Plugin Actions

Most plugins need to be displayed somewhere in the interface. Either through a link somewhere in the navigation, or as a widget on a certain page. This is accomplished by having the plugin register actions.

Registering Actions

Actions allow plugins to make themselves available throughout Blesta. In some areas Blesta will simply render a link to the provided URI. In other area Blesta will attempt to render a widget. Let's look at an example.

/plugins/my_plugin/my_plugin_plugin.php

```
<?php
class MyPluginPlugin extends Plugin {

    ...

    public function getActions() {
                return array(
                        array(
                                'action' => "nav_primary_client", // The action to tie into
                                'uri' => "plugin/my_plugin/client_main/index/", // The URI to fetch when the
action is needed
                                'name' => "Foo Bar", // The name used by Blesta to display for the action (e.g.
The name of the link),
                                'options' => null, // Options required for this action if any (e.g. array('key'
=> "value"))
                                'enabled' => 1 // Whether or not the action should be enabled by default (1 to
enable, 0 to disable)
                        )
                );
        }
}
?>
```

The above example would register the link "Foo Bar" in the client interface's primary navigation. The link would point to **/plugin/my_plugin/client_main /index/**. The URI resolves to the **ClientMain** controller and **index** method. Here's what that might look like:

/plugins/my_plugin/controllers/client_main.php

```
<?php
class ClientMain extends MyPluginController
{
    public function index() {
                // Set some variables to the view
                $this->set("var1", "value1");

                // Set variables all at once
                $var2 = "hello";
                $var3 = "world";
                $this->set(compact("var2", "var3"));

                // Automatically renders the view in /plugins/my_plugin/views/default/client_main.pdt
        }
}
?>
```

> ⚠️ **Query Parameters Not Allowed**
>
> The URI should be only the **path** (relative to the base URI) that does not include any **query** or **fragments**. See https://en.wikipedia.org/wiki /Uniform_Resource_Identifier#Examples

⚠️

> ⚠️ **Query Parameters v4.2**
>
> As of version 4.2 query parameters are allowed, however widgets that use query parameters cannot be reordered on the page.

> ⚠️ **Naming Convention**
>
> All **Client** controllers must start with **client_** in their file name. The same is true for admins as well. All **Admin** controllers must start with **admin_** in their file name. This tells Blesta which portal to render. Generic controllers (those not associated with a particular portal don't need any prefix.

> ⓘ **Registering an action is not necessary**
>
> All plugins are accessible via their URI directly (i.e. *http://mydomain/installpath/plugin/my_plugin/controller/action/*). So you don't have to register an action to make your plugin accessible.

Available Actions

Below is a list of all actions available.

Action	Type	Description	Options
nav_primary _client	Link	Renders a link in the primary nav of the client interface	**base_uri** - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute. If not provided, the base URI defaults to the base URI of the interface in which it displays–in this case, the client interface. Possible values include: - public - The base URI will be set to the URI of the public interface - client - The base URI will be set to the URI of the client interface - admin - The base URI will be set to the URI of the admin interface - Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/) **sub** - A numerical array of sub nav elements, each containing an array of: - uri - The URI to link to - name - The name of the link - icon - The icon to display (optional) - enabled - Whether the link is enabled by default (1 or 0, optional) - base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute. If not provided, the base URI defaults to the base URI of the parent element. Possible values include: - public - The base URI will be set to the URI of the public interface - client - The base URI will be set to the URI of the client interface - admin - The base URI will be set to the URI of the admin interface - Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/) **secondary** - A numerical array of secondary nav elements, each containing an array of: - uri - The URI to link to - name - The name of the link - icon - The icon to display (optional) - enabled - Whether the link is enabled by default (1 or 0, optional) - base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute. If not provided, the base URI defaults to the base URI of the parent element. Possible values include: - public - The base URI will be set to the URI of the public interface - client - The base URI will be set to the URI of the client interface - admin - The base URI will be set to the URI of the admin interface - Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/)

nav_primary_staff	Link	Renders a link in the primary nav of the admin interface	• **base_uri** - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.
			If not provided, the base URI defaults to the base URI of the interface in which it displays–in this case, the admin interface.
			Possible values include:
			  ○ public - The base URI will be set to the URI of the public interface
			  ○ client - The base URI will be set to the URI of the client interface
			  ○ admin - The base URI will be set to the URI of the admin interface
			  ○ Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/)
			• **sub** - A numerical array of sub nav elements, each containing an array of:
			  ○ uri - The URI to link to
			  ○ name - The name of the link
			  ○ enabled - Whether the link is enabled by default (1 or 0, optional)
			  ○ base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.
			    If not provided, the base URI defaults to the base URI of the parent element.
			    Possible values include:
			      ■ public - The base URI will be set to the URI of the public interface
			      ■ client - The base URI will be set to the URI of the client interface
			      ■ admin - The base URI will be set to the URI of the admin interface
			      ■ Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/)

nav_secondary_staff	Link	Renders a link in the secondary nav of the admin interface under the given parent	• **parent** - The portion of the URI that identifies the primary nav element to place this under (e.g. "packages/" = Packages tab)
			• **base_uri** - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.
			If not provided, the base URI defaults to the base URI of the interface in which it displays–in this case, the admin interface.
			Possible values include:
			  ○ public - The base URI will be set to the URI of the public interface
			  ○ client - The base URI will be set to the URI of the client interface
			  ○ admin - The base URI will be set to the URI of the admin interface
			  ○ Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/)

widget_client_home	Widget	Renders a widget on the client home page	N/A
widget_staff_home	Widget	Renders a widget on the staff home page	N/A
widget_staff_client	Widget	Renders a widget on the staff client profile page	N/A
widget_staff_billing	Widget	Renders a widget on the staff billing page	N/A
action_staff_client	Link	Renders a link in the "Account Actions" section of the staff client profile page	• **class** - The CSS class name to use to style the link