

# Add new distribution

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

```
cd /var/www/be
```

### Create distribution folder:

```
mkdir data/distributions/%distribution-name%
```

### Use/Copy the template:

```
cp SW/templates/distribution.yaml ./
```

### Convert the yaml to json: (need to have node.js installed)

```
yaml2json distribution.yaml (this will create a distribution.json file in the same dir)
```

Now we have a json file:

```
distribution.json
```

### Rename it to the distribution-name:

```
mv distribution.json %distribution-version%.json  
mv %distribution-version%.json data/distributions/%distribution-name%/
```

## 1st approach - using the Database (DB)

### Add the data manually to the DB:

- Product

- Distribution product data Commands...

Examples:

```
cat create_table.sql |sqlite3 db/egi-repos-fe-test.db
```

```
sqlite3 db/egi-repos-fe-test.db ".read insert_data.sql"
```

```
sqlite3 db/egi-repos-fe-test.db "select MAX(f1) from tbl2;" ".exit"
```

```
sqlite3 db/egi-repos-fe-test.db "INSERT INTO tbl2 ('f1','f2','f3') VALUES('001','teste','ttttt');" ".exit"
```

```
INSERT INTO `distributions` (
    distributionType, distributionVersion, currentState,
    majorVersion, minorVersion, revisionVersion,
    releaseDate, created,
    lastUpdated, description,
    repositoryURL, releaseNotes,
    additionalDetails, installationNotes,
    contact, technicalContact,
    knownIssues, changeLog
)
VALUES (",,,,,,,,,,,,,,,,,,,,,,,,,");
```

## Export/prepare all the data from DB (replacing the data in data/\*)

```
$ export-full-dataset.sh
```

.....

```
php export-distributions.php
```

```
php export-distributions.php --individual-distributions (Each distribution) php export-products.php
```

```
php export-products.php --individual-products (Each product)
```

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

### Manually add distribution

#### add distribution data (to the software distributions catalog):

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

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

```
{
    "distributionType": "",
    "distributionVersion": "%version%0.0.0",
    "currentState": "deployed",
```

```
"releaseDate": "",
"description": "",
"products": [
  {
    "name": "product-name",
    "version": "0.0.0",
    "capabilities": ["Client Tools"],
    "status": 1
  }
]
```

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