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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/oxigen>



# 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/>



# 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



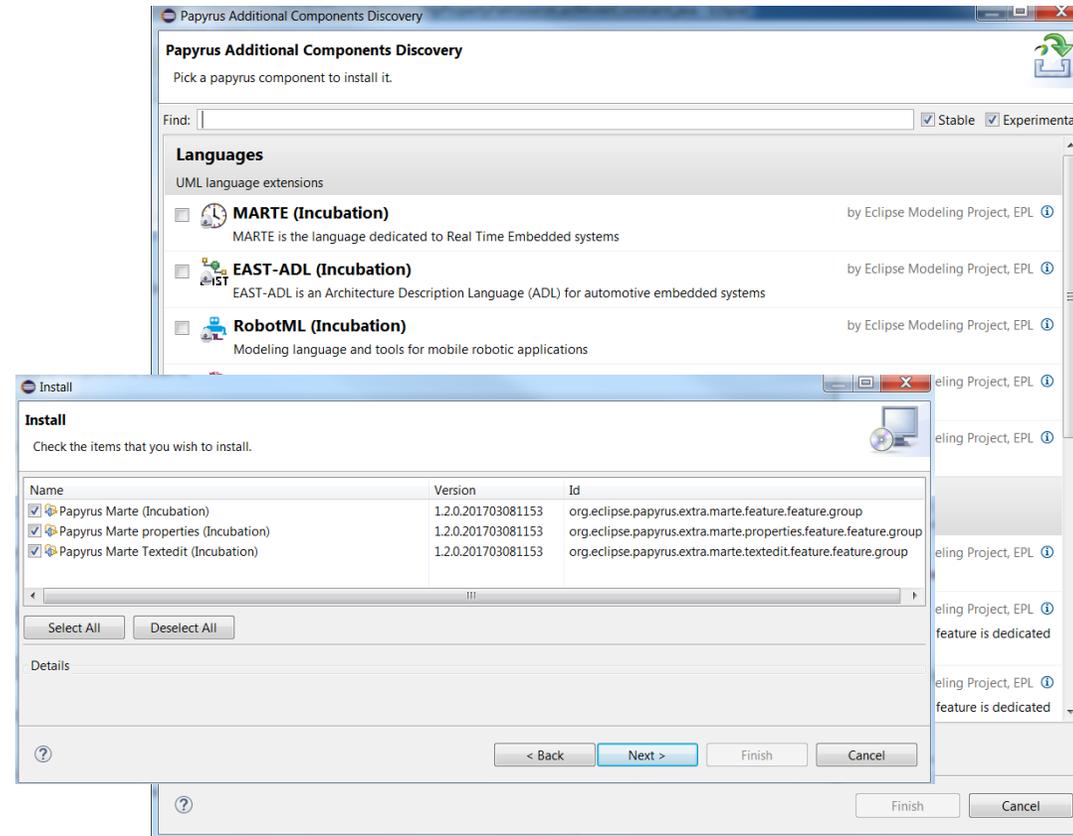
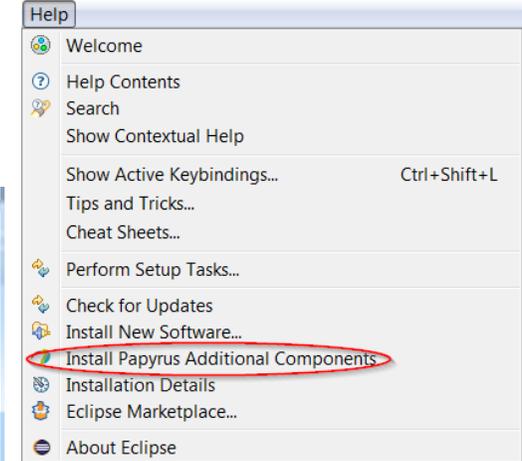
# Release a Papyrus Additional component

- 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>)



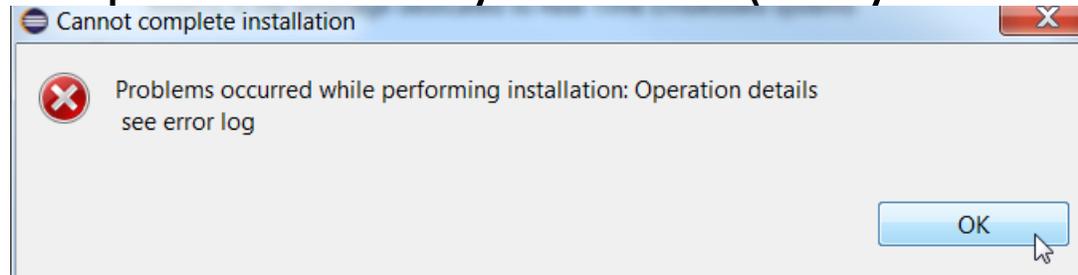
# Install a Papyrus Additional component

