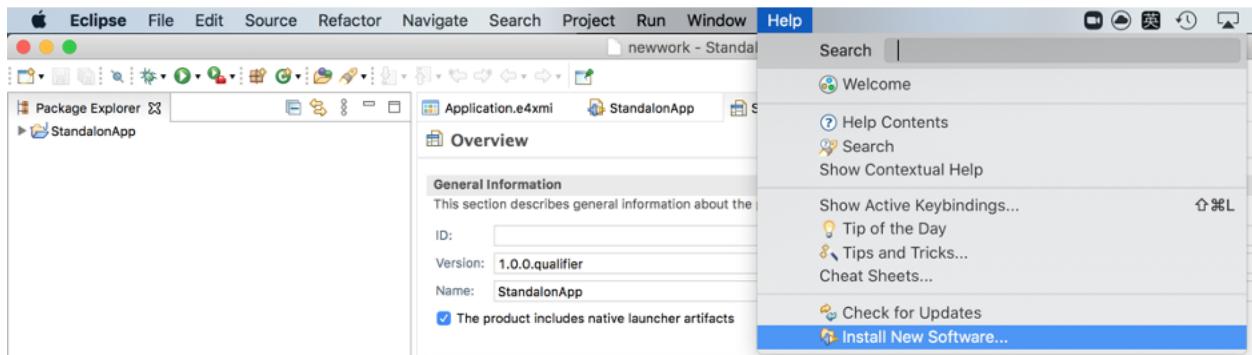


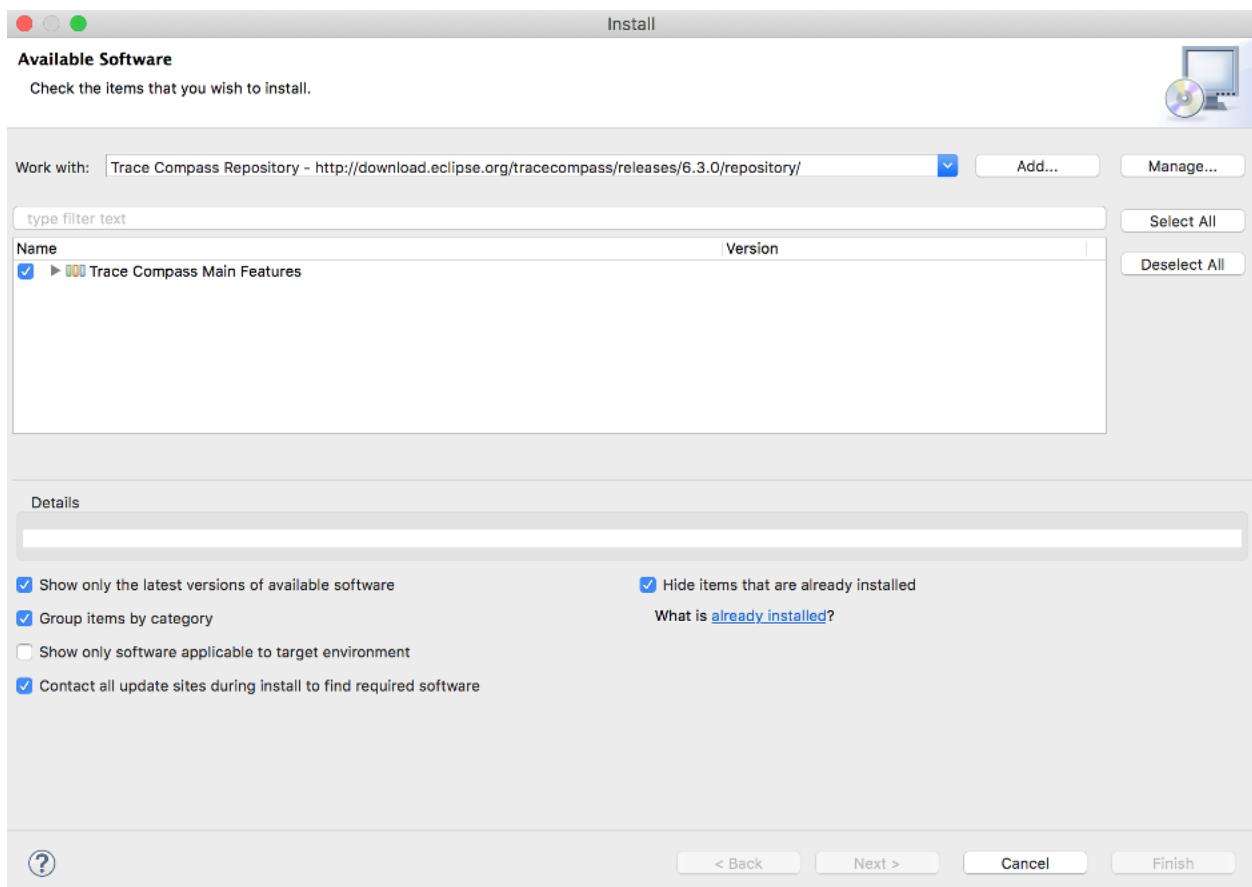
Old version:

1. Download latest eclipse from <https://www.eclipse.org/downloads/> or <https://download.eclipse.org/eclipse/downloads/>
2. Install new software in help



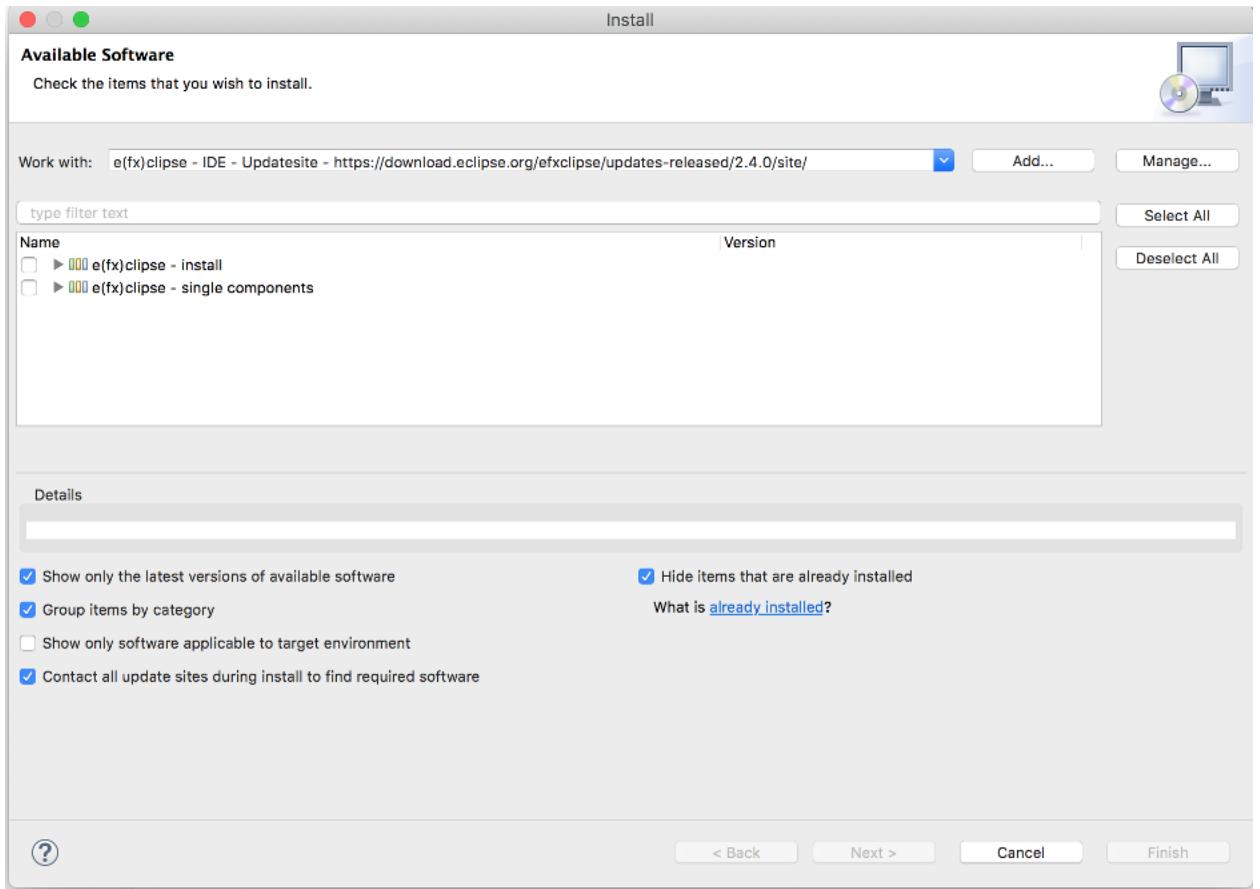
3. Download Tracecompass:

