

# Deployment of new releases

## Process to deploy a new release manually:

- 1. **Create the json files using one of the following options:**
  - 1.1. **yaml templates** - this option needs to use yaml2json converter to generate json file
  - 1.2. **json templates** - use the json SW/templates/distribution.template.json or product.template.json
- 2. **Prepare distribution and product**
  - **a)** If it's a product from a **new distribution** we need to add the distribution first:
    - **add-new-distribution** using the templates in SW/templates/distribution.template.json
      - Install/Copy the template into json\_dir/distributions/distribution-name-version.json
    - **add new product** to the distribution file json\_dir/distributions/distribution-name-version.json products array  
(example of a json product item to add to the products array)

```
{ "name" : "emi.apel", "display" : "APEL publisher", "version" : "3.2.7", "apicallback" :  
"/static/SW/APEL publisher3.2.7.json", "target" : [ { "platform" : "sl5", "arch" :  
"x86_64", "repositoryURL" : "sw/production/umd/1/sl5/x86_64/base" } ] }
```

- **b)** If it's a **product from an existing distribution** we need to:
  - **add "productname.json" full data || "name"=name+version + capabilities=[] to the distribution file**
    - json\_dir/distributions/distribution-name-version.json
  - **add product to the catalog**
    - json\_dir/software-catalog.json
  - **Finally add product.json to the respective directory and create the release.json manually**
    - json\_dir/products/distribution-name/distribution-version/
    - and add the same product file to the root of the json\_dir/ with the name release.json