

# Data Structure

## NEW implementation

- **name** : Software name
- **version** : version of the software name
- **contact** : contact name of the software
- **technicalContact**: technical contact name of the developer
- **description** : Software shor description
- **releaseDate** : Date of the release deployed in UMD/CMD etc.
- **majorVersion** : Major version of the release
- **minorVersion** : Minor version of the release
- **revisionVersion** : Revision version of the release
- **releaseNotes** : Descriptiopl or link to the relase notess
- **changeLog** : Change log description or link to change log
- **documentationLinks** : Documentation link for the software
- **distributionType** ": [retrieved from distribution list]
- **distributionVersion**: [retrieved from distribution distributed version list]
- ~~**MajordistributionVersion**: [retrieved from distribution distributed version list]~~
- **capabilities** : [retrieved from capabilities definition list]
- **target**:  
["platform": "centos7"];  
["arch": "x86\_64"];  
[repositoryURL": "sw/production/umd/4/centos7/x86\_64/updates]
- **softwareConfigurationLink** : link for the UMD/CMD software configuration
- ~~**softwareConfigurationManagement** : link for the UMD/CMD software configuration~~

## target

### platform

- centos 7
- centos 8
- centos 9
- ubuntu 18
- ubuntu 20
- Docker

# arch

- X86\_64

## Capabilities

(list of possible capabilities)

- **Accounting**
- **Authorization**
- **Attribute Authority**
- **Client Tools**
- **Credential Management**
- **Data Access**
- **File Access, File Transfer**
- **Interactive Job Management**
- **Information Model**
- **Information Discovery**
- **Job Execution**
- **Metadata Catalogue**
- **Parallel Job**
- **Storage Management**

## distributionType

- **UMD**
- **CMD-OS**
- **CMD-ONE**
- **Community**

## MajordistributionVersion

- 1
- 2
- 3
- 4
- 5

## OLD

- **currentState** : State of the "Production",
- **additionalDetails** : Wiki link for Known issues

- **repositoryURL** : "sw/production/umd/4/centos7/x86\_64/updates",
  - **keywords** :
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