<http://download.eclipse.org/tracecompass/releases/6.3.0/repository/>

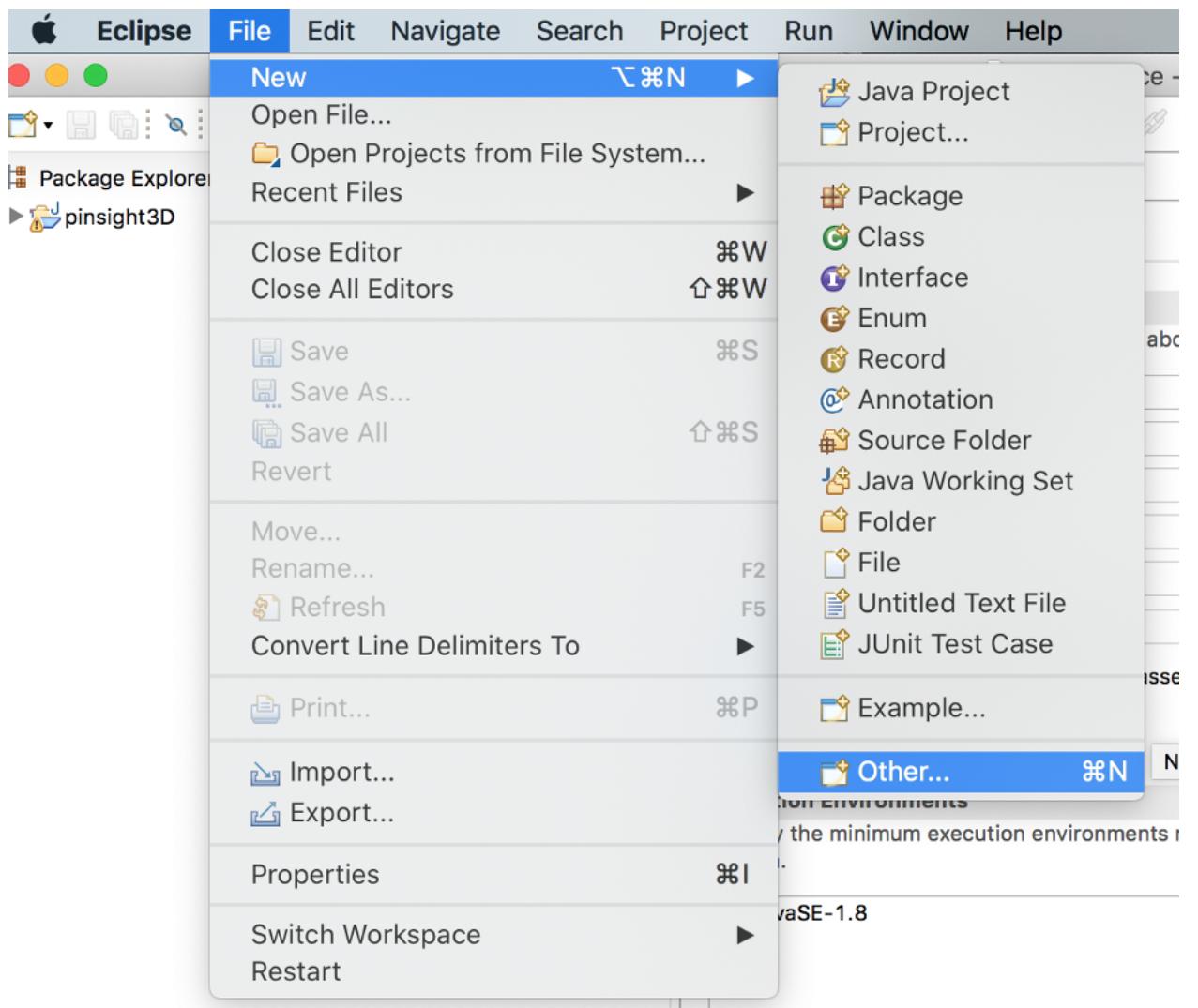


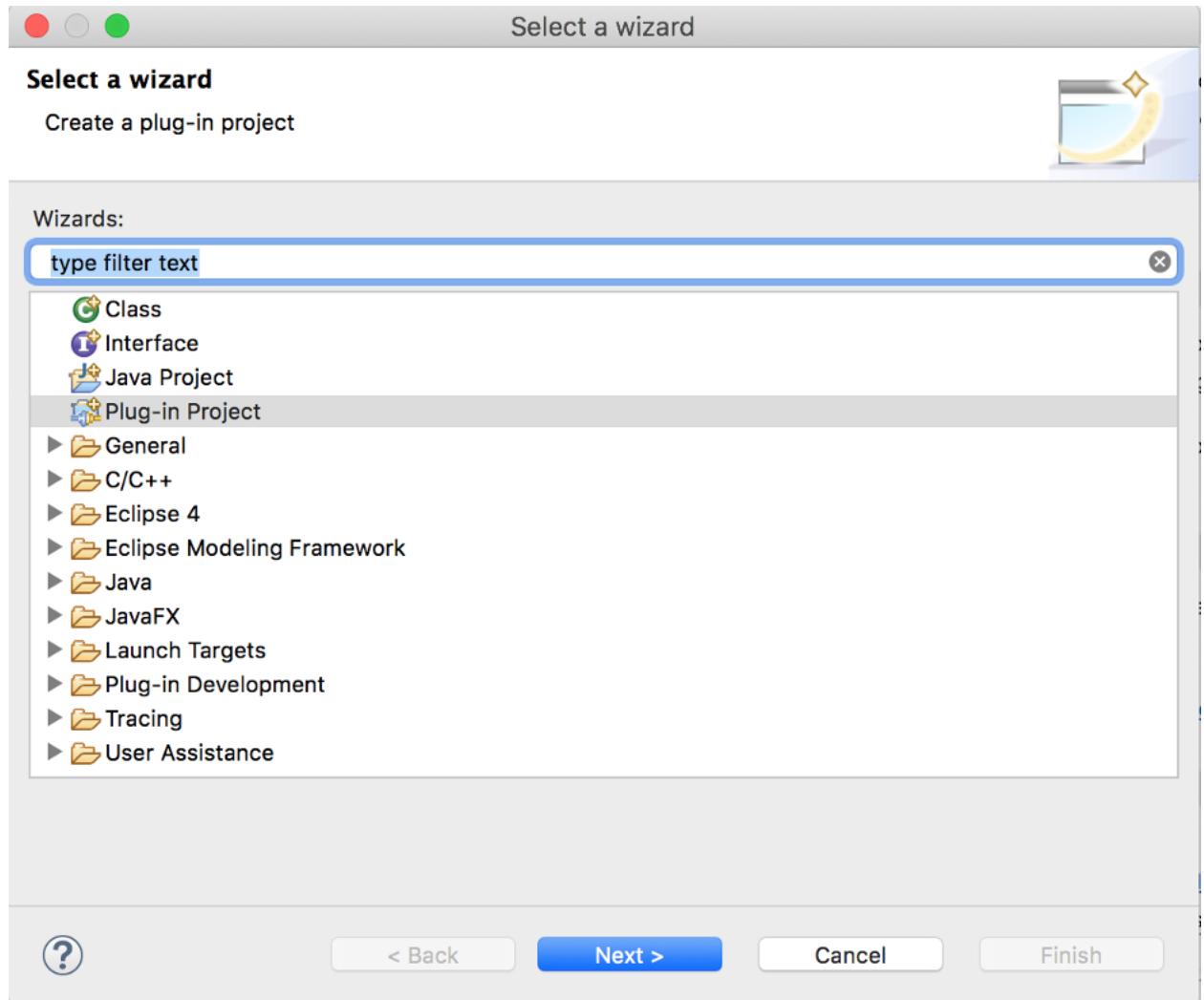
4. Restart the eclipse and download JavaFx:

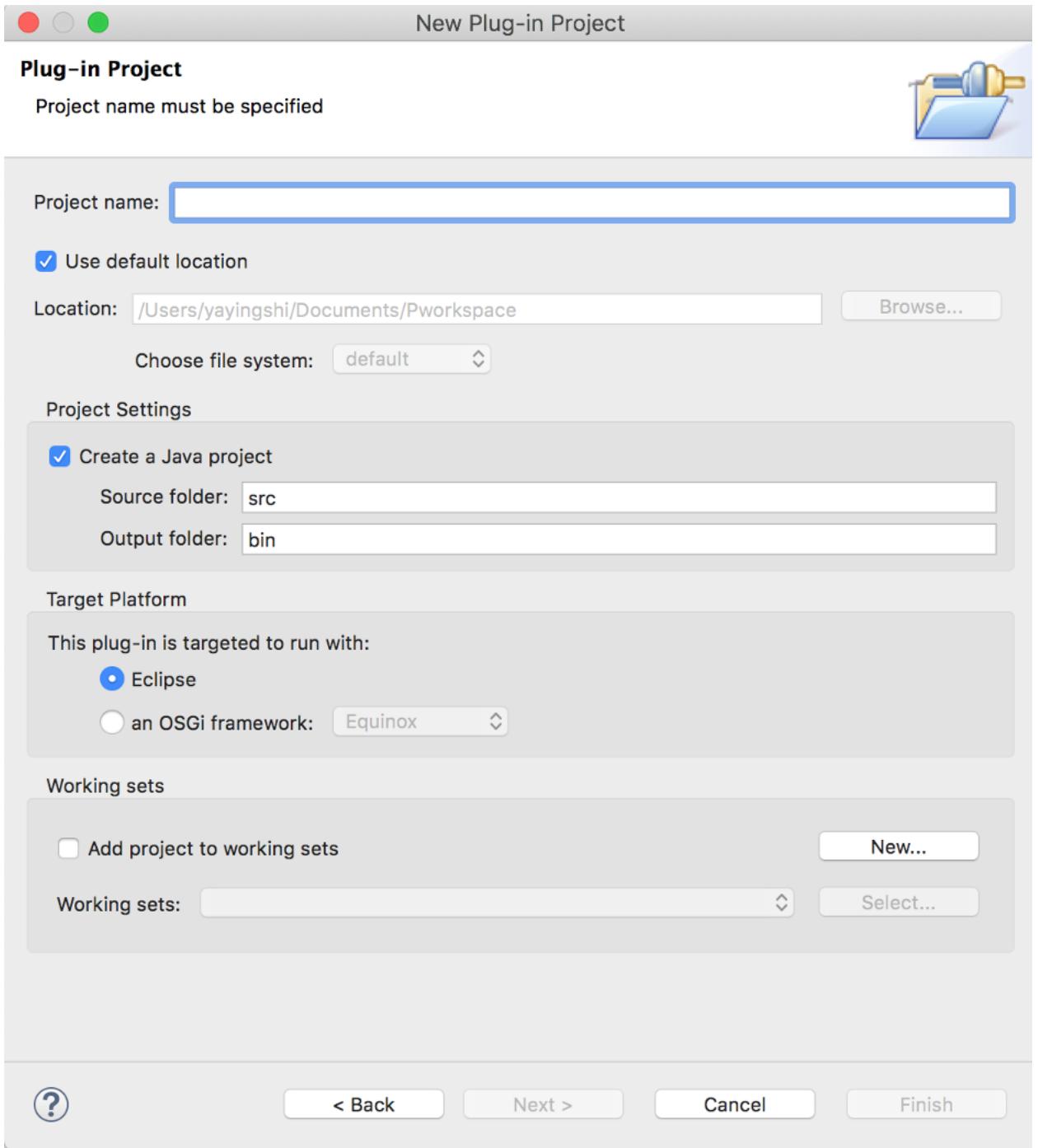
<https://download.eclipse.org/efxclipse/updates-released/2.4.0/site/>

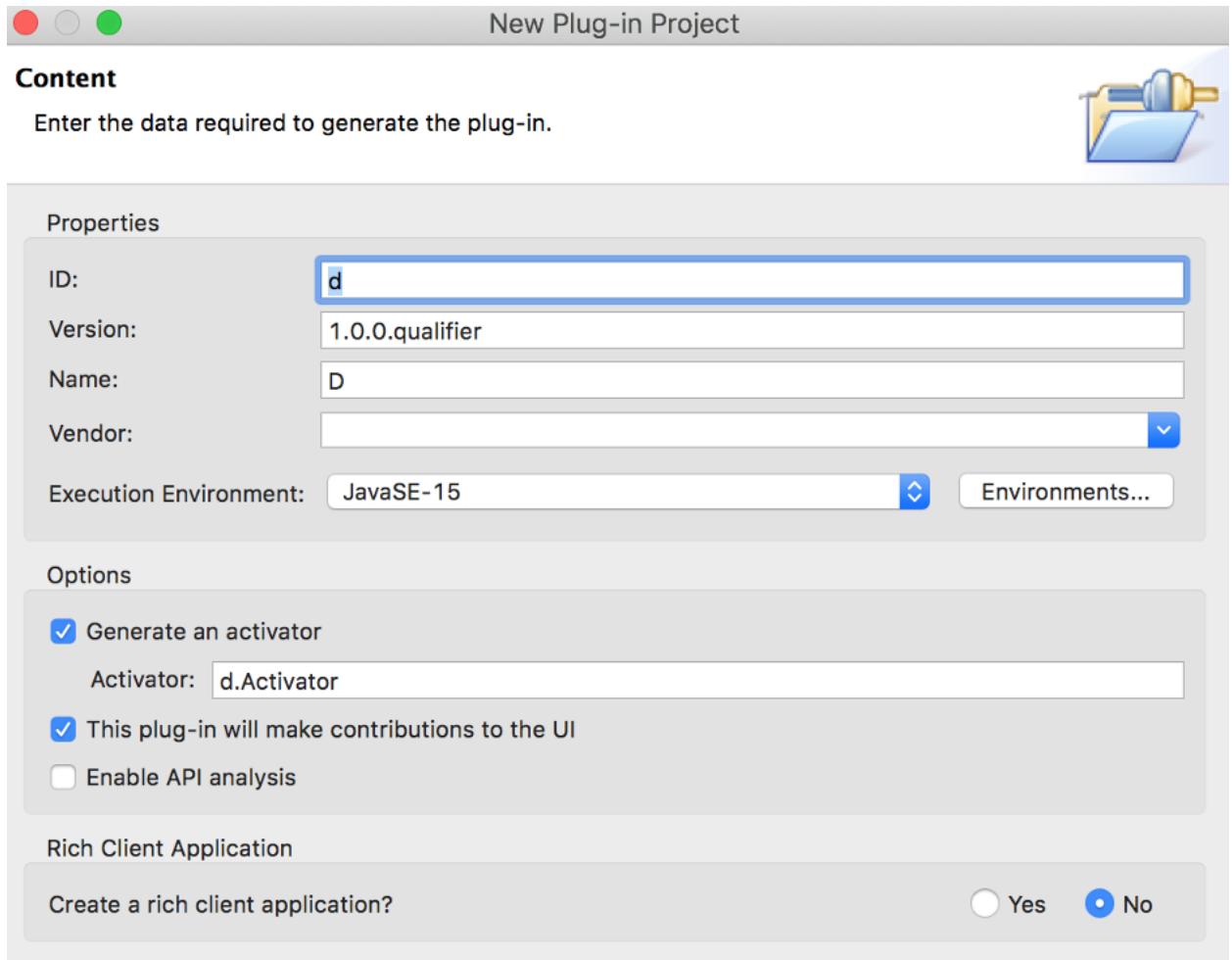


5. Restart and create a plug-in project:









Select contribute to UI and finish.

