

Guide to Template Toolkit

Guide to Template Toolkit in cPanel & WHM

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Introduction

Template Toolkit is the main template system for the cPanel and WHM interfaces. This system uses the [Template Toolkit Perl library](#) to create templates that can, for example, perform calls to the cPanel APIs and UAPI.



Note:

- Whenever you customize existing template files, we **strongly** recommend that you back up all of the files **before** you edit them.
- This documentation focuses on cPanel & WHM-specific uses of Template Toolkit files. If you have not used Template Toolkit previously, we recommend that you start with [template-toolkit.org's Template::Tutorial::Web tutorial](#).

Access the Template Toolkit system

Use `cptt` tags to access the Template Toolkit system from HTML files. `cptt` tags reference a file that is relative to the `/usr/local/cpanel/base/frontend/theme` directory, where `theme` represents the cPanel theme (`paper_lantern` or another valid theme on the server).

For example, to call the `/usr/local/cpanel/base/frontend/paper_lantern/templatefile.tpl` file from within an HTML file, use the following code in a Paper Lantern theme page:

```
<?cptt templatefile.tpl ?>
```



Note:

HTML files and the `.tpl` files that they call **must** exist in the same directory.

About Template Toolkit

- *Template Toolkit is a collection of Perl modules that create a template system for dynamic webpages.*
- *cPanel & WHM uses Template Toolkit to generate many parts of the user interface.*

Compatible with:

- cPanel & WHM 11.28+

APIs:

- [UAPI](#) (11.42+)
- [cPanel API 2](#) (11.40+)
- [cPanel API 1](#) (11.42+)

External Resources

- [template-toolkit.org](#)
- [The Template Toolkit Manual](#)

Related Documentation

- [Guide to Template Toolkit](#)
— Template Toolkit is the main template system for the cPanel and WHM interfaces.
- [Guide to Template Toolkit - API Calls from Template Toolkit](#)
— cPanel & WHM uses template files to construct interfaces that call cPanel's APIs.
- [Guide to Template Toolkit - Localization in Template Toolkit](#)
— Use localization in Template Toolkit files to produce dynamic interfaces in multiple languages.
- [Guide to Package Extensions - Template Files](#)
— Package extensions use Template Toolkit (.tt2) files to display variable forms in the WHM interface.
- [Guide to cPanel Variables](#) — The LiveAPI system and `dynamicui` files can access cPanel's global variables.