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## **Papyrus Shared Components Descriptor**

**version 0.0.16**  
**User Guide**

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# 1 User

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## 1.1 Download

The Papyrus Components guide could be downloaded as a pdf [here](#)

## 1.2 Papyrus Components

### 1.2.1 Context

The Papyrus Components project aims at providing a shared developer environment to help to integrate additional Papyrus Component.

## 1.3 Standard Operating Procedure

- [SOP Project Component Creation](#)
- [SOP Target Platform Update](#)
- [SOP Release of a component](#)
- [SOP Add Missing License to java files](#)

## 2 SOP Component Release

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### 2.1 sop-release

#### 2.1.1 Who is in charge of?

Committer + a basic developer in order to transfer knowledge and improve the process.

#### 2.1.2 When?

when you need it, on a regular basis, every two month.

#### 2.1.3 How long?

It last at least 120mn

### 2.2 Prerequisite

#### 2.2.1 Access

Have the Hudson access to the Component tab and a committer with you to make the review and merge.

#### 2.2.2 Green

No critical bugs open for the release you are targeting.

Jobs (master,website,quality,deploy) are green

#### 2.2.3 Version

Initial version of your pom.xml, MANIFEST.MF and category.xml should match qualifier and - SNAPSHOT

#### 2.2.4 Change log

You must fill the changelog to describe the new version feature.

`/org.eclipse.papyrus-sysml/src/changes/changes.xml`

Details <https://maven.apache.org/plugins/maven-changes-plugin/changes.html>

### 2.3 Pre-Actions

You can send an email to the developers mailing list.

### 2.4 Steps

#### 2.4.1 Create a bugzilla ticket.

Bug XXXXXX - [YourComponent][release][YourTargetVersion] Release

### 2.4.2 Upgrade the version of application

use tycho-versions plugin to switch from qualifier to release, and then back from release to qualifier

```
mvn org.eclipse.tycho:tycho-versions-plugin:set-version -DnewVersion=X.Y.Z-SNAPSHOT
```

check the different pom.xml and MANIFEST.MF

You have to manually update the category.xml at /org.eclipse.papyrus-sysml/releng/org.eclipse.papyrus.sysml14.p2/category.xml

Push on gerrit the different modifications

Check the status of the gerrit job

Add a reviewer

Review and merge the change

### 2.4.3 Rerun the job Master and eventually job Website

Who: any

Goal is to use this job version as data for the promotion.

### 2.4.4 Make the release

Who: committer action

Go the hudson Component tab

Execute the job papyrus-component-deploy-eclipse

Fill the args

It should tag the release automatically, you could check it by looking at the git repository

It should also automatically execute the job papyrus-component-deploy-nexus: to deploy the artifact into the Eclipse Papyrus official Nexus

It should also automatically execute the job and papyrus-component-deploy-website

### 2.4.5 Deploy the web site

Who: uncommitter action + committer review

The new web site is available under the target/site-staging directory

Download it as a zip

Unzip it in the papyrus web git repository, under the papyrus/components/YourComponent directory

Update the root index.html with the new version of your component

```
https://git.eclipse.org/c/www.eclipse.org/papyrus-sysml.git/
```

Ask for validation for the review.

Once it is merged, you should see it 3mn here <http://www.eclipse.org/papyrus/components/MyComponent/YourTargetVersion/>

### 2.4.6 Upgrade to the next snapshot version of the application

use tycho-versions plugin

```
mvn org.eclipse.tycho:tycho-versions-plugin:set-version -DnewVersion=X.Y.Z-SNAPSHOT
```

You have to manually update the category.xml at /org.eclipse.papyrus-sysml/releng/  
org.eclipse.papyrus.sysml14.p2/category.xml

check the different pom.xml and MANIFEST.MF

Push it as new patch and make the review.

## 2.5 Post-Actions

You can send an email to the developers mailing list



## 3 SOP Add Missing License

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### 3.1 Context

Sometimes your gerrit failed due to missing license header files. This has been detected thanks to the `com.mycila.license-maven-plugin` plugin

### 3.2 How to add license in batch mode?

```
mvn license:format -Dlicense.header=/home/flefevre/gitNeon/org.eclipse.papyrus.tool
```

## 4 SOP Target Platform Creation

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### 4.1 Context

All components are based upon a set of targets platform localized at the targetplatform directory. You can update them with the Obeo plugin or directly from a maven command.

It will switch resolve all feature with the latest ones found on the different update site you are referring.

### 4.2 How to?

#### 4.2.1 Pre-requisite

You have to have a target.file at the root of your target platform plugin. You need to specify with target platform to activate through profile management.

```
mvn validate -DtargetUpdate=true -Declipse.targetrelease=neon-papyrusnightly -Decli
```

the tycho-version-bump-plugin is bound to the validate phase

-DtargetUpdate=true ensure you enforce the targetUpdate

-Declipse.targetrelease=neon-papyrusnightly -Declipse.release=neon-papyrusnightly: specify with target to update

-f targetplatform/pom.xml: specify the pom to look at