This document outlines the intended functionality of the dashboard in the ILP 2.0 block. The ILP 2.0 dashboard will be customisable via user templates and the plug-ins. I will discuss the intended workings of both the templates and plug-ins then I will detail their interaction with each other.

ILP 2.0 Templates

I have not decided whether I will be using a template engine so what is written below is subject to change:

Templates will be created by implementing the abstract ilp\_template class and creating html code. The abstract ilp\_template class will feature a number of functions that must be implemented. These functions will be: regions, html\_template. The regions function will return a list of the regions that correspond to regions in the html for the template. The html\_template function will hold the html for the template. Though the html\_template function will hold the html the best practice will be to place the template html in a separate html file and have the html\_template function read the file from disk. As stated before the html returned by the html\_template class must feature the regions declared in the regions function. The regions should be declared using the following format.

REGION DECLARATION FORMAT TO BE DECIDED

ILP 2.0 Plug-ins

Plug-ins will be created by extending the ilp\_dashboard\_plugin class. The ilp\_dashboard\_plugin will have a number of functions that must be implemented in order for the plug-in to work correctly. These will include: Config\_settings, install, uninstall, language\_strings. There are likely to be more functions.

Dashboard Configuration

The dashboard templates and plug-ins will feature both global and instance configuration.

Global Configuration

The global configuration will allow a user with the relevant permissions to enable/disable any of the templates or plug-ins. Should a template that is in use be disabled then the dashboard should default back to the default dashboard template. (At a global level) Users will also be able to configure the plug-ins that will be in a region of a selected template. There is scope for a subset of this functionality to be available to the instance configuration however not in the first round of development. It is possible that each plug-in will feature its own set of configuration options.

Instance configuration

At an instance level a user with the relevant permissions will be able to