

Guide to cPanel Plugins - Add Plugins to Legacy cPanel Versions

Guide to cPanel Plugins

The dynamicui Files

Add Plugins (11.42 and earlier)

Add Plugins (11.44 and later)

Pluggable Statistics Modules

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Introduction

cPanel & WHM version 11.42 and earlier requires you to manually add items to the dynamicui files. dynamicui files contain information for each icon in the cPanel Home interface. When you add a plugin manually, the plugin will **only** be available in x3.

Warning:

This documentation describes how to add plugins to the **deprecated** x3 theme in cPanel & WHM version 11.42 and earlier.

- We **strongly** recommend that you use the Paper Lantern theme and its `install.json` method to add items to the dynamicui files.
- The steps in this document will **not** function for the Paper Lantern theme **or** for cPanel & WHM version 11.44 and later.

Add dynamicui entries manually

To add a plugin directly to the dynamicui files, perform the following steps:

1. Write one or more group dynamicui file entries.
2. Write one or more icon dynamicui file entries.
3. Add the entries to the appropriate group's `dynamicui_*.conf` file.
 - For example, add the `Support` group's entry, and the entries for any `Support` group icons, to the `/usr/local/cpanel/base/frontend/x3/dynamicui/dynamicui_support.conf` file.
4. Save icon image files to the `/usr/local/cpanel/base/frontend/theme/branding/` directory, where `theme` is `x3`.
 - Icon files **must** use the `.png`, `.gif`, or `.jpg` file formats. We **strongly** recommend that you use `.png` files.
 - Icons **must** be 32x32 pixels.
5. Run the `/usr/local/cpanel/bin/rebuild_sprites` command to rebuild the cPanel interface's sprite map.

Add groups

Each group entry in a dynamicui file will resemble the following example:

```
groupdesc=>Support,group=>support_menu,grouporder=>-10,description=>Group for support icons
```

Notes:

- Entries in dynamicui files **cannot** include line breaks.
- We **strongly** recommend that you **localize** any strings that you add to dynamicui files.

dynamicui file entries include the following data, in the `key=>value` format:

Key	Type	Description	Possible values	Example
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groupdesc	string	Required The name of the group, as it will display in the cPanel interface.	<ul style="list-style-type: none"> A string value. A valid cPanel variable. 	Support
group	string	Required The group name. Individual icon entries use this name with the group_prefix.	A string value.	support_menu
grouporder	integer	Required The group's order in the cPanel interface.	An integer that represents the order in which the group displays. Note : Groups with a lower group order value display first.	10
description	string	Required The group's description in the deprecated x3 theme's <i>Branding Editor</i> interface (cPanel >> Home >> Preferences >> Branding Editor).	<ul style="list-style-type: none"> A string value. A valid cPanel variable. 	Group for support icons

Add icons

Each icon entry in a dynamiccui file will resemble the following example:

```
itemdesc=>Support, itemorder=>-100, group
=>group_pref, url=>http://support.examp
le.com, description=>support
link, imgtype=>icon, subtype=>img, type=>i
mage, file=>support, height=>32, width=>32
```

Notes:

- Entries in dynamiccui files **cannot** include line breaks.
- We **strongly** recommend that you **localize** any strings that you add to dynamiccui files.

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dynamicui file entries include the following data, in the key=>value format:

Key	Type	Description	Possible values	Example
itemdesc	string	Required The name of the item, as it will display in the cPanel interface.	<ul style="list-style-type: none"> A string value. A valid cPanel variable. 	Support
itemorder	integer	Required The item's order in the cPanel interface.	An integer that represents the order in which the item displays. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note: Items with a lower item order value will display first.</p> </div>	-100
group	string	Required The icon group in which the item will appear.	The prefix <code>group_</code> and a valid group name. <div style="border: 1px solid orange; padding: 5px; margin-top: 10px;"> <p>Note: Group entries include the group name, without the <code>group_</code> prefix, as the group key's value.</p> </div>	group_pref
url	string	Required The location to which the item links.	A valid URL.	http://support.example.com/

Related Documentation

- [Guide to cPanel Plugins - Add Plugins to Legacy cPanel Versions](#) — cPanel & WHM version 11.4.2 and earlier requires you to manually add items to the dynamicui files.

description	string	Required The item's description in the deprecated x3 theme's <i>Branding Editor</i> interface (<i>cPanel >> Home >> Preferences >> Branding Editor</i>) .	<ul style="list-style-type: none"> • A string value. • A valid cPanel variable. 	support link
if	string	A conditional value that checks configuration settings to determine whether the item displays. This key is useful to limit access to an item.	One or more cPanel variables.	<pre>!\$CONF{'skipawstats'} \$CPDATA{'FEATURE-AWSTATS'}</pre>
searchtext	string	A list of keywords for the item.	<ul style="list-style-type: none"> • A space-separated list of string values. • A valid cPanel variable. 	support
feature	string	A feature that the user must have access to in order for the item to display.	A valid feature name.	support
accontent	string	Additional attributes to include in the item's <a> HTML tag.	One or more valid HTML attributes.	target="_blank"
onclick	string	JavaScript to execute when a user clicks on the item's link.	Valid JavaScript code.	<pre>show_options select('leechprotect'); return false;</pre>
module	string	A module that must exist in the /usr/local/cpanel/Cpanel / directory for the item to appear.	A valid module name.	ImageManager

- [Guide to cPanel Variables](#) — The Live API system and dynamic interface files can access cPanel's global variables.
- [Tutorial - Create a New Paper Lantern Interface in PHP](#) — This tutorial uses PHP to create a new cPanel interface for the Paper Lantern theme.

touch	<i>string</i>	A touch file that must exist in the <code>/var/cpanel/dynamicui/</code> directory for the item to appear. <div style="border: 1px solid orange; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Note : This key is only available in cPanel & WHM version 11.40 and later.</p> </div>	A valid filename.	filename
imgtype	<i>string</i>	The icon type.	<div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Important: You must set this value to <code>icon</code>.</p> </div>	icon
subtype	<i>string</i>	The icon subtype.	<div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Important: You must set this value to <code>img</code>.</p> </div>	img
type	<i>string</i>	The item type.	<div style="border: 1px solid red; padding: 5px; width: fit-content; margin: 10px auto;"> <p>Important: You must set this value to <code>image</code>.</p> </div>	image

- [Tutorial - Add a Link to the cPanel Interface](#) — This tutorial adds an icon that links to an external location to the cPanel interface.
- [Guide to cPanel Plugins - Uninstall Plugins](#) — To uninstall plugins from cPanel & WHM, choose the uninstallation process according to your system's version.

file	<i>string</i>	The icon file name.	The icon's filename relative to the <code>/usr/local/cpanel/base/frontend/x3/branding</code> directory, with ut a file extension.	support
height	<i>integer</i>	The icon's height.	A positive integer that represents the icon's height, in pixels. <div style="border: 1px solid green; padding: 5px; text-align: center;"> Remember: You must set this value to 32. </div>	32
width	<i>integer</i>	The icon's width.	A positive integer that represents the icon's width, in pixels. <div style="border: 1px solid green; padding: 5px; text-align: center;"> Remember: You must set this value to 32. </div>	3