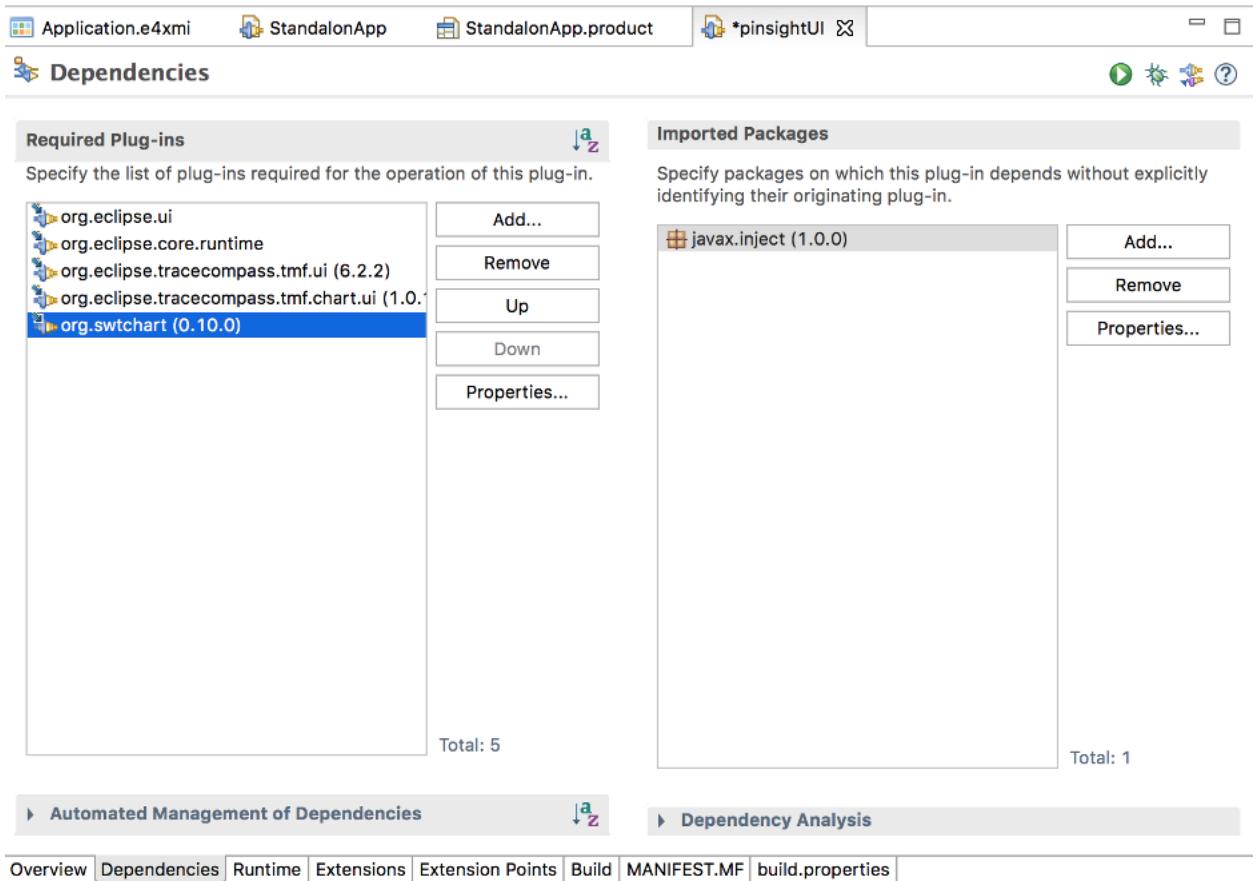
6. Add dependencies:

To add these dependencies you need to first install them to your eclipse.

Use the following links:

TMF- <http://download.eclipse.org/releases/2019-09>

SWT- <https://download.eclipse.org/swtchart/releases/0.12.0/repository>



7. Add extensions and select view:

Extensions



All Extensions

Define extensions for this plug-in in the following section.

type filter text

▶ org.eclipse.ui.views

az

□

□

□

Add...

Remove

Up

Down

Extension Details

Set the properties of the selected extension. Required fields are denoted by ******.

ID:

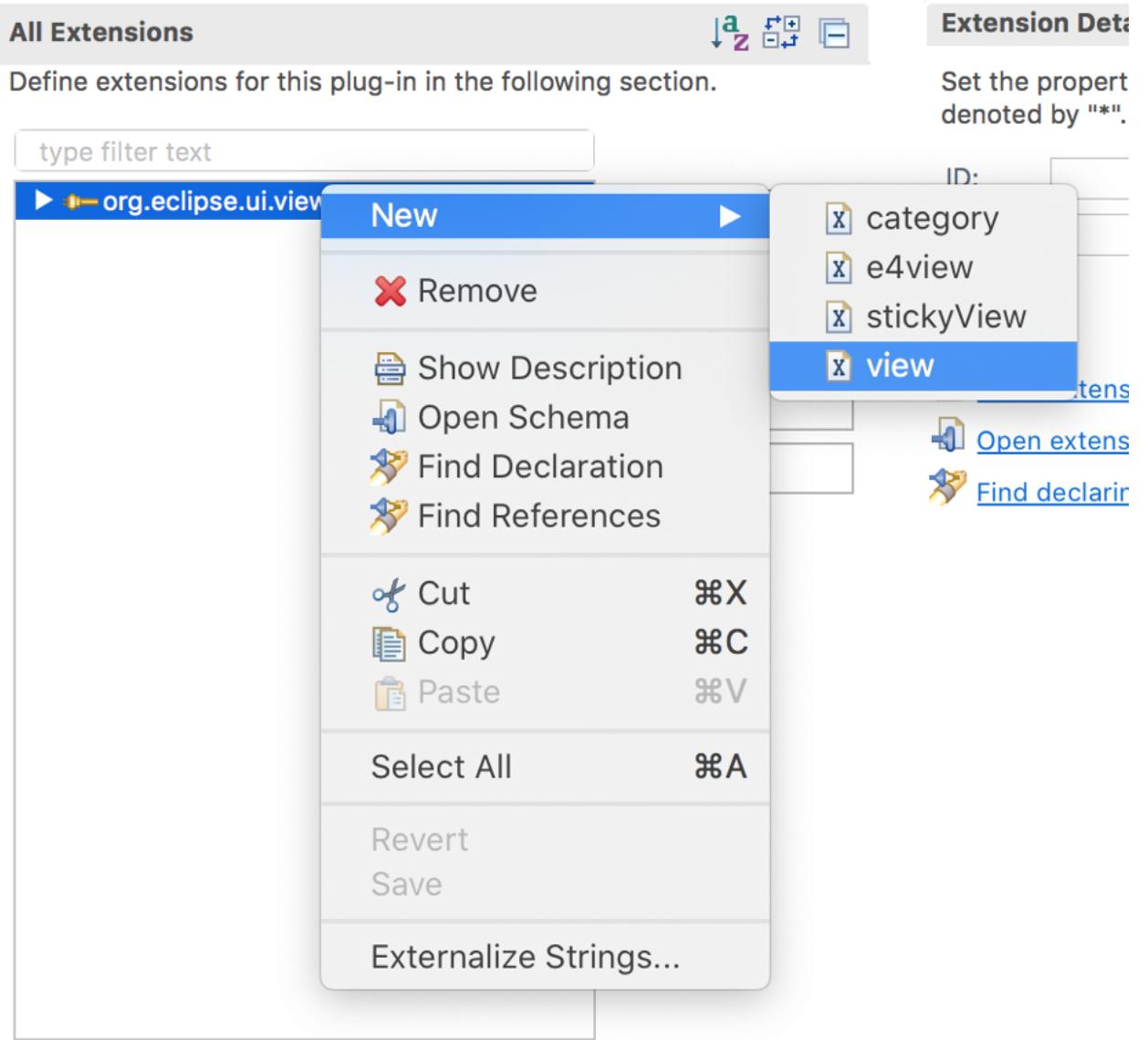
Name:

[Show extension point description](#)

[Open extension point schema](#)

[Find declaring extension point](#)

[Overview](#) | [Dependencies](#) | [Runtime](#) | **Extensions** | [Extension Points](#) | [Build](#) | [MANIFEST.MF](#) | [plugin.xml](#) | [build.properties](#)



You may face an issue where you only see the type 'Generic'. To fix this issue follow the steps mentioned on:

<https://samindaw.wordpress.com/2008/11/05/eclipse-plugin-editor-extension-tab-show-generic-in-new-submenu/>

8. Replace the source code from our github and lunch the application:

General Information

This section describes general information about this plug-in.

ID:	<input type="text" value="pinsight3D"/>
Version:	<input type="text" value="1.0.0.qualifier"/>
Name:	<input type="text" value="Pinsight3D"/>
Vendor:	<input type="text"/>
Platform Filter:	<input type="text"/>
Activator:	<input type="text" value="pinsight3d.Activator"/> <input type="button" value="Browse..."/>
<input checked="" type="checkbox"/> Activate this plug-in when one of its classes is loaded	
<input checked="" type="checkbox"/> This plug-in is a singleton	

Execution Environments

Specify the minimum execution environments required to run this plug-in.

JavaSE-1.8	<input type="button" value="Add..."/>
	<input type="button" value="Remove"/>
<input type="button" value="Edit"/>	

Plug-in Content

The content of the plug-in is made up of two sections:

- [Dependencies](#): lists all the plug-ins required on this plug-in's classpath to compile and run.
- [Runtime](#): lists the libraries that make up this plug-in's runtime.

Extension / Extension Point Content

This plug-in may define extensions and extension points:

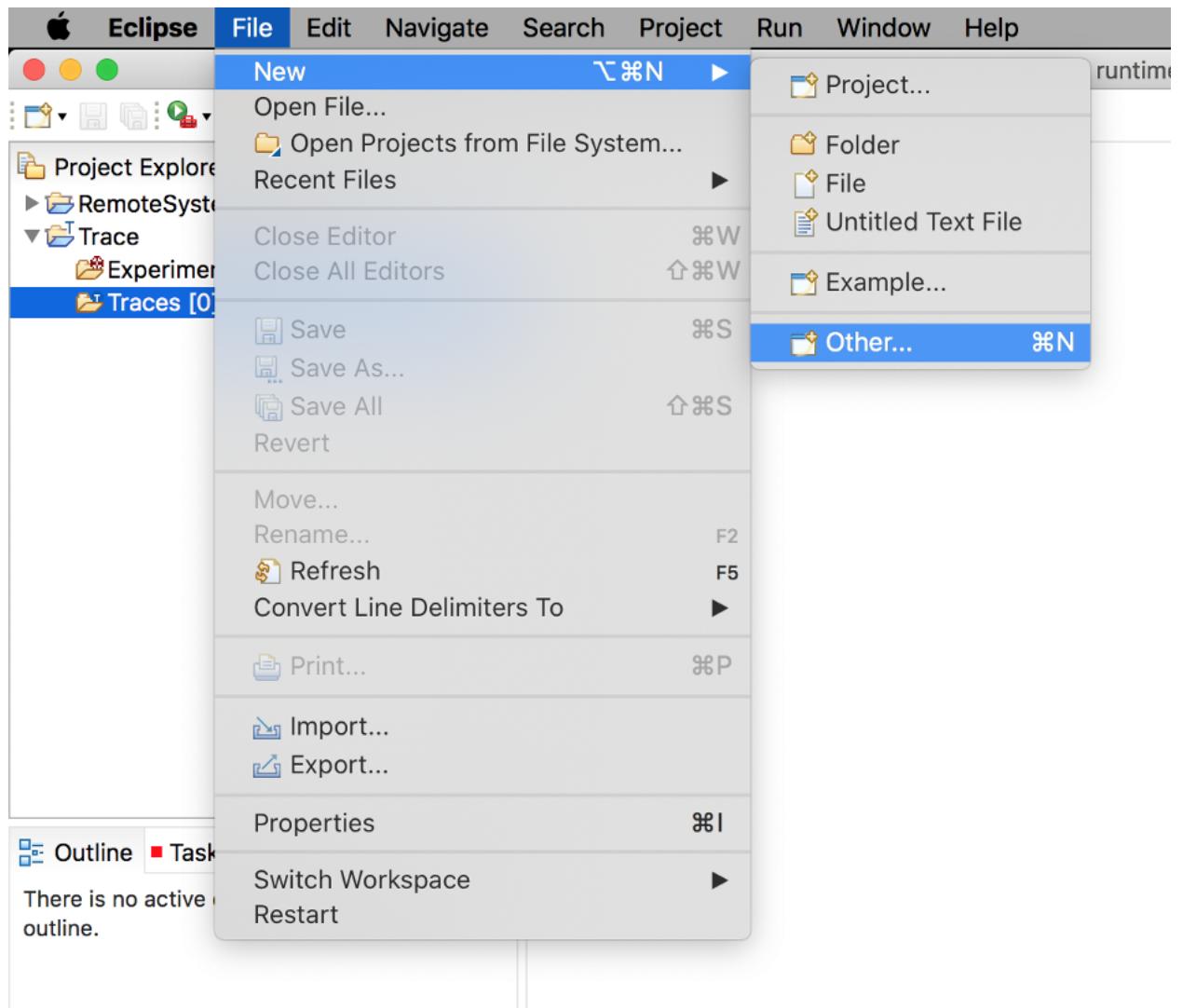
- [Extensions](#): declares contributions this plug-in makes to the platform.
- [Extension Points](#): declares new function points this plug-in adds to the platform.