- Select Help > Install Papyrus Additional Components
- Chose Marte
- Usual update install

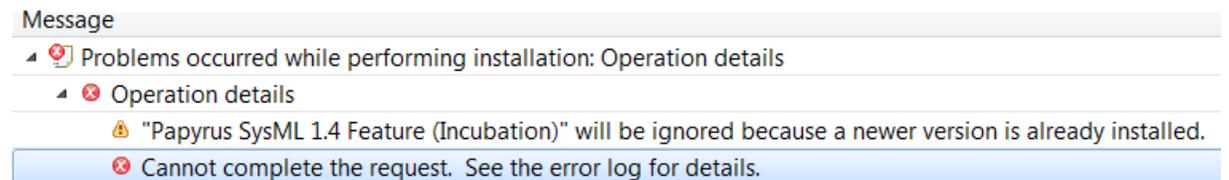


# Some of Additional components known issues

- 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](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

<b>Solution Name *</b>	<b>Solution URL</b>
<input type="text"/>	<input type="text"/>
<small>Product Names only. Do not include Taglines.</small>	
<b>Organization Name</b>	<b>Eclipse Foundation Member Organization *</b>
<input type="text"/>	<input type="text" value="No"/>
	<small>Is this company a Member of the Eclipse Foundation?</small>

- 24h later... it's available in the market

**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.

**FEATURE IDS \***

Feature ID *	Install state *	
<input type="text"/>	Required	REMOVE

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

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

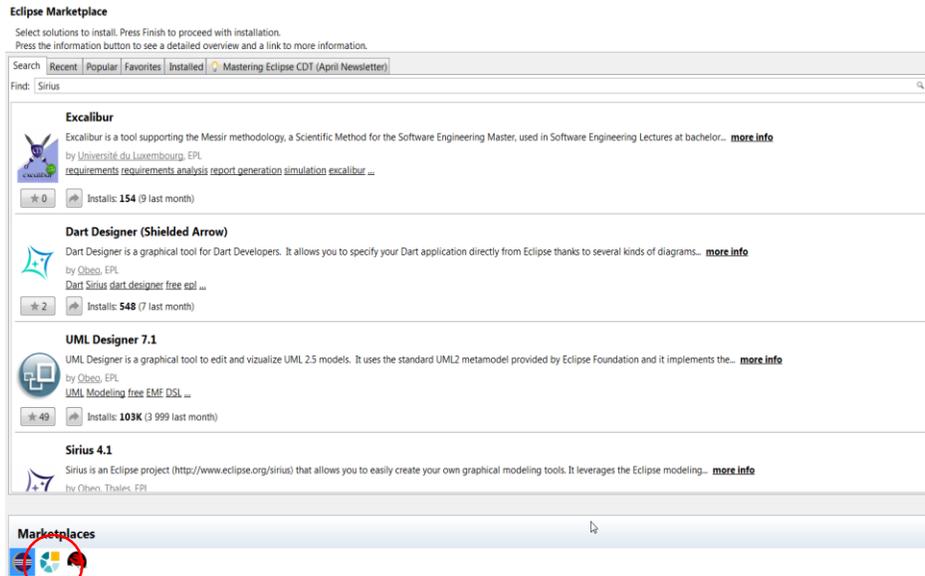
+ ADD NEW FEATURE ID

REMOVE SOLUTION VERSION



# 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



Eclipse Marketplace

Select solutions to install. Press Finish to proceed with installation.  
Press the information button to see a detailed overview and a link to more information.

Search [Recent](#) [Popular](#) [Favorites](#) [Installed](#) [Mastering Eclipse CDT \(April Newsletter\)](#)

