

# Tutorial - Create a New Paper Lantern Interface in PHP

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## Introduction

This tutorial uses PHP to create a new cPanel interface for the Paper Lantern theme. The examples below use the Paper Lantern theme's master template, which creates new interfaces that integrate seamlessly with the appearance of the main cPanel interface.

### Notes:

- For help to create a new cPanel interface in Template Toolkit, read our [Create a New Paper Lantern Interface](#) tutorial.
- For help to create a new WHM interface in PHP, read our [Create a New WHM Interface in PHP](#) tutorial.

## Create a new Paper Lantern interface

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### Create a PHP file and connect to the LiveAPI system.

To begin, create a new PHP file. This file **must** use the `.live.php` file extension.

In the example below:

- Line 2 instantiates the `CPANEL` object, which ensures that the file uses the LiveAPI PHP class.
- Line 3 uses the LiveAPI `new()` method to connect to cPanel & WHM.
- Line 7 uses the LiveAPI `end()` method to disconnect from cPanel & WHM.

```
<?php
include("/usr/local/cpanel/php/cpanel.php"); // Instantiate the CPANEL object.
$cpanel = new CPANEL();
// Connect to cPanel - only do this
once.
?>

<?php
$cpanel->end();
// Disconnect from cPanel - only do this
once.
?>
```

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### Add Paper Lantern's header and footer.

## In this tutorial

## Related documentation

- Tutorial - Customize the WHM User Interface with CSS — This tutorial customizes the appearance of a WHM interface theme.

## New Paper Lantern Interface in PHP

- Tutorial - Add a Link to the cPanel Interface
- Tutorial - Use UAPI's Fileman::upload\_files Function in Custom Code
- Tutorial - Create an Integration Link
- Tutorial - Localize Text in cPanel Plugins
- Tutorial - Create a New WHM Interface in Template Toolkit
- Tutorial - Register a WHM Plugin with AppConfig
- Tutorial - Create a New WHM Interface in PHP
- Tutorial - Create Custom-Branded Login Pages

Use the `header()` and `footer()` methods to add Paper Lantern's header and footer to the interface.

In the example below:

- Line 4 uses the LiveAPI `header()` method to add Paper Lantern's header to the top of the interface, and set `Page Heading` as the page title.
- Line 8 uses the LiveAPI `footer()` method to add Paper Lantern's footer to the bottom of the interface.

```
<?php
include("/usr/local/cpanel/php/cpanel.php"); // Instantiate the CPANEL object.
$cpanel = new CPANEL();
// Connect to cPanel - only do this once.
print $cpanel->header( "Page Heading , app_key" ); // Add the header.
?>

<?php
print $cpanel->footer();
// Add the footer.
$cpanel->end();
// Disconnect from cPanel - only do this once.
?>
```

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### Add a UAPI function.

The LiveAPI `uapi()` method calls UAPI functions.

In the example below, lines 7 through 14 use LiveAPI's `uapi()` method to call UAPI's `DomainInfo::domains_data` function.

- Tutorial - Create Custom-Branded Login Pages — This tutorial creates server-wide custom login pages for the cPanel, WHM, or Webmail interfaces.
- Guide to the LiveAPI System — The LiveAPI System provides environments for applications in the cPanel interface.

```

<?php
include("/usr/local/cpanel/php/cpanel.p
hp"); // Instantiate the CPANEL object.
$cpanel = new CPANEL();
// Connect to cPanel - only do this
once.
print $cpanel->header( "Page Heading" );
// Add the header.
?>

<?php
$get_userdata = $cpanel->uapi(
// Get domain user data.
    'DomainInfo', 'domains_data',
    array(
        'format' => 'hash',
    )
);
?>

<?php
print $cpanel->footer();
// Add the footer.
$cpanel->end();
// Disconnect from cPanel - only do this
once.
?>

```

- [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](#) — The Live API Perl Module provides an environment for Perl applications.