Plugin Development: Commands

Plugins can be used to register your own 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 , which are also ran on the CLI, when the task is not recurring or needed on a schedule.

A command must extend the IlluminateConsoleCommand 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 IlluminateConsoleCommand;
```

```
/** * 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{
                                                           * * @var str
  /**
      * The name and signature of the console command.
ing */ protected $signature = 'hello {user?}';
  /**
  * The con
sole command descriptio
        * @var string */ protected $description =
n.
  *
'Greetings.';
  /**
 * Execute t
he console command.
                       \ast
 * @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!"); }
```

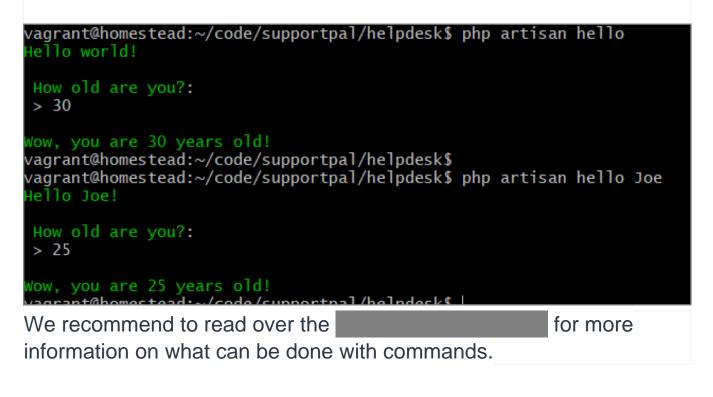
The command must then be registered in the main controller constructor using the registerCommand helper.

Controllers/HelloWorld.php

/** * Initialise the p

```
lugin */public function __construct(){ parent::__construct();
    $this->setIdentifier('HelloWorld');
    // Re
    gister a console
    command, accessible via 'php
    artisan <name>'. $this->registerCommand(AddonsPlugins
    HelloWorldCommandsHello::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.



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