

Plugin Development: Commands

Plugins can be used to register your own `Illuminate\Console\Command` that are run on the command line interface (CLI). This is particularly useful for tasks that are resource extensive, may take a long time and you do not wish to run on the web server. Commands should be used in favour of `Illuminate\Console\Task`, which are also ran on the CLI, when the task is not recurring or needed on a schedule.

A command must extend the `Illuminate\Console\Command` class, we've included an example command below. The command has an optional argument `user`, and will initially display a greeting `Hello [user]!`. If the `user` argument is not entered, it will show `Hello world!` instead. The command will then ask how old you are, and display a line based on the age entered.

```
<?php
/** * Hello command for HelloWorld Plugin. * * @package AddonsPlugins
HelloWorldCommands * @copyright Copyright (c) 2015-2019 SupportPro (h
ttp://www.supportpro.com)
* @license http://w
ww.supportpro.com/company/eula */namespace AddonsPlugins
HelloWorldCommands;use Illuminate\Console\Command;
/** * Class Hello * * @package AddonsPluginsHelloWorldCommands * @c
o
py
right
Copyright
(c) 2015-2019 Supp
ortPro (http://www.supportpro.com)
* @license http://w
```

```

ww.supportpro.com/company/eula */class Hello extends Command{
    /** * The name and signature of the console command. * * @var string */
    protected $signature = 'hello {user?}';
    /**
     * The console command description. * * @var string */
    protected $description = 'Greetings.';
    /**
     * Execute the console command. *
     * @return mixed */
    public function handle() {
        $user = $this->argument('user') ?? 'world';
        $this->info("Hello {$user}!");
        $age = $this->ask('How old are you?');
        $this->info("Wow, you are " . $age . " years old!");
    }
}

```

The command must then be registered in the main controller constructor using the registerCommand helper.

Controllers/HelloWorld.php

```

/** * Initialise the plugin */
public function __construct() {
    parent::__construct();
    $this->setIdentifier('HelloWorld');
    // Register a console command, accessible via 'php artisan <name>'.
    $this->registerCommand(AddonsPlugins\HelloWorldCommands\Hello::class);
}

```

When the plugin that contains this command is enabled, the command can be run on the CLI (in the base SupportPro directory) by entering `php artisan hello` or `php artisan hello Joe`.

We recommend to read over the [\[redacted\]](#) for more information on what can be done with commands.

Online URL:

<https://docs.supportpro.vn/article/plugin-development-commands-229.html>