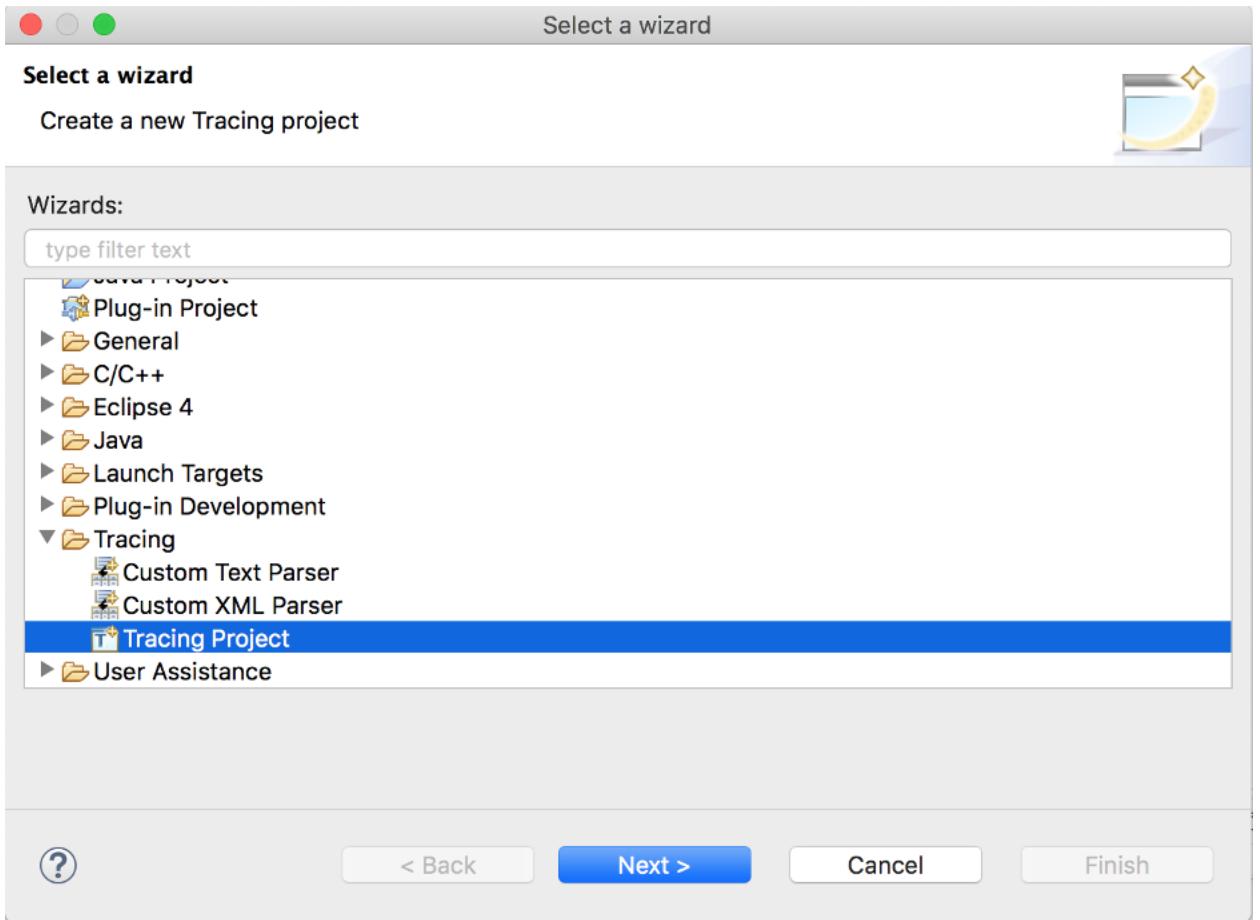
Testing

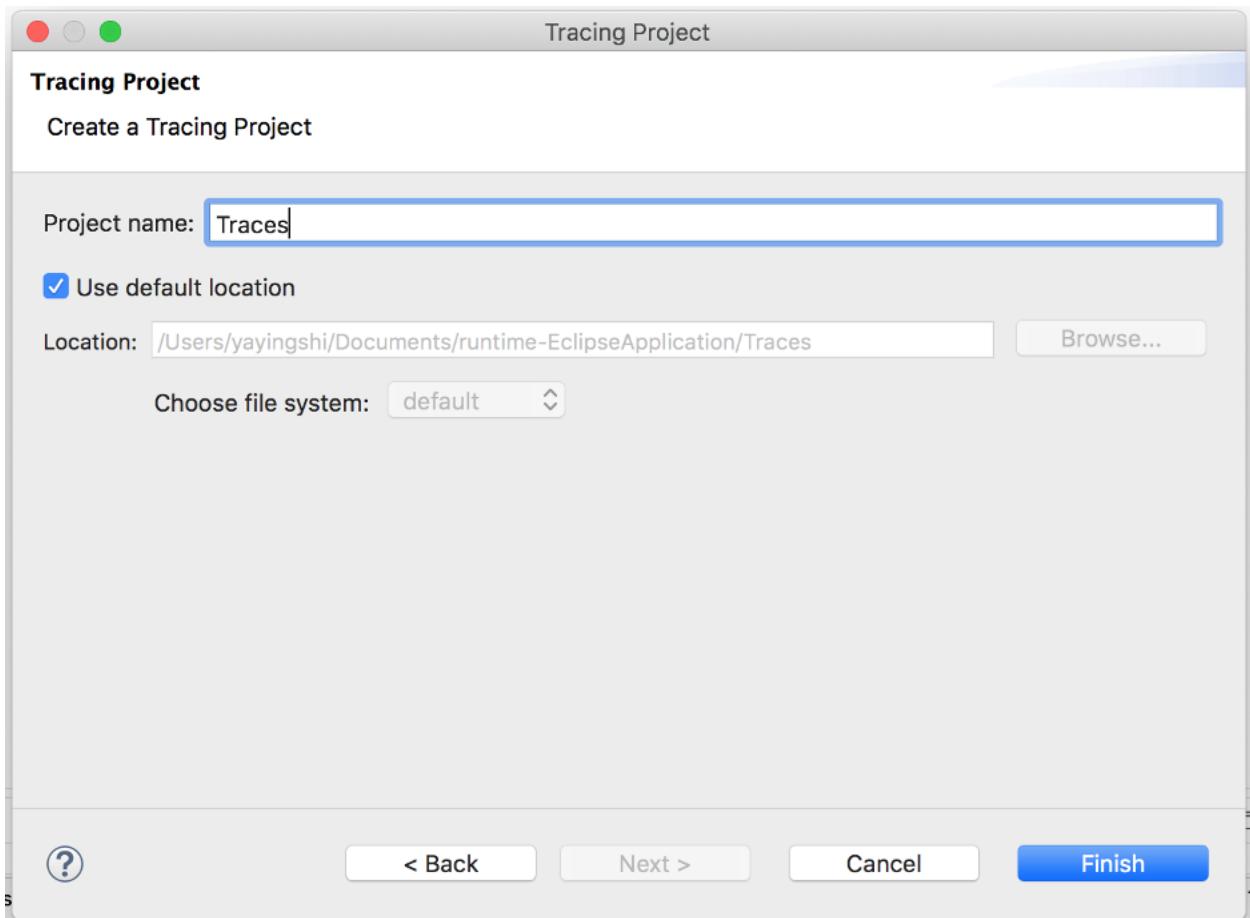
Test this plug-in by launching a separate Eclipse application:

- [Launch an Eclipse application](#)
- [Launch an Eclipse application in Debug mode](#)

9. In the application, build a new trace project(File->new->other):







10. Add trace record(must select the unrecognized trace):

► RemoteSystemsTempFiles

▼ Trace

Experiments [0]

Trac

Open Trace...

Open As Experiment... ►

Import...

New Folder...

Clear

Import Trace Package...

Fetch Remote Traces...

Export Trace Package...

Manage Custom Parsers...

Manage XML analyses...

Apply Time Offset...

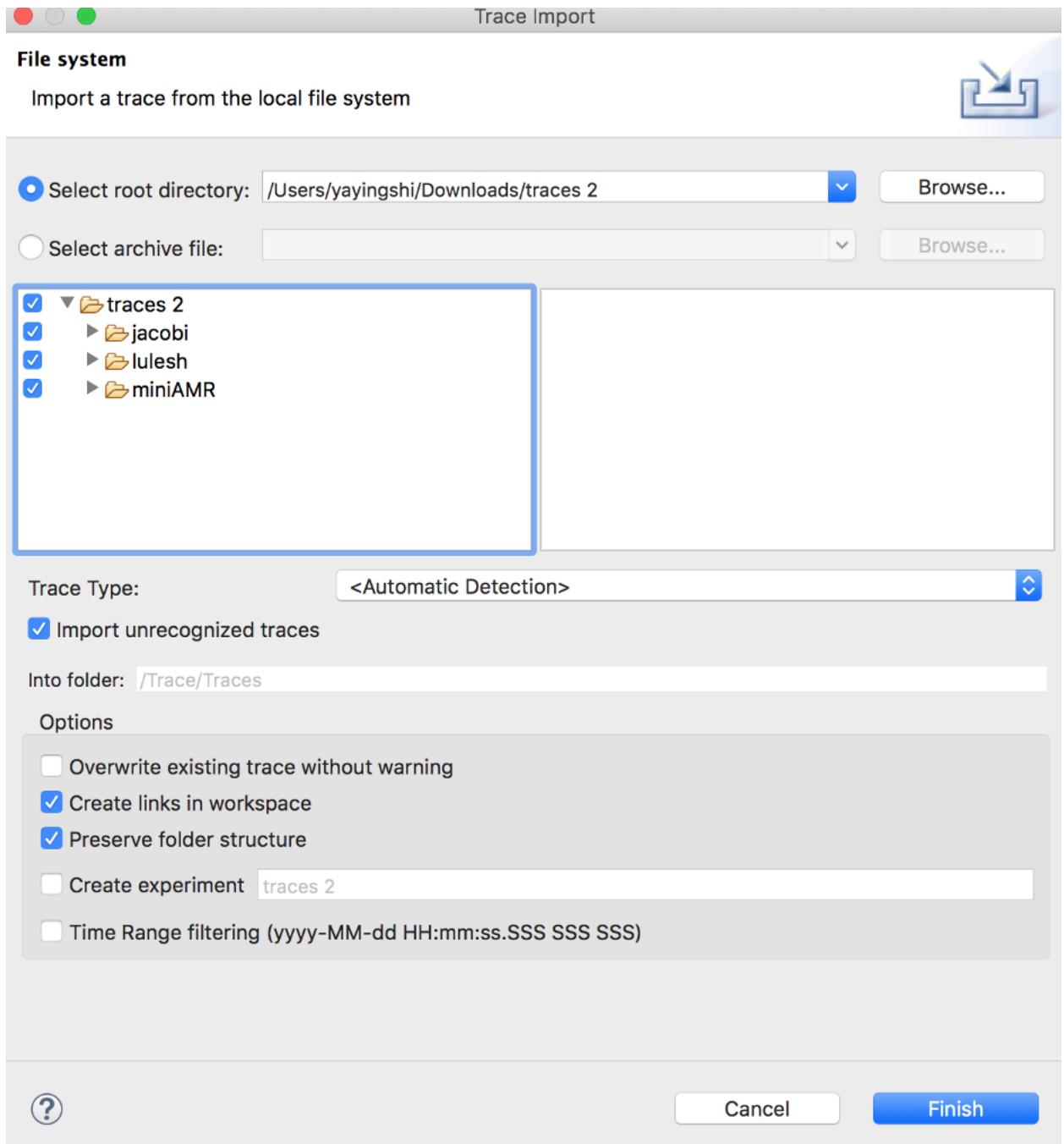
Clear Time Offset

Refresh

F5

Outline

There is no a
outline.



11. Open the view in the windows:

Window Help

Minimize
Zoom
Toggle Full Screen ⌘⌘F

New Window
Editor
Appearance

Show View ▶

Perspective ▶

Navigation ▶

Spies ▶

Bring All to Front

channel0_1	1	lttng_pinsight
channel0_0	0	lttng_pinsight
channel0_3	3	lttng_pinsight

