missions.
missions_organization	9	True	<ul style="list-style-type: none"> Minor improvement to the dropdown department entry element logic.
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 GConnex 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 GConnex 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/gconnex/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.

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.

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.

Problem: Internal Gconnex site messages are not being sent or received to or from the correct account. Or the manager information on the card view links me to a strange profile.

Fix: Micro-Missions has moved away from using the owner of the Micro-Mission to link a manager to his Micro-Mission. Now the email address entered in the first form of the post opportunity action is used to determine who is messaged when it comes to the management of a Micro-Mission. The problem is that different accounts can share the same email address. This does not affect emails but on site messages require the program to identify which account is being targeted. Thus, messages sent to a Micro-Mission manager are sent to all accounts with the input email address while messages sent from a Micro-Mission manager are sent from the latest account with the input email address. The link to the manager profile on the Micro-Mission card view also selects the latest account with the input email address.

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 tools 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.
missions_job_title_card_cutoff	50	The number of characters allowed in the Micro-Mission title before it is cutoff and ellipsis are added to the end.