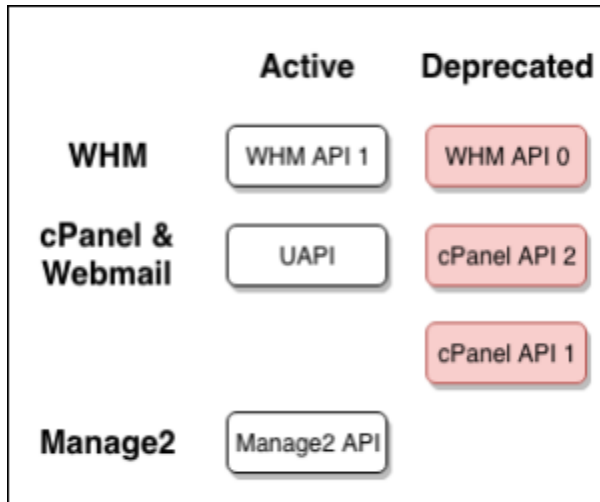


Developer Documentation Home

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](#)

[WHM API 0](#)

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_cpwrapd_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.*

Guide to Replacing cPanel API 1 functions with UAPI equivalents — *This document lists the UAPI functions which replace previously-deprecated cPanel API 1 functions.*

Tutorials

Create a Custom cPanel Style — *This tutorial creates a custom cPanel style and applies it to the cPanel or Webmail interfaces.*

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.*

Developer 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.