

Application Manager

([cPanel >> Home >> Software >> Application Manager](#))

Overview

This interface allows you to deploy Ruby applications with the [Phusion Passenger®](#) application server. A Phusion Passenger server functions as a process manager, reverse proxy, and provides operations tools to its users.

To deploy an application, the following conditions **must** exist on your server:

- Your server **must** run EasyApache 4.
- Your hosting provider **must** install the following Apache modules:
 - The `ea-ruby24-mod_passenger` module.



Note:

This module disables Apache's `mod_userdir` module.

- The `ea-ruby24-ruby-devel` module.
- The `ea-apache24-mod_env` module.



Note:

This module allows you to add environment variables when you register your application. For more information about environment variables, read the [Environment Variables](#) section below.

- Your hosting provider **must** also enable the *Application Manager* feature in WHM's [Feature Manager](#) interface ([WHM >> Home >> Packages >> Feature Manager](#)).

Create an application

You **must** create an application **before** you register it in the *Application Manager* interface. For example, you could perform one of the following actions:

- Clone an existing application from GitHub with our [Git Version Control](#) interface ([cPanel >> Home >> Files >> Git™ Version Control](#)).
- Create a new application on your server. For an example of how to do this, read our [How to Install a Redmine Web Application](#) documentation.



Warning:

Applications that you create with the following interfaces will **not** function with the *Application Manager* interface:

- cPanel's [Ruby on Rails](#) interface ([cPanel >> Home >> Software >> Ruby on Rails](#)).
- cPanel's [RubyGems](#) interface ([cPanel >> Home >> Software >> RubyGems](#)).
- The *Ruby Gem installer* in WHM's [Module Installers](#) interface ([WHM >> Home >> Software >> Module Installers](#)).

We plan to remove these interfaces in a future cPanel & WHM version.

Register an application

To register an application, perform the following steps:

1. Click *Add Application*. A new interface will appear.
2. Enter the application's name in the *Name* text box.
3. From the *Domain* menu, select the main domain, addon domain, or subdomain to which to deploy the Ruby application.
4. Enter the application's base URL in the *Application URL* text box. After you register the application, enter this URL in a web browser to access the application.
5. Enter the filepath, relative to the home directory, for the file where your application's source code resides in the *Path to Application* text box.
6. Click *Production* or *Development* to choose the server environment in which the Ruby application runs.
 - Click *Development* if you need to continue to develop your application.
 - Click *Production* if you wish to deploy and use your application.
7. If you wish, [add environment variables](#) under the *Environment Variables* heading.
8. Click *Save Application*.

Environment Variables

In This Document

Related Documentation

- [Ruby on Rails](#)
- [RubyGems](#)
- [Application Manager](#)

For Hosting Providers

- [Guide to Ruby Installations - Uninstall Ruby - rpm](#)
- [Guide to Ruby Installations - Uninstall Ruby - Manual Compilation](#)
- [Guide to Ruby Installations - Requirements](#)
- [Guide to Ruby Installations - Install Ruby](#)
- [Guide to Ruby Installations - Troubleshoot](#)

**Warning:**

To add environment variables, your system administrator **must** install the `ea-apache24-mod_env` RPM Apache module.

Environment variables allow you to configure the processes that the application runs on multiple systems.

The *Environment Variables* table contains the following information:

Column	Description
<i>Name</i>	The environment variable's name. <div> Important: An environment variable name must meet the following criteria:<ul style="list-style-type: none">The name can only contain letters, numbers, underscores, and dashes.The name must contain 256 characters or fewer.The name cannot begin with a number.</div>
<i>Value</i>	The environment variable's value. <div> Important: An environment variable value must contain 1024 or fewer ASCII-printable characters.</div>
<i>Actions</i>	Use the links in this column to perform the following actions: <ul style="list-style-type: none"><i>Edit</i>— Edit the environment variable.<i>Delete</i>— Delete the environment variable.

For more information about environment variables, read Passenger's [Environment Variables](#) documentation.

Add environment variables

To add an environment variable to the application's configuration file, perform the following steps:

1. In the *Environmental Variables* section, click *Add Variable*.
2. Enter the variable's name in the *Environment Variable Name* text box.
3. Enter a value for the variable in the *Environment Variable Value* text box and click *Save*.
4. Click *Save Application*.

Edit an application

To edit an application's configuration file, perform the following steps:

1. In the table below the *Search* text box, locate the Ruby application that you wish to change.
2. Under the *Actions* column, click *Edit*. A new interface will appear.
3. Make the desired changes.
4. Click *Save*.

Unregister an application

To unregister an application, perform the following steps:

**Important:**

This action deletes an application's configuration file, but does **not** delete an application.

1. In the table below the *Search* text box, locate the application that you wish to unregister.
2. Click *Delete*. A confirmation message will appear.
3. Click *Continue* to completely unregister the application. A success message will appear.