e/Traces/miniAMR/ust/uid/502/64-bit/

Contents

<srch>

::thread_begin

global_thread_nun

Ant

Bookmarks

Error Log ⌘Q L

Outline ⌘Q O

Problems ⌘Q X

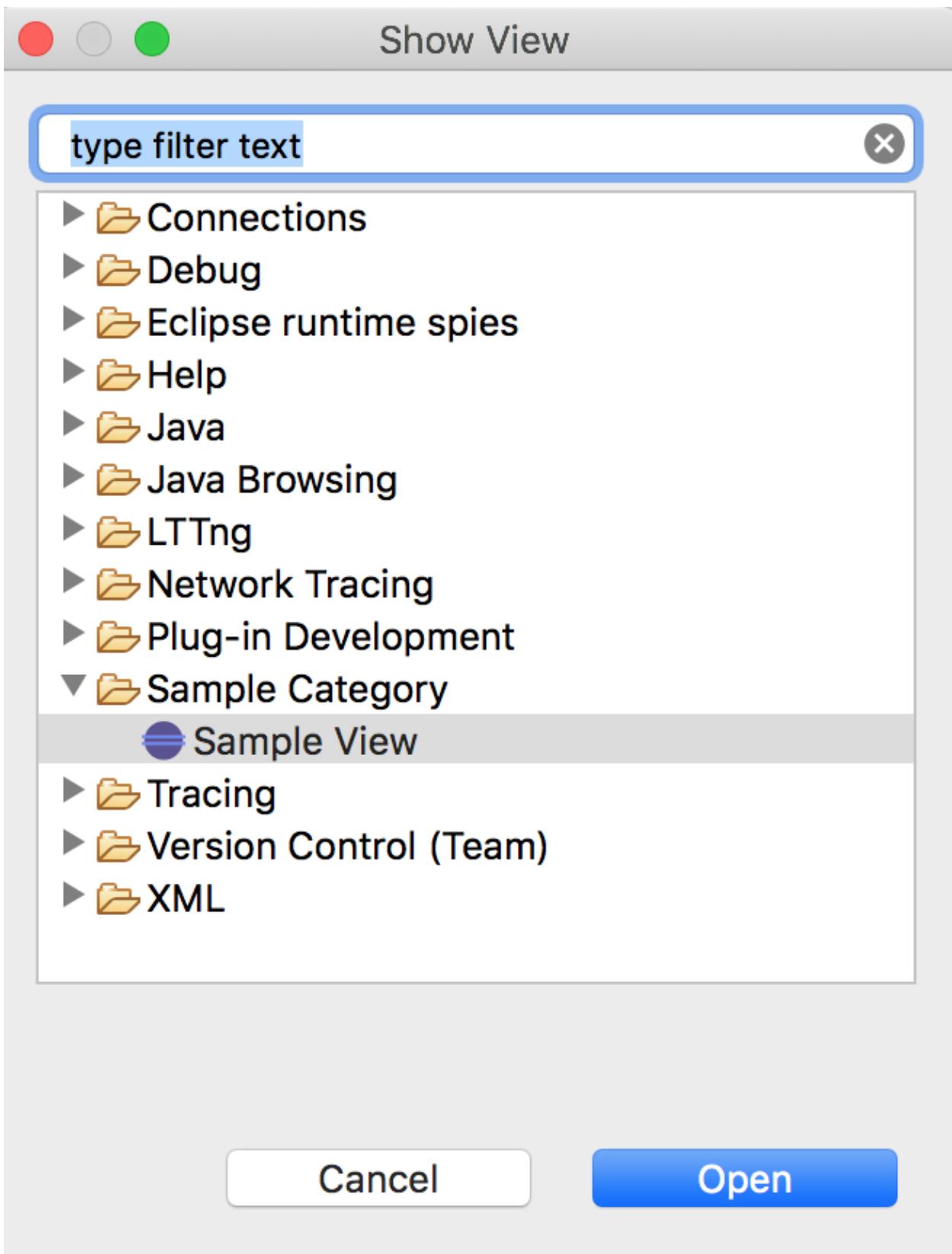
Progress

Project Explorer

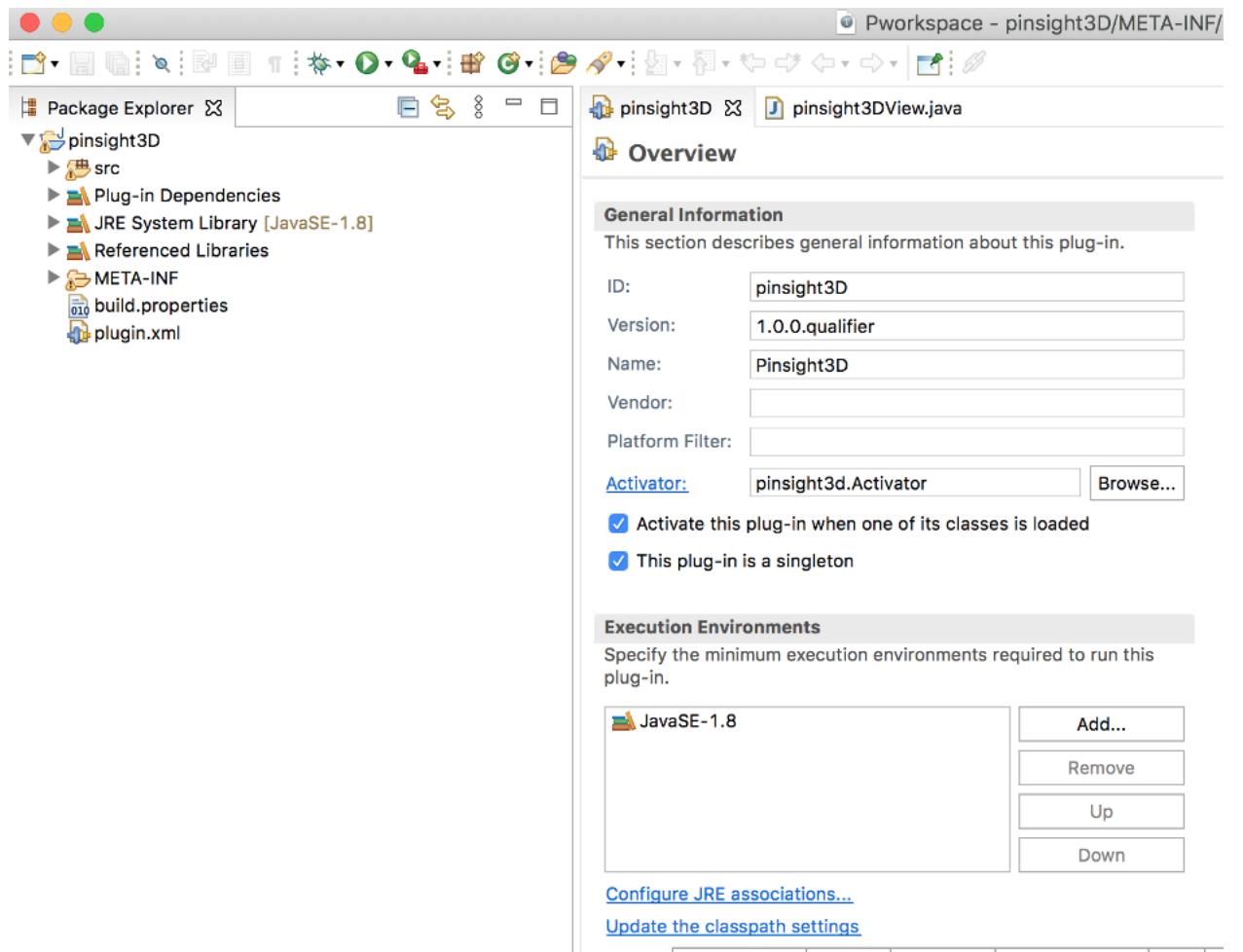
Properties

Tasks

Other... ⌘Q Q



12. For 3Dpinsight project, you need change the library to javaSE1.8 as following step:



Package Explorer X

New ►

Go Into

Open in New Window

Open Type Hierarchy F4

Show In ⌘W ►

Copy⌘C

Copy Qualified Name

Paste⌘V

Delete ⌘X

Build Path ►

Source ⌘S ►

Refactor ⌘T ►

Import...

Export...

Refresh F5

Close Project

Assign Working Sets...

Run As ►

Debug As ►

Team ►

Restore from Local History...

Compare With ►

Plug-in Tools ►

Validate

Configure ►

Properties⌘I

Open Properties Dialog

pinsight3D X

Overview

General Information

This section describes the general information about the selected item.

ID:

Version:

Name:

Vendor:

Platform Filter:

Activator:

Activate this plug-in

This plug-in is...

Execution Environment

Specify the minimum Java version required by this plug-in.

JavaSE-1.8

[Configure JRE as...](#)

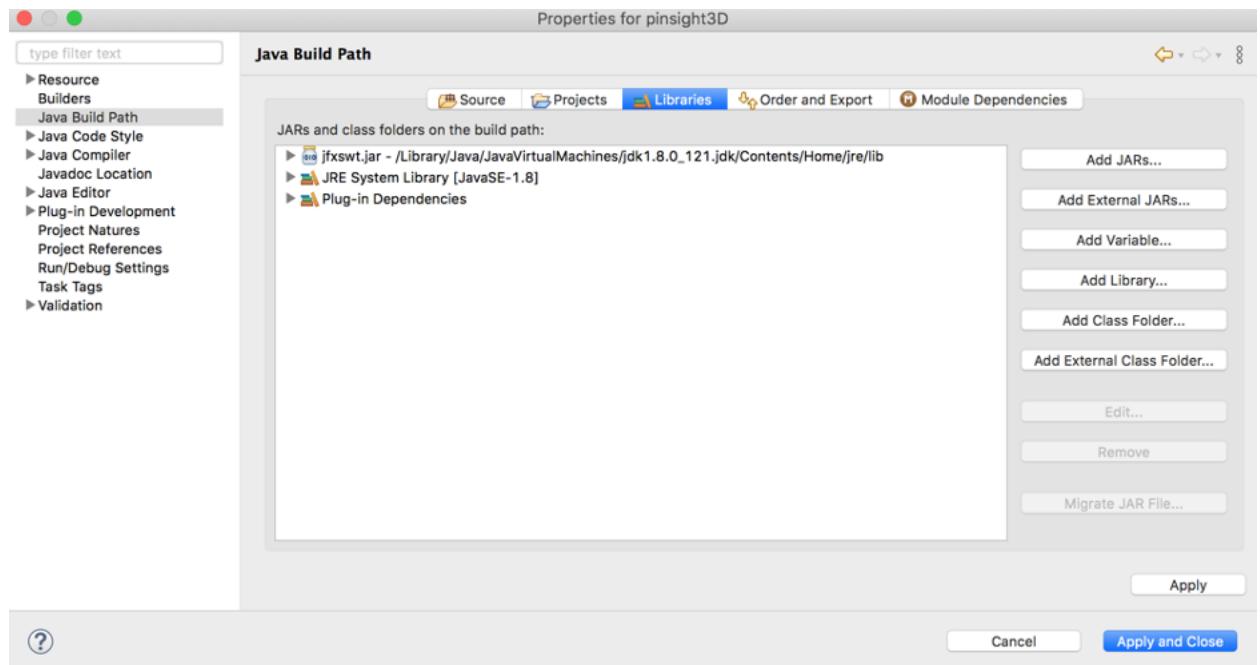
[Update the classpath...](#)

Overview Dependents

Problems @ .

No consoles to display

In build path add external jars and search jfswt.jar.

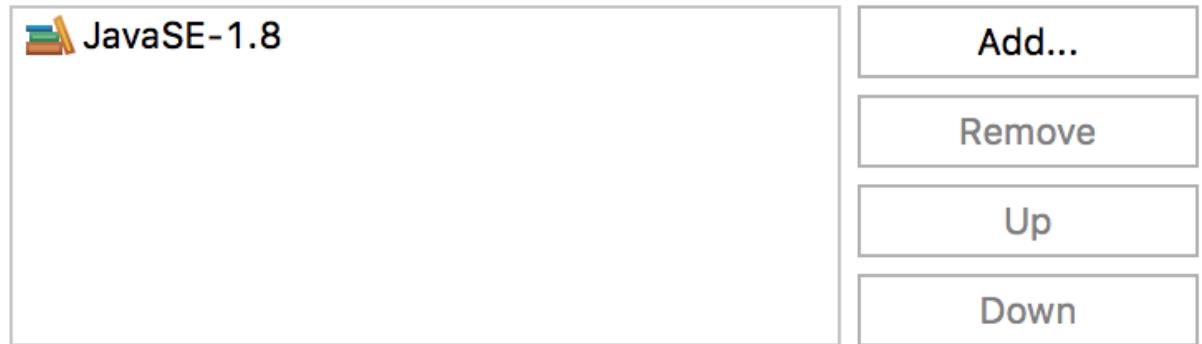


Besides, select JRE1.8 form libaray.

13. Change your execution environment to 1.8 as well:

Execution Environments

Specify the minimum execution environments required to run this plug-in.



14. Add javafx in you import package and make sure target platform has javafx



Imported Packages

Specify packages on which this plug-in depends without explicitly identifying their originating plug-in.

