

# Overview

*ctfcli* is a tool to manage Capture The Flag events and challenges.

*ctfcli* is available on [Github!](#)

*ctfcli* provides challenge specifications and templates to make it easier to generate challenges of different categories. It also provides an integration with the [CTFd](#) REST API to allow for command line uploading of challenges and integration with CI/CD build systems.

*ctfcli* features tab completion, a REPL interface (thanks to [Python-Fire](#)) and plugin support for custom commands.

## ⚠ CAUTION

*WIP: While ctfcli is heavily used by the CTFd developers, ctfcli is still considered an alpha project and changes will happen. Be sure to pin versions and read the CHANGELOG when updating.*

## Installation and Usage

*ctfcli* can be installed with `pip install ctfcli`

## Create an Event

*ctfcli* turns the current folder into a CTF event git repo. It asks for the base url of the CTFd instance you're working with and an access token.

```
> ctf init
```

```
Please enter CTFd instance URL: https://demo.ctfd.io
```

```
Please enter CTFd Admin Access Token: d41d8cd98f00b204e9800998ecf8427e
```

Installation and Usage

Create an Event

```
Do you want to continue with https://demo.ctfd.io and d41d8cd98f00b204e9800998ecf8427e  
Initialized empty Git repository in /Users/user/event/.git/
```

This will create the `.ctf` folder with the `config` file that will specify the URL, access token, and keep a record of all challenges dedicated for this event.

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