

# 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](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 | <ul style="list-style-type: none"> <li> <b>base_uri</b> - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>           If not provided, the base URI defaults to the base URI of the interface in which it displays—in this case, the client interface.<br/>           Possible values include:           <ul style="list-style-type: none"> <li>public - The base URI will be set to the URI of the public interface</li> <li>client - The base URI will be set to the URI of the client interface</li> <li>admin - The base URI will be set to the URI of the admin interface</li> <li>Any other non-null value provided will be set as given (e.g. a custom URL: <code>http://domain.com/</code>)</li> </ul> </li> <li> <b>sub</b> - A numerical array of sub nav elements, each containing an array of:           <ul style="list-style-type: none"> <li>uri - The URI to link to</li> <li>name - The name of the link</li> <li>icon - The icon to display (optional)</li> <li>enabled - Whether the link is enabled by default (1 or 0, optional)</li> <li>base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>               If not provided, the base URI defaults to the base URI of the parent element.<br/>               Possible values include:               <ul style="list-style-type: none"> <li>public - The base URI will be set to the URI of the public interface</li> <li>client - The base URI will be set to the URI of the client interface</li> <li>admin - The base URI will be set to the URI of the admin interface</li> <li>Any other non-null value provided will be set as given (e.g. a custom URL: <code>http://domain.com/</code>)</li> </ul> </li> </ul> </li> <li> <b>secondary</b> - A numerical array of secondary nav elements, each containing an array of:           <ul style="list-style-type: none"> <li>uri - The URI to link to</li> <li>name - The name of the link</li> <li>icon - The icon to display (optional)</li> <li>enabled - Whether the link is enabled by default (1 or 0, optional)</li> <li>base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>               If not provided, the base URI defaults to the base URI of the parent element.<br/>               Possible values include:               <ul style="list-style-type: none"> <li>public - The base URI will be set to the URI of the public interface</li> <li>client - The base URI will be set to the URI of the client interface</li> <li>admin - The base URI will be set to the URI of the admin interface</li> <li>Any other non-null value provided will be set as given (e.g. a custom URL: <code>http://domain.com/</code>)</li> </ul> </li> </ul> </li> </ul> |
| nav_primary_staff  | Link | Renders a link in the primary nav of the admin interface  | <ul style="list-style-type: none"> <li> <b>base_uri</b> - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>           If not provided, the base URI defaults to the base URI of the interface in which it displays—in this case, the admin interface.<br/>           Possible values include:           <ul style="list-style-type: none"> <li>public - The base URI will be set to the URI of the public interface</li> <li>client - The base URI will be set to the URI of the client interface</li> <li>admin - The base URI will be set to the URI of the admin interface</li> <li>Any other non-null value provided will be set as given (e.g. a custom URL: <code>http://domain.com/</code>)</li> </ul> </li> <li> <b>sub</b> - A numerical array of sub nav elements, each containing an array of:           <ul style="list-style-type: none"> <li>uri - The URI to link to</li> <li>name - The name of the link</li> <li>enabled - Whether the link is enabled by default (1 or 0, optional)</li> <li>base_uri - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>               If not provided, the base URI defaults to the base URI of the parent element.<br/>               Possible values include:               <ul style="list-style-type: none"> <li>public - The base URI will be set to the URI of the public interface</li> <li>client - The base URI will be set to the URI of the client interface</li> <li>admin - The base URI will be set to the URI of the admin interface</li> <li>Any other non-null value provided will be set as given (e.g. a custom URL: <code>http://domain.com/</code>)</li> </ul> </li> </ul> </li> </ul>  |

|                      |        |   |   |
|----------------------|--------|---|---|
| nav_secondary_staff  | Link   | Renders a link in the secondary nav of the admin interface under the given parent | <ul style="list-style-type: none"> <li>• <b>parent</b> - The portion of the URI that identifies the primary nav element to place this under (e.g. "packages/" = Packages tab)</li> <li>• <b>base_uri</b> - (since version 4.0) The URI prepended to the value of the element's 'uri' attribute.<br/>If not provided, the base URI defaults to the base URI of the interface in which it displays—in this case, the admin interface.<br/>Possible values include: <ul style="list-style-type: none"> <li>◦ public - The base URI will be set to the URI of the public interface</li> <li>◦ client - The base URI will be set to the URI of the client interface</li> <li>◦ admin - The base URI will be set to the URI of the admin interface</li> <li>◦ Any other non-null value provided will be set as given (e.g. a custom URL: http://domain.com/)</li> </ul> </li> </ul> |
| 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  | <ul style="list-style-type: none"> <li>• <b>class</b> - The CSS class name to use to style the link</li> </ul>  |