- javafx.print (8.0.0)
- javafx.scene (2.2.0)
- javafx.scene.canvas (2.2.0)
- javafx.scene.chart (2.2.0)
- javafx.scene.control (2.2.0)
- javafx.scene.control.cell (2.2.0)
- javafx.scene.effect (2.2.0)
- javafx.scene.image (2.2.0)
- javafx.scene.input (2.2.0)
- javafx.scene.layout (2.2.0)
- javafx.scene.media (2.2.0)
- javafx.scene.paint (2.2.0)
- javafx.scene.shape (2.2.0)
- javafx.scene.text (2.2.0)
- javafx.scene.transform (2.2.0)
- javafx.scene.web (2.2.0)
- javafx.stage (2.2.0)
- javafx.util (2.2.0)
- javafx.util.converter (2.2.0)**
- javax.inject (1.0.0)

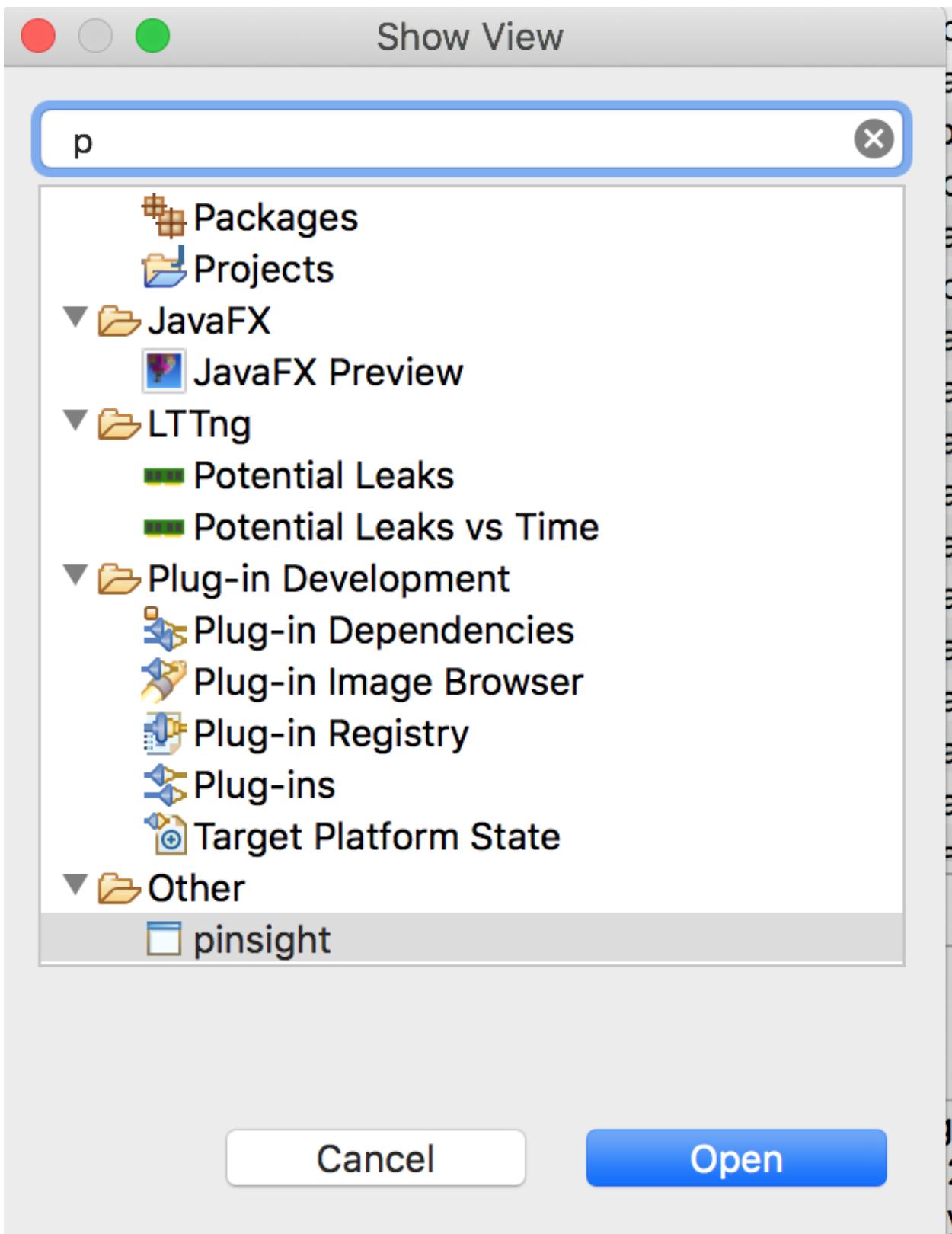
Add...

Remove

Properties...

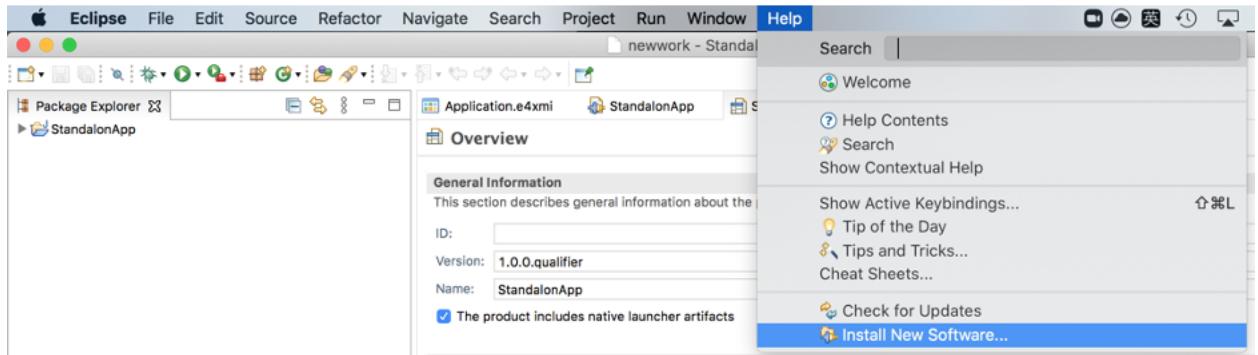
Total: 36

15. Open 3d pinsight in other view



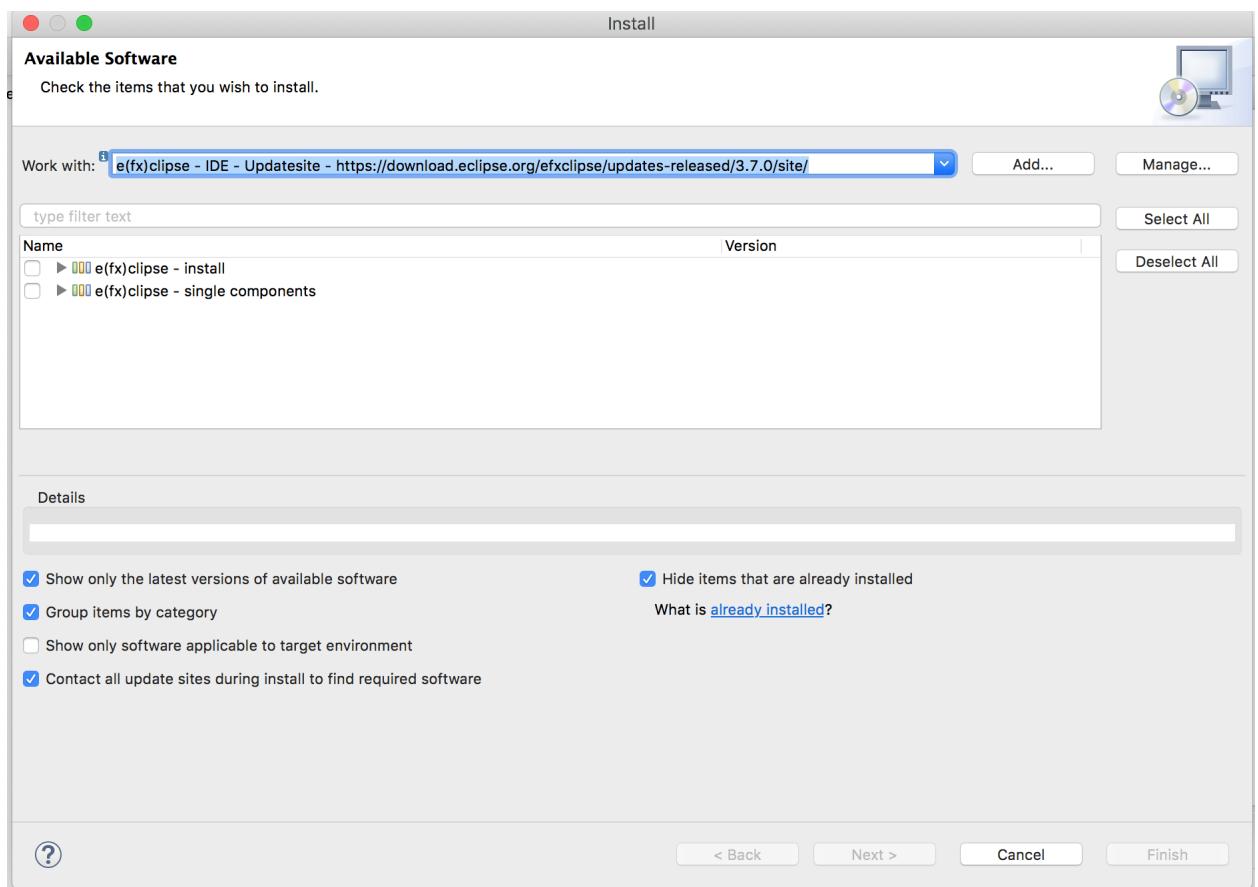
JavaFx(java 11 version):

1. Download Eclipse 2019-12 at – <http://download.eclipse.org/eclipse/> (you can try different eclipse version)
2. Installed e(fx)clipse 3.6.0 or above by install new software at help



e(fx)clipse - IDE - Updatesite

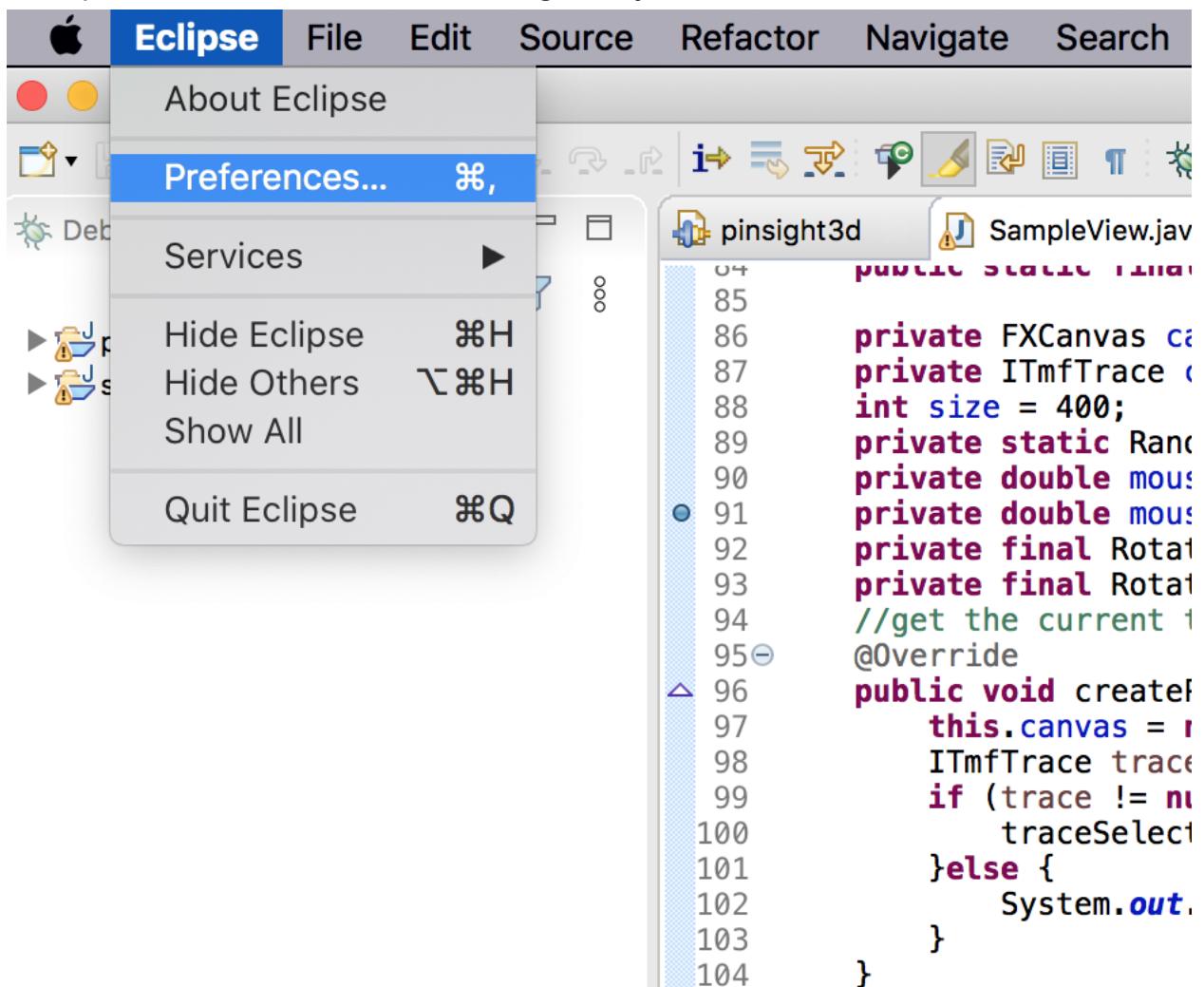
-<https://download.eclipse.org/efxclipse/updates-released/3.7.0/site/>

