Ankitha Shetty

Configuration Split
Module in Drupal 8/9

Drupal Backend Developer

Ospecbee

Agenda

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- **Setup & Configuring the module**
- **Creating split directories**
- **Creating split configuration**
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Introduction

- The Drupal **Configuration Management System** is one of the best additions to Drupal 8 (and continues to be present in Drupal 9).

- In Drupal, **configuration** is the collection of admin settings that determine how the site functions, as opposed to the content of the site.

- With the **Configuration Manager** core module, you can import, export, and synchronize site configuration via **Manage > Configuration > Development > Configuration synchronization** (admin/config/development/configuration)

Configuration Split module

- Few key requirements that are missing in Drupal core configuration management system can be fulfilled by **Configuration Split** module.

- There are cases where certain configurations like modules/credentials need to be enabled only in certain environments.

- This module allows for conditional configuration by defining sets of configuration that will get exported to separate directories when exporting and gets merged together when importing.

Setup & Configuring the module

- Installing the Configuration split module is like installing any other contributed module (https://www.drupal.org/project/config_split).

- Use Composer to install as it automatically installs all of the necessary dependencies (Config Filter module). Open the terminal within the project and enter the following command:

```
$ composer require drupal/config_split
```

Creating split directories

- After installing and enabling the module, we can create one or more "splits" in which to divide up our configuration.

- Now let's take a look at the config management directories:

  The sync directory is under the config directory, which is a sibling directory to our web:
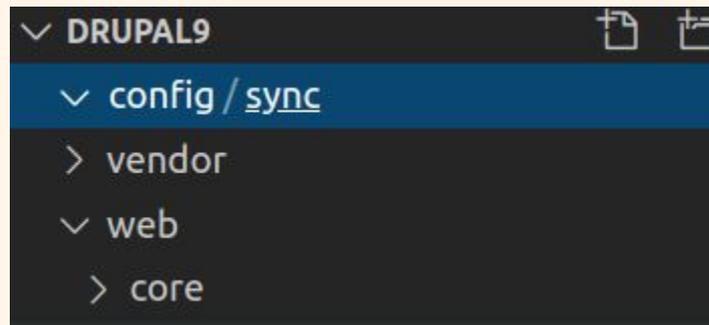
Creating split directories

To create a new directory for our development split, we create a dev directory and for live split, we create a live directory in our config directory:
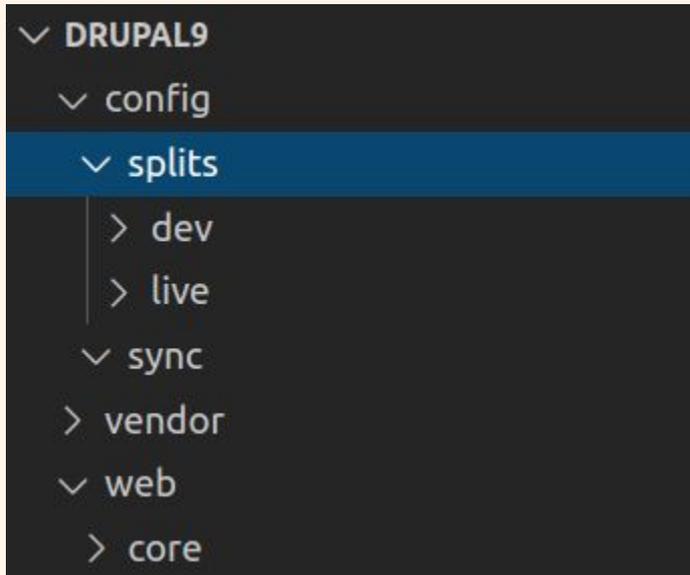
Creating split configuration

- Navigate to **Admin > Configuration > Development > Configuration Split Settings** and click on "Add Configuration Split Setting".

- Enter a Label of your choice.

- Under Static Settings, enter the web-relative path to the split directory in the folder field and uncheck "Active" checkbox.

- Click "Save" to save the new split.

Creating split configuration

Home   Administration   Configuration   Development   Synchronize

Configuration Split setting

+ Add Configuration Split setting

Configuration Split setting	Machine name	Description	Status	Operations
Dev	dev	Development environment-specific configuration.	inactive	Edit
Live	live	Live environment-specific configuration.	inactive	Edit

Creating split configuration

- Next up, let's modify our settings.php file to dynamically enable our splits based on the current environment.

```
$config['config_split.config_split.the_split_name'][
                  'status'] = TRUE;
```

Where:

the_split_name is machine name of the split we created earlier.

Creating split configuration

- Now if we look at the Config Split module's interface in our various environments, we should see that the appropriate split is enabled for each one.
  - "Dev" split is enabled in the dev environment.

Configuration Split setting ☆

+ Add Configuration Split setting

Configuration Split setting	Machine name	Description	Status	Operations
Dev	dev	Development environment-specific configuration.	active (overwritten)	Edit ∨
Live	live	Live environment-specific configuration.	inactive	Edit ∨

Creating split configuration

- "Live" split is enabled in the live environment.

Home > Administration > Configuration > Development > Synchronize

Configuration Split setting ☆

+ Add Configuration Split setting

Configuration Split setting	Machine name	Description	Status	Operations
Dev	dev	Development environment-specific configuration.	inactive	Edit ∨
Live	live	Live environment-specific configuration.	active (overwritten)	Edit ∨

Demo

Alternate module - Configuration Ignore module

- This module helps to keep the configuration we want, in place and prevent it from overriding.

- Install and enable module - https://www.drupal.org/project/config_ignore

- Go to **Manage > Configuration > Development > Configuration synchronization > Ignore** (admin/config/development/configuration/ignore), add the name of the configuration that we want to ignore upon import and click on "Save configuration".

Any Suggestions/Questions?

Thank You!