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Papyrus&co Installation

- Eclipse Update site
  - Release
  - Installation
  - Known issues

- Home made solution: Additional components
  - Release
  - Installation
  - Known issues

- Standard solution: Eclipse Market place
  - Release
  - Installation
  - Papyrus in Market place

Component release to Eclipse Update site

- Standard process release
  - Set the version
  - Populate the changelog
  - Build the update site with integration (Papyrus HIPP)
- Deploy the update site
  - Use a custom HIPP job (ex: https://hudson.eclipse.org/papyrus/view/Sysml/job/sysml-component-deploy-eclipse/)
  - To deploy to http://download.eclipse.org/modeling/mdt/papyrus/components/sysml14/oxygen

Component installation from Papyrus Update Site

- Url described from Papyrus Official Website:
  - Papyrus Oxygen:
    http://download.eclipse.org/modeling/mdt/papyrus/updates/releases/oxygen/

Name	Version
▲ □ ▥ Papyrus	
□ ⚙ Papyrus for UML	3.1.0.201709130748
□ ⚙ Papyrus for UML Developer Resources	3.1.0.201709130748
▲ □ ▥ Papyrus Examples	
□ ⚙ Papyrus Examples (Incubation)	0.0.1.201709130748
□ ⚙ Papyrus Examples (Incubation) Developer Resources	0.0.1.201709130748
▲ □ ▥ Papyrus Toolsmiths	
□ ⚙ Papyrus for Toolsmiths	1.0.0.201709130748
□ ⚙ Papyrus for Toolsmiths Developer Resources	1.0.0.201709130748

  - Papyrus SysML 1.4 Oxygen:
    http://download.eclipse.org/modeling/mdt/papyrus/components/sysml14/oxygen/

www.eclipse.org/papyrus

Papyrus Update site known issue

- Additional components missing in Papyrus oxygen update site
  - Absent from http://download.eclipse.org/modeling/mdt/papyrus/updates/releases/oxygen/
  - Easy solution:
    - Get ssh access
    - Manually modify composite update site

- Papyrus developer plugins missing from update site

Release a Papyrus Additional component

- Release process:
  - Release the update site
  - Add the url in papyrus-extra.xmi
  - Push/Merge a patch on Gerrit Papyrus Website
- Technical solution
  - Custom code org.eclipse.papyrus\plugins\infra\discovery\org.eclipse.papyrus.infra.discovery(.ui, ui.menu)
  - Point to an URL (in papyrus website)
    - Get the xmi file (https://eclipse.org/papyrus/downloads/discovery/oxygen/papyrus-extra.xmi)
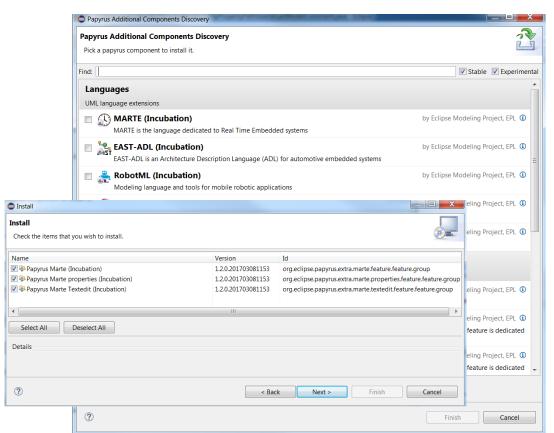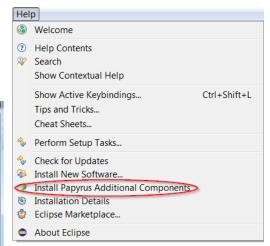
Install a Papyrus Additional component

- Select Help> Install Papyrus Additional Components

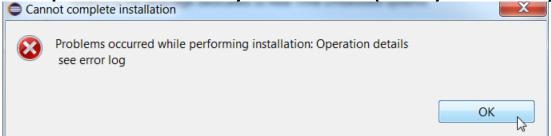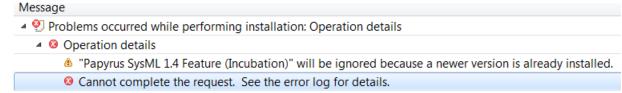- Chose Marte

- Usual update install

Some of Additional components known issues

- Try to install a component already installed (ex SysML 1.4)
  - Error popup
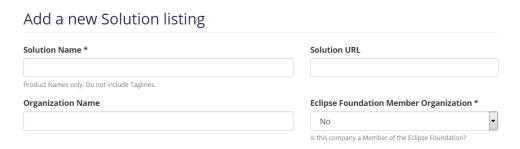

  - Explanation only present in error log

- Same problem when
  - The current platform is missing a dependency
  - The component is incompatible with the platform

- A lot of manual operation for release/communication

- All issues https://bugs.eclipse.org/bugs/buglist.cgi?list_id=16814250&product=Papyrus&short_desc=discovery&short_desc_type=allwordssubstr
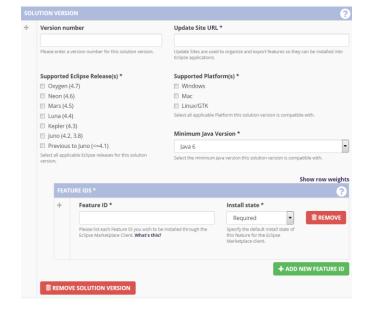
Release in Eclipse Market Place

