

Day 16 - Dependency Injection Example / Service Container

Objective

- We have read about Dependency Injection on Day-06. We will be trying out an example today, in an attempt to use Dependency Injection by modifying an existing code without changing any functionality.

Primary Tutorial

- <http://achilleskal.com/blog/service-container-for-drupal-geeks>

Hints for Exercise

- <https://www.drupal.org/node/2203931>
- <http://drupal.stackexchange.com/questions/109849/drupal-8-get-the-updated-content-of-a-block-via-an-ajax-call>
- <https://www.drupal.org/node/2168121>

Solution

- Refrain from referring to the solution until you have attempted for an hour, and till you have read through Tutorial and Hints. Solution @ https://github.com/saitanay/d8study/blob/master/modules/examples/page_example/src/Controller/PageExampleController.php

Exercise

- Download the examples module from <https://www.drupal.org/project/examples> . It has a bunch of modules but we will be interested in the **page_example** module only, during the course of this exercise.
- The module has a **PageExampleController** defined in `src/Controller/PageExampleController.php` . The **simple()** method in this controller is responsible for rendering the url **“examples/page_example/simple”** when the module is enabled.
- Let’s modify this method by adding a line such that a log entry is made whenever this url is opened

```

3  * appropriate blocks, navigation, and styling.
4  */
5  public function simple() {
6  \Drupal::logger('page_example_module')->notice('Simple Page was displayed');
7  return array(
8  'markup' => '<p> . $this->t('Simple page: The quick brown fox jumps over the lazy dog.') . '</p>';
9  );
10 }

```

← Add this line

- **Now, this is the code we will start with for our exercise.**
- Modify the code to use dependency injection to give access to `logger.factory` service from our controller, which will be used to do the logging, instead of `\Drupal::logger`.
- The links in additional resources are a great read towards achieving this.