

Debugging

Joomla's Debugging Mode

To turn on Joomla!'s Debug mode:

- Login to the Joomla administration e.g. <http://YOURSITE/administrator/>
- At the top under the **Site** menu click **Global Configuration**.
- Click the **System** tab.
- Under the **Debug Settings** section change **Debug System** to Yes.
- Click the **Save** button.

Debug mode will output a list of all queries that were executed in order to generate the page. This will also turn on a stack trace output for error and warning pages. Hubzero components will also have PHP error reporting turned on, allowing one to see any PHP errors that may be present.

Note: Turning on debugging mode for production (live) sites is strongly discouraged and it is recommended to be avoided if at all possible.

Illegal variable ... passed to script.

One encounters the following error:

Illegal variable `_files` or `_env` or `_get` or `_post` or `_cookie` or `_server` or `_session` or `globals` passed to script.

This error is generated when the key of a key-value pair is numeric in one of the following variables: `_files` or `_env` or `_get` or `_post` or `_cookie` or `_server` or `_session` or `globals`. An example of this would be `$_POST[5] = 'value'`. This is most often generated by having form elements with numeric values as names. For example:

```
<input type="text" name="5" />
```

As the error indicates, this is not allowed. Element names must include at least one non-numeric character. Examples:

```
<input type="text" name="n5" />
```

```
<input type="text" name="n_5" />
```