- Release the update site

- Use a simple form to release in Eclipse Market
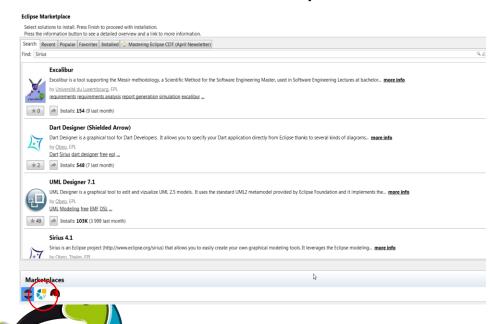 - https://marketplace.eclipse.org/node/add/resource

Add a new Solution listing

Solution Name *

Product Names only. Do not include Taglines.

Solution URL

Organization Name

Eclipse Foundation Member Organization *

No

Is this company a Member of the Eclipse Foundation?

SOLUTION VERSION

Version number

Please enter a version number for this solution version.

Update Site URL *

Update Sites are used to organize and export features so they can be installed into Eclipse applications.

Supported Eclipse Release(s) *
- Oxygen (4.7)
- Neon (4.6)
- Mars (4.5)
- Luna (4.4)
- Kepler (4.3)
- Juno (4.2, 3.8)
- Previous to Juno (<=4.1)

Select all applicable Eclipse releases for this solution version.

Supported Platform(s) *
- Windows
- Mac
- Linux/GTK

Select all applicable Platform this solution version is compatible with.

Minimum Java Version *

Java 6

Select the minimum Java version this solution version is compatible with.

Show row weights

FEATURE IDS *

Feature ID *

Please list each Feature ID you wish to be installed through the Eclipse Marketplace Client. **What's this?**

Install state *

Required

Specify the default install state of this feature for the Eclipse Marketplace client.

REMOVE

+ ADD NEW FEATURE ID

REMOVE SOLUTION VERSION

- 24h later… it's available in the market
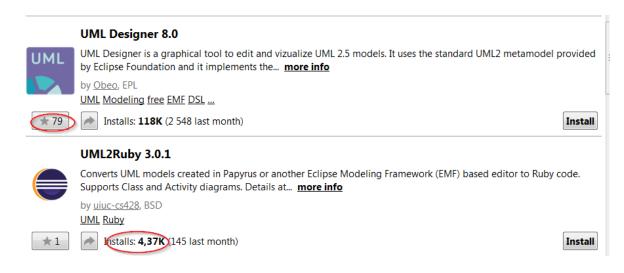
www.eclipse.org/papyrus
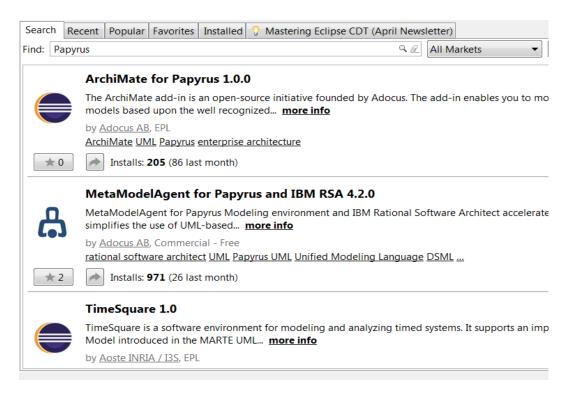
Installation from Eclipse Market Place

- https://marketplace.eclipse.org/marketplace-client-intro

- https://marketplace.eclipse.org/

- Standard (documented) installation process

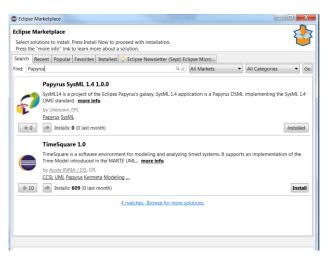- Metrics: Favorite, Number of installations

Papyrus in Market Place

- Papyrus already present ?
  - … but only partner
  - … not for UML and SysML

- A lot more
  - Visibility
  - Monthly metrics
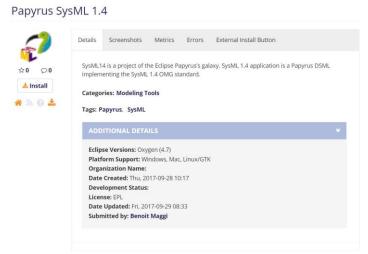 - Favorite

Usual SysML 1.4 experimentation

- https://marketplace.eclipse.org/content/papyrus-sysml-14

- No communication for the moment, still some installations during the weekend
- Work in progress:
    - Improve icon, description
    - Feedback welcome

Date	Ranking	Installs	Clickthroughs
October 2017	239/482	4 (0.05%)	3
September 2017	712/906	8 (0%)	6

Next steps

- Update Site
  - Fix Composite update site (*easy with ssh access*)
  - Allow access to more committers

- Additional Papyrus Components
  - Keep it for oxygen train
  - Announce the deprecation in papyrus-dev
  - Remove it from Papyrus Photon sources in one month

- Market Place
  - Add Papyrus
  - Add Papyrus extra/components

www.eclipse.org/papyrus