

# Day 01 - Configuration Management in D8

In this course today, we will be dealing with the basics of Configuration Management in D8. We will not be talking about Features but about the CM capabilities provided in core, which would be required on any D8 project that we would work with.

## Objective

At the end of this course, you will be able to

- export configuration from a local or Dev environment
- transfer the same by copying the files or through version control to another environment

Thereby, moving version controlled configuration across various environments.

## Primary Tutorial

<https://www.youtube.com/watch?v=-c-G53dTGy4>

## Exercise

1. Setup 2 local D8 instances. Call one site - Dev and the other - Prod (Clone the dev site to prod, rather than setting them up individually. Research issues with mismatching UUIDs)
2. Create a simple content type (say Book) with 2 fields (Title, ISBN) and create 2 nodes of content on Dev
3. Build a simple view (of page type, accessible at the url */list*) listing the book nodes
4. Export the site configuration using Drush (which includes the content type and the view) using *drush cex* command or Drupal Console using *drupal ce*
5. Copy the exported files to same directory on Prod site simulating a code pull from upstream repo.
6. Import the configuration using *drush cim* on prod site or *drupal ci*. Verify the content type and view are available on Prod.

Estimated Time : 30min

## Additional Resources

- <https://www.drupal.org/documentation/administer/config>
- [Using Drupal UI](#)
- [Using Drush](#)
- [Changing the Sync Directory Location](#)