

# Guide to Git - How to Set Up Deployment Cron Jobs

## Guide to Git

Git Terms

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## In This Document

Locate the repository's directory.  
Use the Cron Jobs interface to configure your cron job.

## Overview

If you wish to deploy the contents of a cPanel-managed repository on a schedule, you can set up deployment cron jobs. Cron jobs allow you to configure the system to run a specified command automatically at a specified interval.

For more information about deployment, read our [Guide to Git - Deployment](#) documentation.

## Set up deployment cron jobs

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### Locate the repository's directory.

In order to configure your deployment cron job, you **must** use the correct repository path.

To locate the desired repository's directory, navigate to cPanel's [Git Version Control](#) interface (*cPanel >> Home >> Files >> Git Version Control*). Then, in the list of repositories, locate the *Repository Path* value for the desired repository.

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### Use the *Cron Jobs* interface to configure your cron job.

The *Cron Jobs* interface (*cPanel >> Home >> Advanced >> Cron Jobs*) allows you to configure cron jobs.

To configure your deployment cron job, perform the following steps:

1. Select the interval at which you wish to run the cron job. You can select a commonly-used interval from the *Common Settings* menu, or

select or enter a specific interval for the following values:

- *Minute* — The number of minutes between each time that the cron job runs or the minute of each hour on which you wish to run the cron job.
- *Hour* — The number of hours between each time that the cron job runs or the hour of each day on which you wish to run the cron job.
- *Day* — The number of days between each time that the cron job runs or the day of the month on which you wish to run the cron job.
- *Month* — The number of months between each time that the cron job runs or the month in which you wish to run the cron job.
- *Weekday* — The days of the week on which you wish to run the cron job.

2. In the *Command* text box, enter the commands that you wish the system to run, for example:

```
/usr/bin/uapi VersionControlDeployment create
repository_root=/home/user/example
```

**Notes:**

- In this example, `/home/user/example` represents the repository's *Repository Path* value.
- If your server runs CloudLinux™, begin these commands with the `/usr/local/cpanel/bin/` filepath, for example:

```
/usr/local/cpanel/bin/uapi VersionControlDeployment create
repository_root=/home/user/example
```

This command calls UAPI's `VersionControlDeployment::create` function, which creates a new deployment task. This task will run the deployment commands that you specified in your `.cpanel.yml` file once.

3. Click *Add New Cron Job*.

## Additional documentation

Suggested documentation [For cPanel users](#) [For WHM users](#) [For developers](#)

- [Guide to Git - Deployment](#)
- [Guide to Git](#)
- [Guide to Git - Common Git Commands](#)
- [Guide to Git - Host Git Repositories on a cPanel Account](#)
- [Guide to Git - Git Terms](#)

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- [Guide to Git](#)
- [Guide to Git - For System Administrators](#)

## Content by label

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