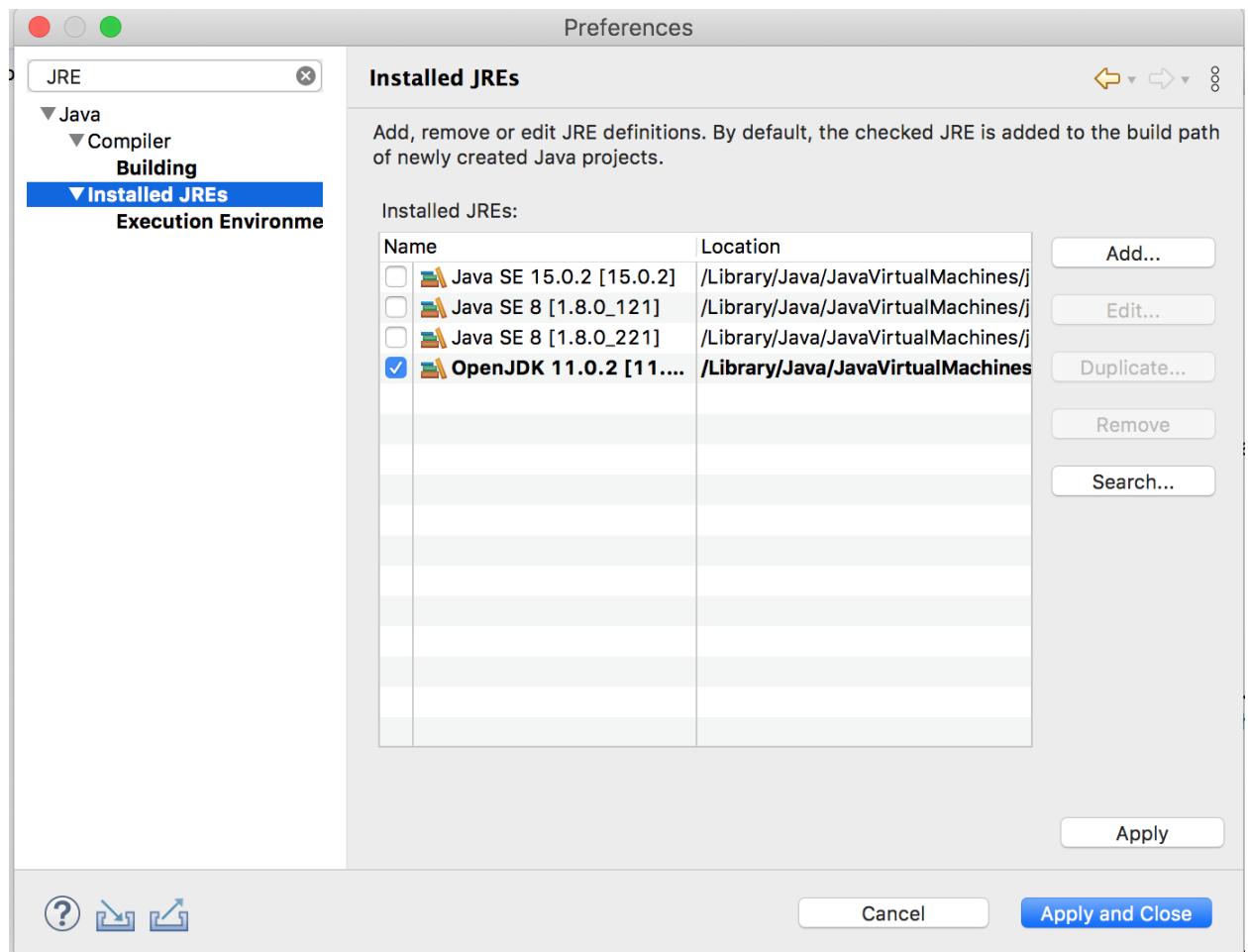


3.

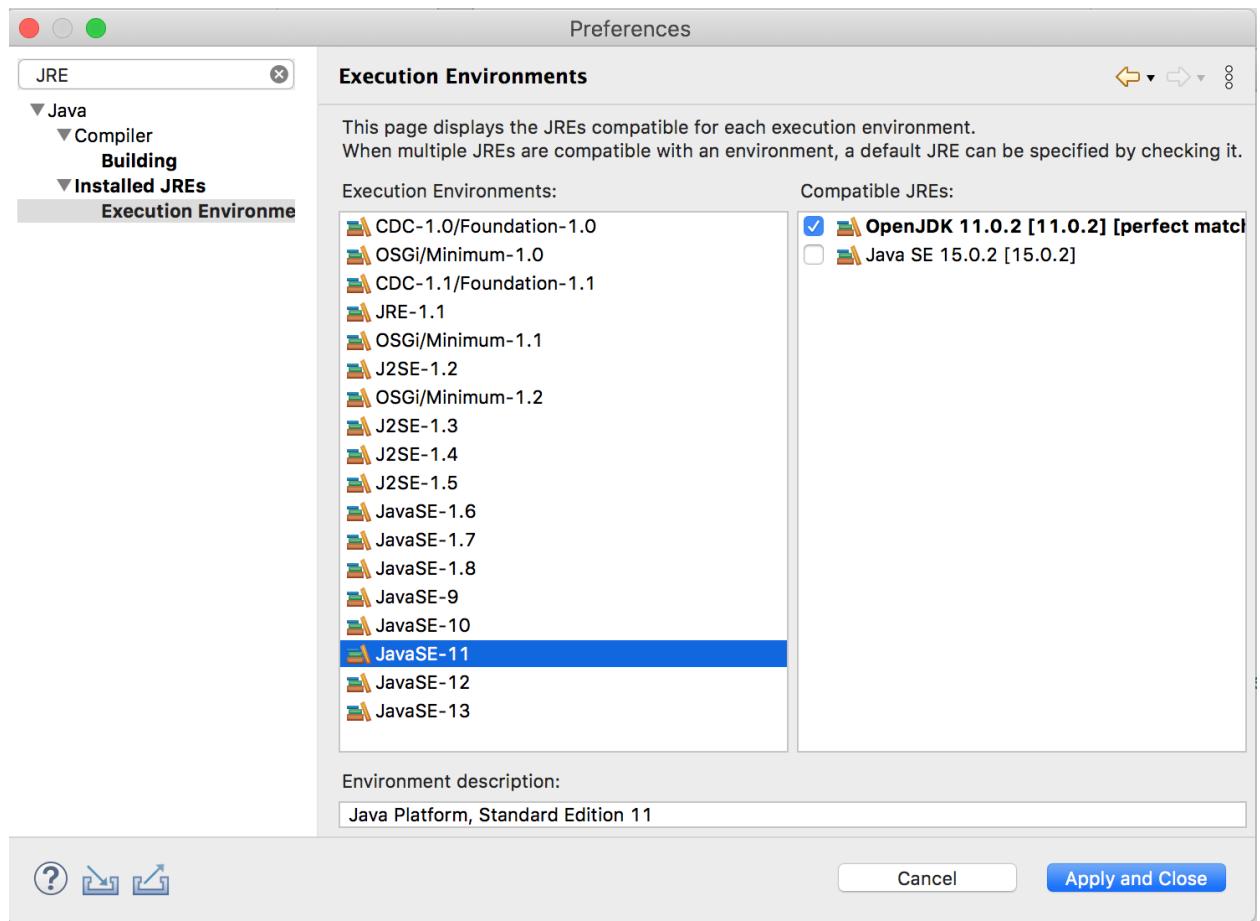
4. Install tracecompass by same procedure as last step:Trace Compass Repository
- <https://download.eclipse.org/tracecompass/releases/5.2.0/repository/> (I use this version you can try different)
5. Download JDK-11 from any website: I download from
<https://openjdk.java.net/projects/jdk/11/>
6. Downloaded and extracted the JavaFX-SDK-11:
<https://gluonhq.com/products/javafx/>