Find: Sirius

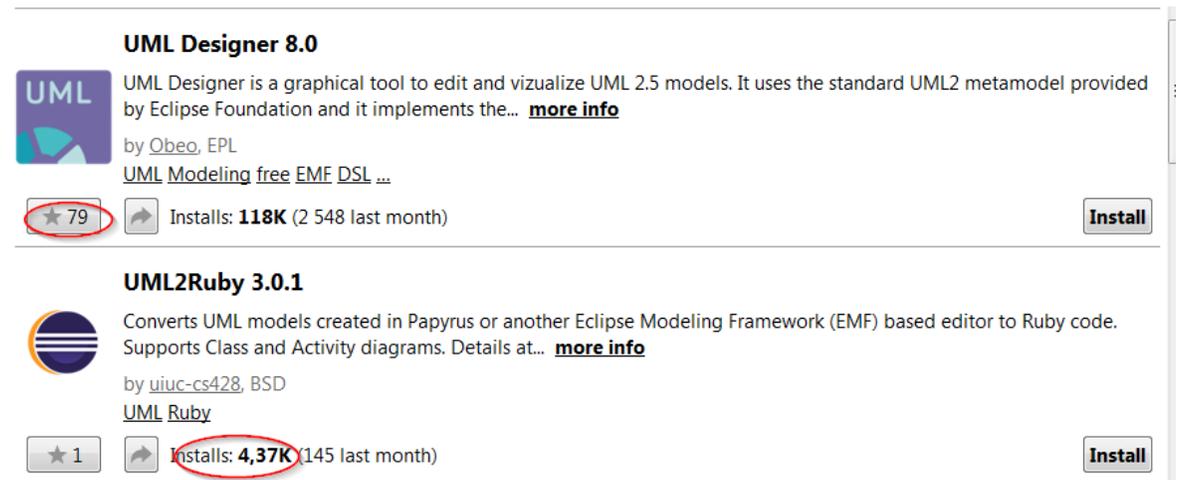
**Excalibur**  
Excalibur is a tool supporting the Messir methodology, a Scientific Method for the Software Engineering Master, used in Software Engineering Lectures at bachelor... [more info](#)  
by Université du Luxembourg, EPL  
requirements analysis report generation simulation excalibur ...  
★ 0 Installs: 154 (9 last month)

**Dart Designer (Shielded Arrow)**  
Dart Designer is a graphical tool for Dart Developers. It allows you to specify your Dart application directly from Eclipse thanks to several kinds of diagrams... [more info](#)  
by Obeo, EPL  
Dart Sirius dart designer free epl ...  
★ 2 Installs: 548 (7 last month)

**UML Designer 7.1**  
UML Designer is a graphical tool to edit and visualize UML 2.5 models. It uses the standard UML2 metamodel provided by Eclipse Foundation and it implements the... [more info](#)  
by Obeo, EPL  
UML Modeling free EMF DSL ...  
★ 49 Installs: 103K (3 999 last month)

**Sirius 4.1**  
Sirius is an Eclipse project (<https://www.eclipse.org/sirius/>) that allows you to easily create your own graphical modeling tools. It leverages the Eclipse modeling... [more info](#)  
by Obeo, Thales, EPL

