

Steps to publish new model configuration to model catalog.

1. **Creating a new metadata.yaml file:**

- a. For publishing into the model catalog in addition of wings-component.yaml, you would have to create a metadata.yaml for additional information which are required in model configuration but not present in wings file. For Example: standard variables, variable presentation, etc.
- b. Metadata.yaml file is similar to wings-component.yaml file but it contains information regarding all the other additional information required for model-configuration.
- c. It should have a **wingsId** field which is concatenation of “wingsName” - “wingsVersion” present in the wings-component.yaml file, this would be required to check if the given metadata file corresponds to the right wings component.
- d. For Example: - If wings-component.yaml has “economic” as the name and “2.0.0” as the version then wingsId field in the metadata.yaml should be “economic-2.0.0”.
- e. **Adding a data which are already in the model-catalog:** If you want to add the existing data into the model catalog then make sure to write correct Id of the corresponding data into the metadata.yaml file.
- f. **Adding a new data into model-catalog:** If you want to add a new data to model configuration then write all the information regarding that new data. **Do not** write the Id field. After publishing metadata.yaml would already create Ids for those data which does not have Id, by creating new entry into the model catalog.
- g. A complete example of metadata.yaml file can be found in repository under the folder economic-2.0.0/metadata.yaml.

2. **Validating a created metadata.yaml file:**

- a. This step is to make sure that what you have created is correct by validating with the required schema of wings and metadata.
- b. Make sure you have both the files ready namely, wings-component.yaml and metadata.yaml.

- c. Run the command “wcm validate –profile default “path for wings-component.yaml” “path for metadata.yaml”.
  - d. If both files are correct it will give no error.
  - e. If any of the files have errors, it will print those errors so that you can correct them before publishing.
3. Publishing into the model catalog:
- a. If you have not created a profile for modelcatalog-api, please use wcm configure-mint-api command to configure the credentials of the modelcatalog-api. (Enter the username and password of the modelcatalog-api)
  - b. For publishing into the model catalog, you will have to run the following command:  
wcm publish –apiprofile <modelcatalog-api profile name> -sc economic-2.0.0
  - c. In above command “economic-2.0.0 is the directory path to the model where necessary files have been kept.