

# Add new product to an existing distribution

## Ways to add a new product to an existing distribution (Work in progress)

dir structure:

```
/var/www/be/  
data/ (The latest json data for the FE)   
├─ config.js  
├─ distributions/  
│   ├── CMD-ONE  
│   │   ├── 0.0.0.json  
│   │   └─ ...  
│   ├── CMD-OS  
│   │   ├── 0.0.0.json  
│   │   └─ ...  
│   └─ UMD  
│       ├── 1.0.0.json  
│       └─ ...  
├─ products/  
│   ├── CMD-ONE  
│   │   ├── 0.0.0/  
│   │   │   └─ productname.json  
│   │   └─ ...  
│   ├── CMD-OS  
│   │   ├── 0.0.0/  
│   │   │   └─ productname.json  
│   │   └─ ...  
│   └─ UMD  
│       ├── 1.0.0/  
│       │   └─ productname.json  
│       └─ ...  
├─ software-catalog.json (Complete list of products)  
├─ software-distributions.json (Complete list of distributions)  
└─  
templates/ (All the templates needed to convert yaml to json or using json directly)  
├─ product.yaml  
└─ distribution.yaml
```



```
php export-distributions.php --individual-distributions
php export-products.php
php export-products.php --individual-products
```

## 2nd approach - add the data manually to the json files

### Manually add product

```
cp release.json data/
cp release.json data/products/distribution-type/distribution-version/$productname(change this).json
```

### add product data (to the products list in distribution):

data/distributions/distribution-type/\$distribution-version.json (products[] array)

ex. of product item:

```
{
  "productId": 32,
  "name": "emi.apel",
  "version": "3.2.7",
  "capabilities": ["Accounting"],
  "status": 1
}
```

### add product full data (to the software catalog):

data/software-catalog.json (item[] array)

ex. of product item: (DON'T FORGET TO ADD A COMMA , BEFORE THE BRACKET)

```
,
{
  "name": "bdii.site-bdii",
  "version": "1.2.1",
  "documentationLinks": [],
  "target": [
    {
      "platform": "centos7",
      "arch": "x86_64",
      "repositoryURL": "sw\\production\\cmd-one\\1\\centos7\\x86_64\\updates",
      "gpgkey": "",
      "rpms": [],
      "status": 1
    }
  ],
  "capabilities": ["Client Tools"],
  "currentState": "deployed",
  "technologyProvider": "BDII",
  "contact": "email of contact",
```

```
"technicalContact": "email of contact",
"description": "text description...",
"releaseDate": "2018-11-12 12:34:40",
"majorVersion": 1,
"minorVersion": 2,
"revisionVersion": 1,
"releaseNotes": "http://gridinfo.web.cern.ch/developers/resource-bdii",
"changeLog": "Same version as in SL6\n",
"repositoryURL": "sw/production/cmd-one/1",
"distributionType": "CMD-ONE",
"distributionVersion": "1.1.0",
"softwareConfigurationLink": ""
}
```

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