

Guide to the LiveAPI System

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PHP Class

Perl Module

LiveAPI Methods

api()

api1()

api2()

cpanelfeature()

cpanelif()

cpanellangprint()

cpanelprint()

debug_log()

debug_log_json()

end()

exec()

fetch()

footer()

get_debug_level()

get_debug_log()

get_result()

header()

new()

set_debug()

uapi()

Introduction

The LiveAPI System provides environments for applications in the cPanel interface. Each environment provides a way for your code to interact locally with the cPanel binary, `cpssrvd`. This allows you to make cPanel API 1, cPanel API 2, and UAPI function calls via the `socket`.

- Each LiveAPI class provides common elements to integrate with cPanel & WHM.
- When you use these environments, the authenticated user executes the functions. Because of this, calls may fail if the authenticated user does not have adequate permissions.

Important:

You **cannot** use the LiveAPI system to call WHM API 0 or WHM API 1 functions.

Note:

cPanel & WHM version 11.28 and earlier used the LivePHP system, which provided similar functionality, but was specific to the PHP programming language.

LiveAPI environments

cPanel & WHM provides the following classes for the LiveAPI system:

- [The LiveAPI PHP Class](#) — The LiveAPI PHP Class provides an environment for PHP applications.
- [The LiveAPI Perl Module](#) — The LiveAPI Perl Module provides an environment for Perl applications.

While cPanel does not currently provide classes for them, the LiveAPI system also supports the following languages:

- Ruby
- Python
- Other languages, through custom CGI wrappers.

Note:

You can use CGI with the [LiveAPI Perl module](#). The `root` user **must** own CGI scripts, and the scripts **must** have `0755` file permissions.

Requirements

Applications that use a LiveAPI environment **must** meet the following requirements:

- The code **must** include the appropriate environment and **instantiate** the respective class's object.
- File names **must** end with the appropriate file extension:
 - PHP — `.livephp` or `.live.php`
 - Perl — `.livepl` or `.live.pl`
 - Ruby — `.liverb` or `.live.rb`
 - Python — `.livepy` or `.live.py`
 - CGI — `.livecgi` or `.live.cgi`
- Files, or symlinks to the relevant files, **must** exist in the `/usr/local/cpanel/base/frontend/theme/` directory, where `theme` is the cPanel theme (`paper_lantern` or another valid theme on the server).

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- [Guide to the Live API System](#)

— The Live API System provides environments for applications in the cPanel interface.

- [Guide to the Live API System - PHP Class](#)

— The Live API PHP Class provides an environment for PHP applications.

- [Guide to the Live API System - Perl Module](#)

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The Live API Perl Module provides an environment for Perl applications.

- [Guide to the Live API System - The api\(\) Method](#)

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The `api()` method executes a cPanel API 1 or cPanel API 2 function.

- [Guide to the Live API System - The cpanelfeature\(\) Method](#) — The cpanelfeature() method is a wrapper for the feature_tag, which checks whether the authenticated user has access to a feature.