Marketplaces

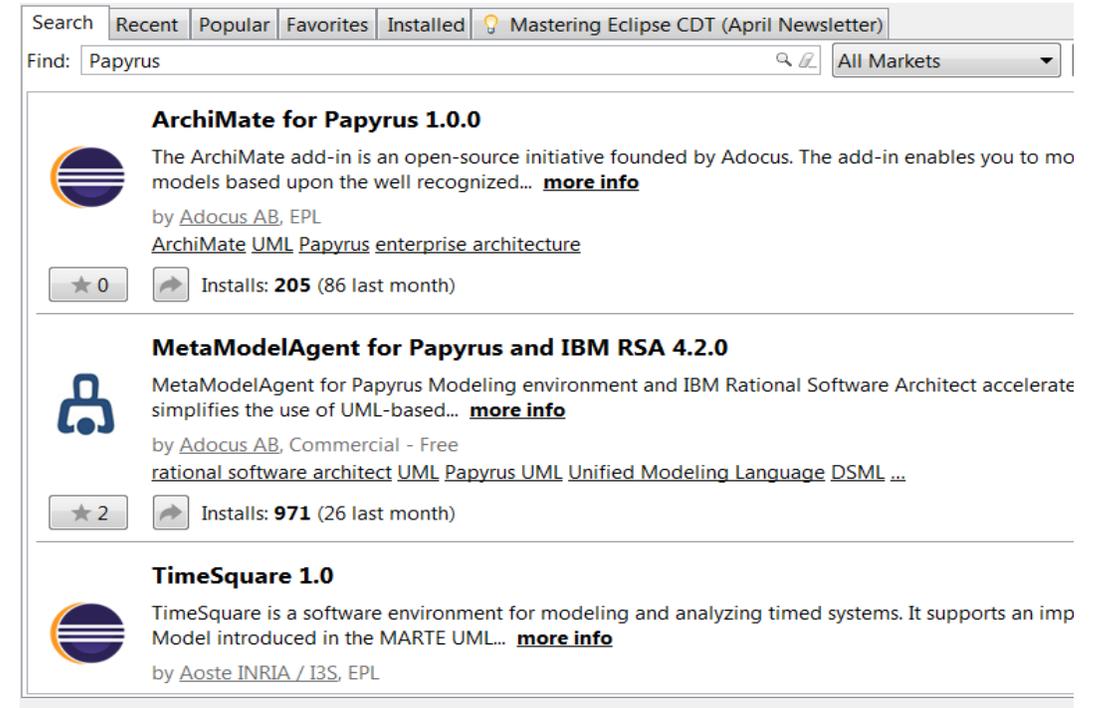


**UML Designer 8.0**  
UML Designer is a graphical tool to edit and visualize UML 2.5 models. It uses the standard UML2 metamodel provided by Eclipse Foundation and it implements the... [more info](#)  
by Obeo, EPL  
UML Modeling free EMF DSL ...  
★ 79 Installs: 118K (2 548 last month) [Install](#)

**UML2Ruby 3.0.1**  
Converts UML models created in Papyrus or another Eclipse Modeling Framework (EMF) based editor to Ruby code. Supports Class and Activity diagrams. Details at... [more info](#)  
by uiuc-cs428, BSD  
UML Ruby  
★ 1 Installs: 4,37K (145 last month) [Install](#)

# Papyrus in Market Place

- Papyrus already present ?
  - ... but only partner
  - ... not for UML and SysML
- A lot more
  - Visibility
  - Monthly metrics
  - Favorite



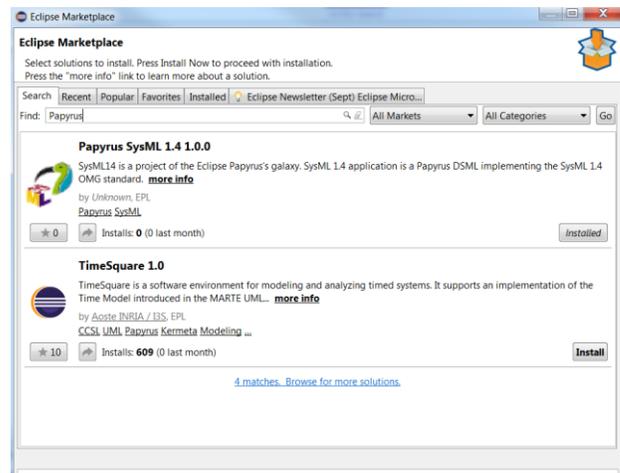
The screenshot shows the Eclipse Marketplace interface with the search term 'Papyrus'. The results are filtered by 'All Markets'. Three add-ins are listed:

- ArchiMate for Papyrus 1.0.0**: The ArchiMate add-in is an open-source initiative founded by Adocus. The add-in enables you to model models based upon the well recognized... [more info](#)  
by [Adocus AB](#), EPL  
[ArchiMate UML](#) [Papyrus enterprise architecture](#)  
★ 0 Installs: **205** (86 last month)
- MetaModelAgent for Papyrus and IBM RSA 4.2.0**: MetaModelAgent for Papyrus Modeling environment and IBM Rational Software Architect accelerate simplifies the use of UML-based... [more info](#)  
by [Adocus AB](#), Commercial - Free  
[rational software architect UML](#) [Papyrus UML](#) [Unified Modeling Language DSML ...](#)  
★ 2 Installs: **971** (26 last month)
- TimeSquare 1.0**: TimeSquare is a software environment for modeling and analyzing timed systems. It supports an imp Model introduced in the MARTE UML... [more info](#)  
by [Aoste INRIA / I3S](#), EPL

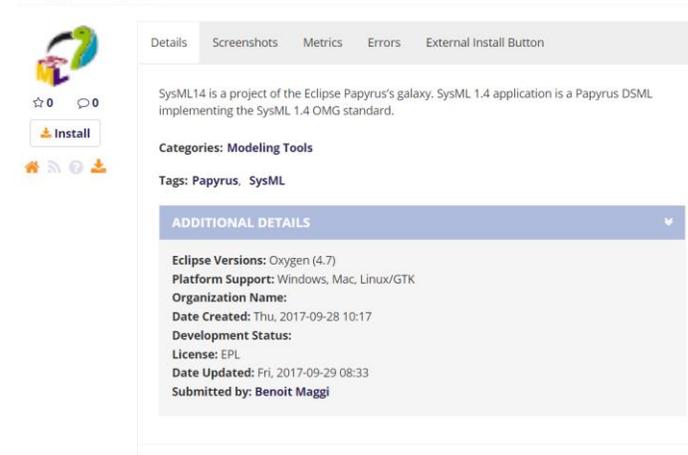


# Usual SysML 1.4 experimentation

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



## Papyrus SysML 1.4



- 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

