

Developer Documentation Home

Developer Documentation

New to developing for cPanel & WHM? Our [Quickstart Development Guide](#) will guide you in the right direction for your project.

API Documentation

[UAPI](#)

[cPanel API 2](#)

[WHM API 1](#)

[Manage2 API](#)

Deprecated APIs

[cPanel API 1](#)

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Development Guides

[Guide to Testing Custom Code](#) — *This guide explains the basics of how to test your custom code.*

[Guide to cPanel Interface Customization and Branding](#) — *You can use several different methods to modify the appearance of the cPanel interface.*

[Guide to cPanel Plugins](#) — *cPanel plugins add new functionality to the cPanel interface.*

[Guide to WHM Plugins](#) — *WHM plugins add new functionality to the WHM interface.*

[Guide to WHM dynamicui Files](#) — *WHM themes use dynamicui files to display icons and groups.*

[Guide to Template Toolkit](#) — *Template Toolkit is the main template system for the cPanel and WHM interfaces.*

[Guide to Site Publisher Templates](#) — *You can create your own custom templates for cPanel's Site Publisher feature.*

[Guide to API Authentication](#) — *cPanel & WHM supports several API authentication methods.*

[Guide to Standardized Hooks](#) — *Standardized Hooks trigger applications when cPanel & WHM performs an action.*

[Guide to Package Extensions](#) — *Package extensions add custom fields to packages and accounts.*

[Guide to Perl in cPanel & WHM](#) — *cPanel & WHM ships with multiple Perl environments.*

[Guide to cPanel Variables](#) — *The LiveAPI system and dynamicui files*

can access cPanel's global variables.

Guide to Locales — The locale system localizes text in Perl, Template Toolkit, or JavaScript code.

Guide to the LiveAPI System — The LiveAPI System provides environments for applications in the cPanel interface.

Guide to Custom dnsadmin Plugins — Custom `dnsadmin` plugins can update DNS records on external systems.

Guide to API Privilege Escalation — To run a function with escalated privileges, call a function through the `Call` method or use the `send_cpw_rapid_request` pluggable wrapper.

Guide to External Authentication — External Authentication modules allow users to log in through OpenID Connect-compliant identity providers.

Guide to cPanel Market Provider Modules — This document explains how to create a third-party custom cPanel Market provider module with basic functionality.

Guide to Transfer and Restore API Functions — The system uses several WHM API 1 functions during the transfer and restore process.

Guide to Report Receiver APIs for the ModSecurity Rule Reports — This document describes report receiver API endpoints for the ModSecurity™ Rule Reports.

Tutorials

Create a Custom cPanel Style — This tutorial creates a custom cPanel style, and applies it to the cPanel interface.

Create a New Paper Lantern Interface in Template Toolkit — This tutorial uses Template Toolkit to create a new cPanel interface for the Paper Lantern theme.

Create a New Paper Lantern Interface in PHP — This tutorial uses PHP to create a new cPanel interface for the Paper Lantern theme.

Add a Link to the cPanel Interface — This tutorial adds an icon that links to an external location to the cPanel interface.

Call UAPI's `SSL::install_ssl` Function in Custom Code — This tutorial creates custom code to call UAPI's `SSL::install_ssl` function.

Use UAPI's `Fileman::upload_files` Function in Custom Code — This tutorial explains the process to upload files with UAPI's `Fileman::upload_files` function.

Create a Standardized Hook — This tutorial adds custom hooks to preserve a customized configuration file.

Create an Integration Link — Integration links create a link in a user's cPanel interface.

Create a ModSecurity Vendor — This tutorial describes how to create a custom ModSecurity™ vendor.

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Resources

[XML-API PHP Class](#)

[PublicAPI Perl Repository](#)

[cPanel API Call Tracer](#)

[PublicAPI PHP Repository](#)

[Third-Party Libraries](#)

cPanel Developers Forum

If you have questions or need help with your customization project, join the conversation on our [cPanel Developers Forum](#), or send an email to integration@cpanel.net.

We encourage anyone who develops for cPanel products to [read the cPanel Blog](#), and join our Plugin Developers mailing list.