7. In eclipse find the default JRE and change it to java 11.



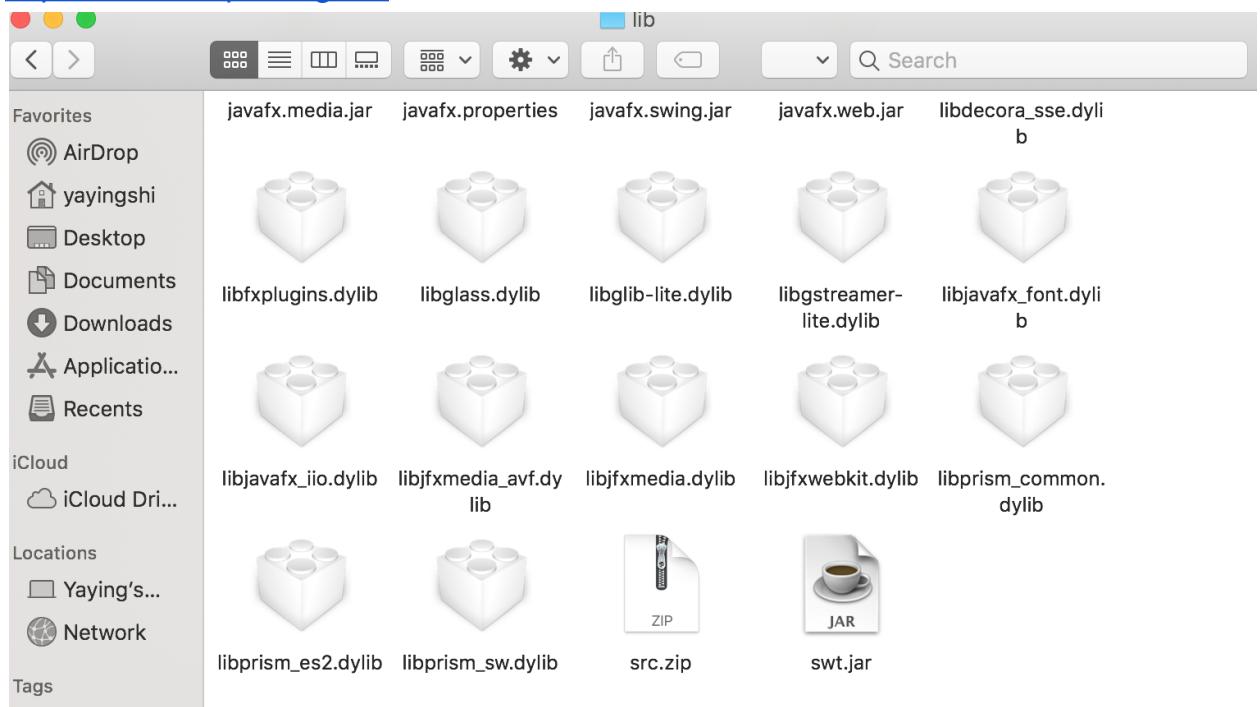


8. In the execution environment make sure java 11 is default as well.

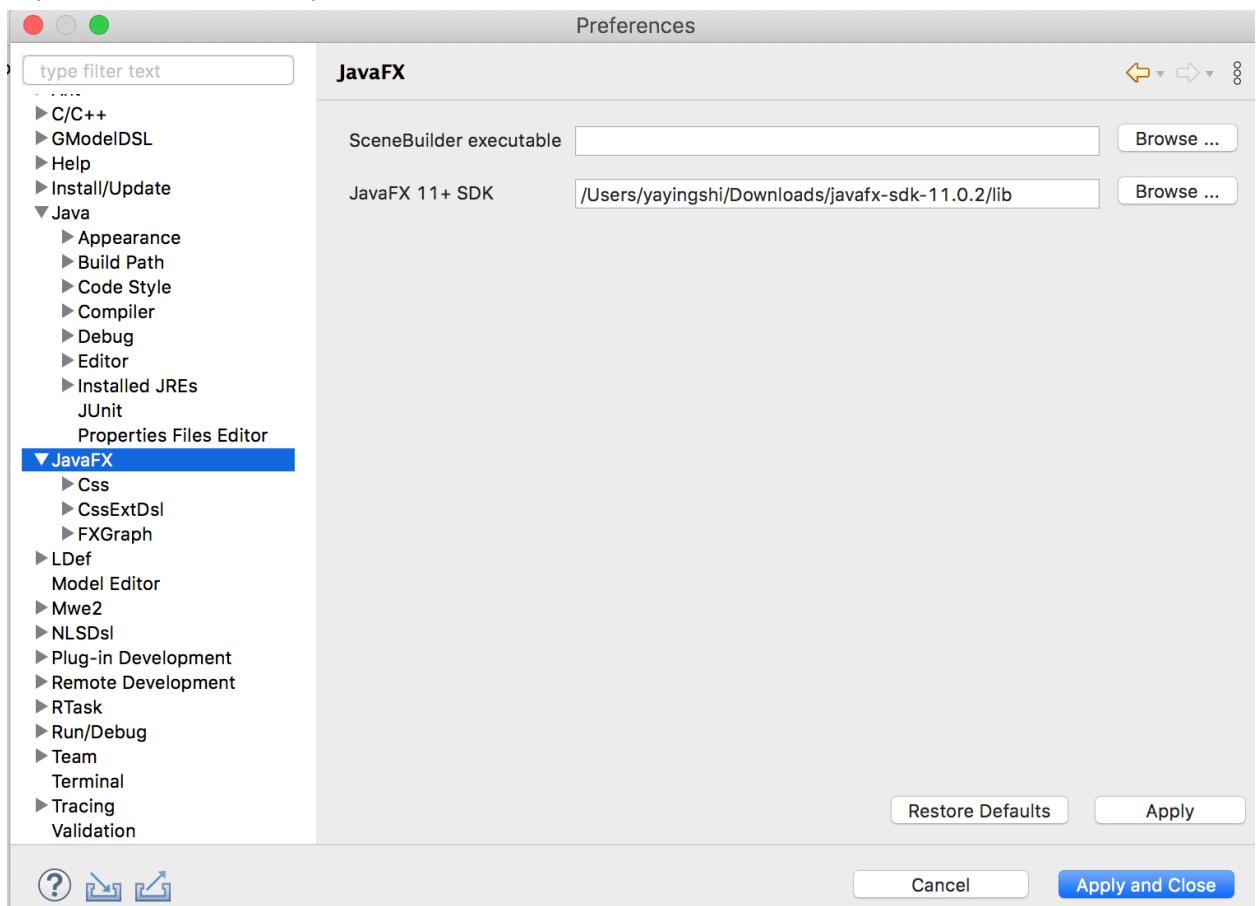


9. Add swt.jar to your javafx11-sdk/lib folder, swt.jar can be download at:

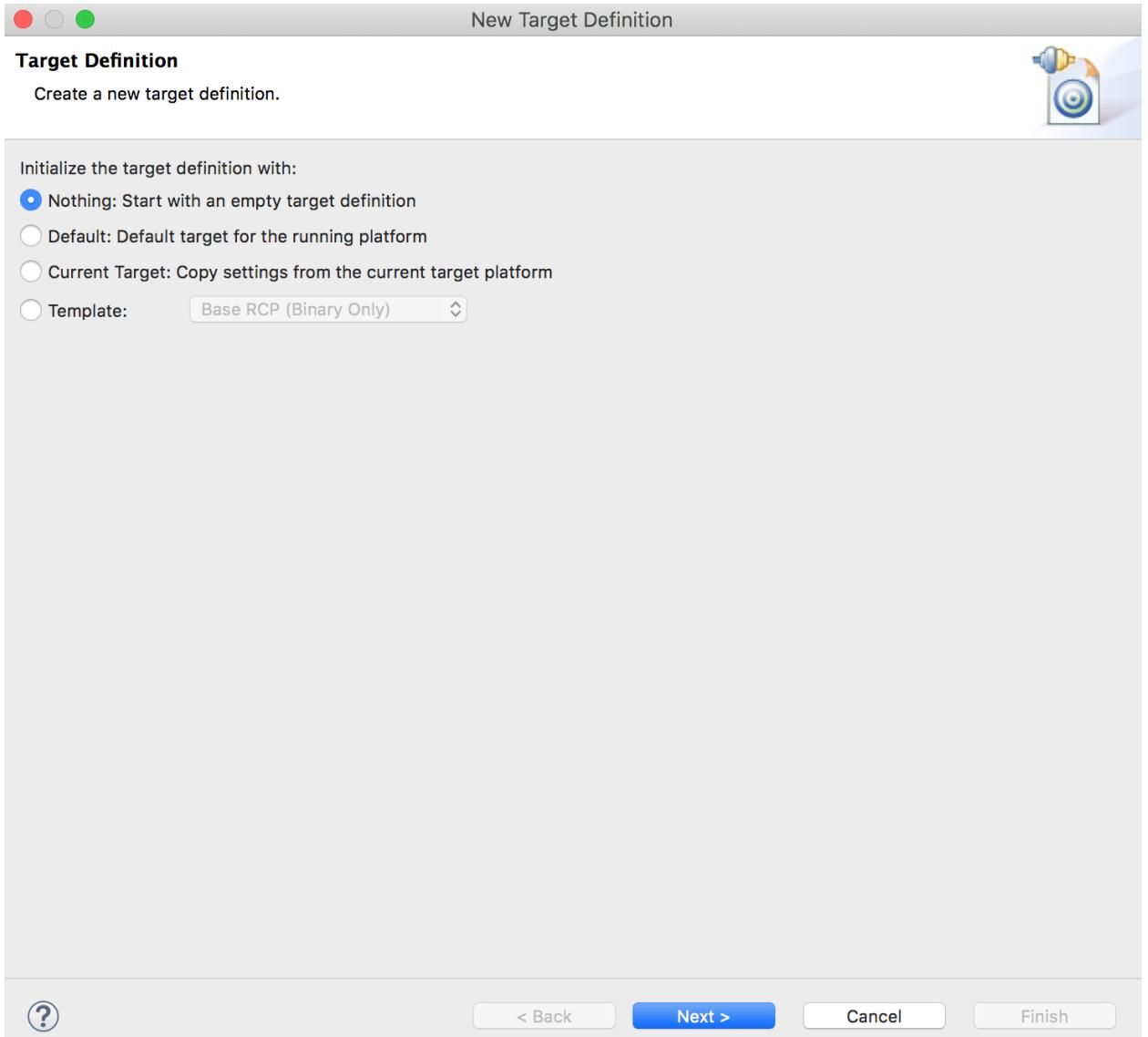
<https://www.eclipse.org/swt>

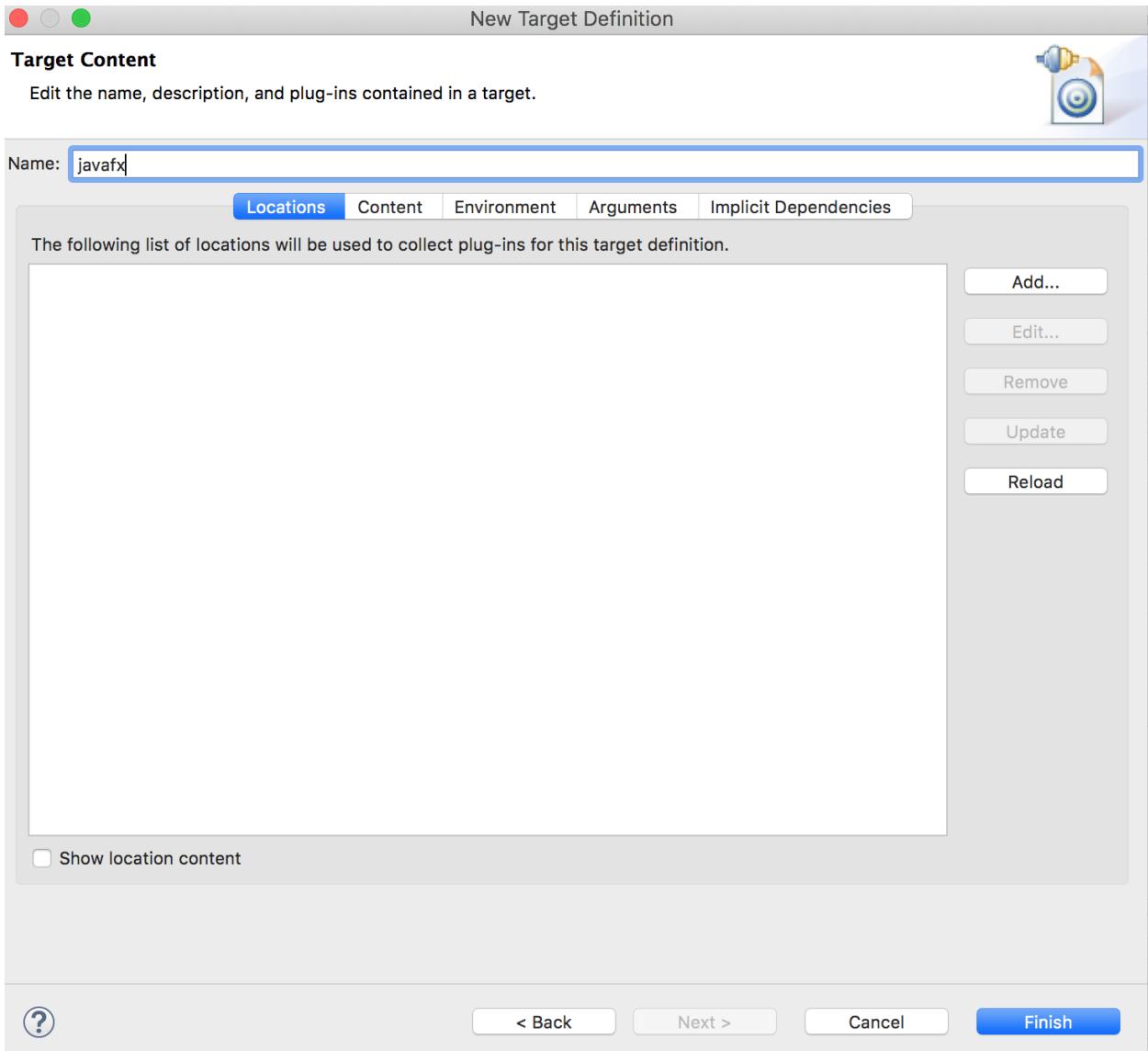


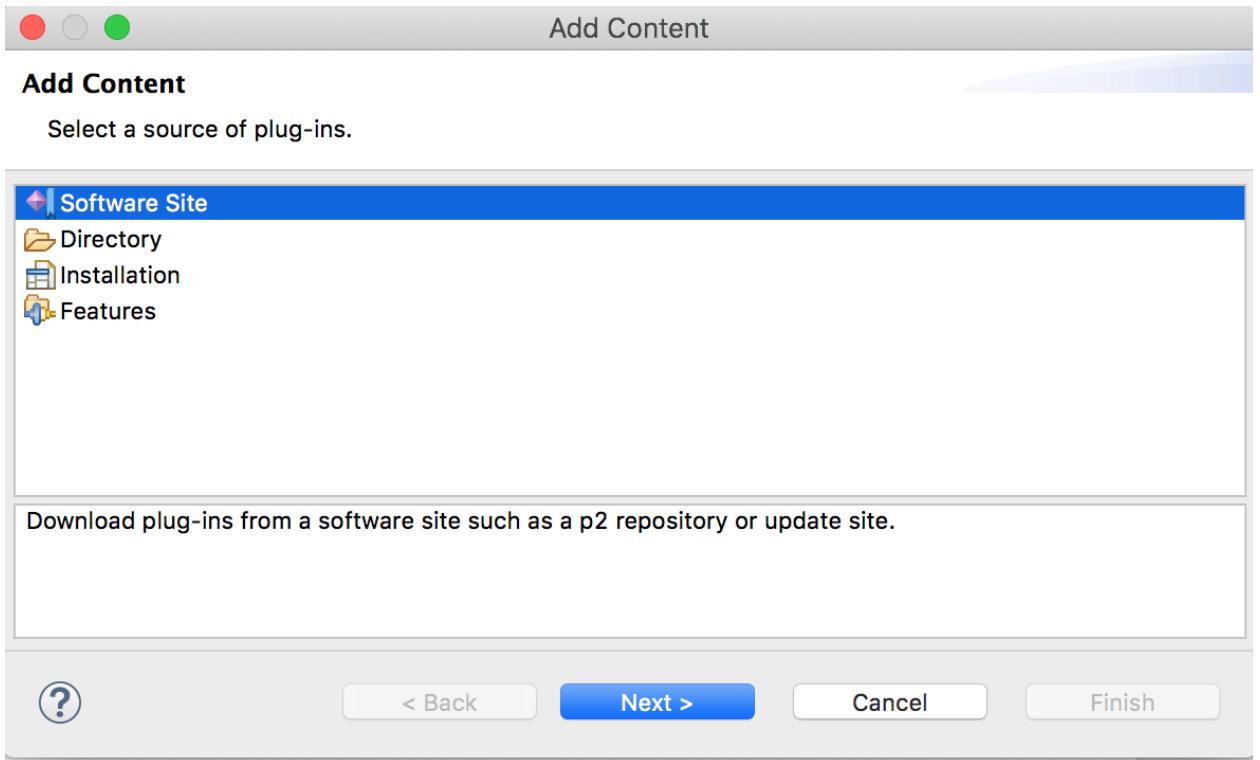
10. Configure the javafx setting in eclipse(Open the JavaFX-Preference Page and point it to your JavaFX-11-SDK):



11. Set up a target platform for javafx by click add.choose new platform,add repository, select javafx platform, add eclipse home directory







Add Content

Add Software Site

Select content from a software site to be added to your target

Work with: e(fx)clipse - Runtime - Updatesite - https://download.eclipse.org/efxclipse/runtime-nightly/site Add... Manage...

type filter text

Name	Version
▶ FX Runtime	
FX Target	
e(fx)clipse - Code Editing - Code editing target platform	3.7.0.202104140600
e(fx)clipse - Minimal JavaFX OSGi integration bundles	3.7.0.202104140501
e(fx)clipse - NL Support	3.7.0.202104140600
e(fx)clipse - RCP 3.x Target Platform Feature	3.7.0.202104140600
e(fx)clipse - RCP e4 Target Platform Feature	3.7.0.202104140600
e(fx)clipse - slf4j integration feature	3.7.0.202006221030
e(fx)clipse - Target Platform Feature	3.7.0.202104140600

Select All Deselect All 2 items selected

Details

FX Runtime 1.0.0.7B7Q-cLRVU67E7EA7MAM7U77 Properties...

Group by Category Show only the latest version

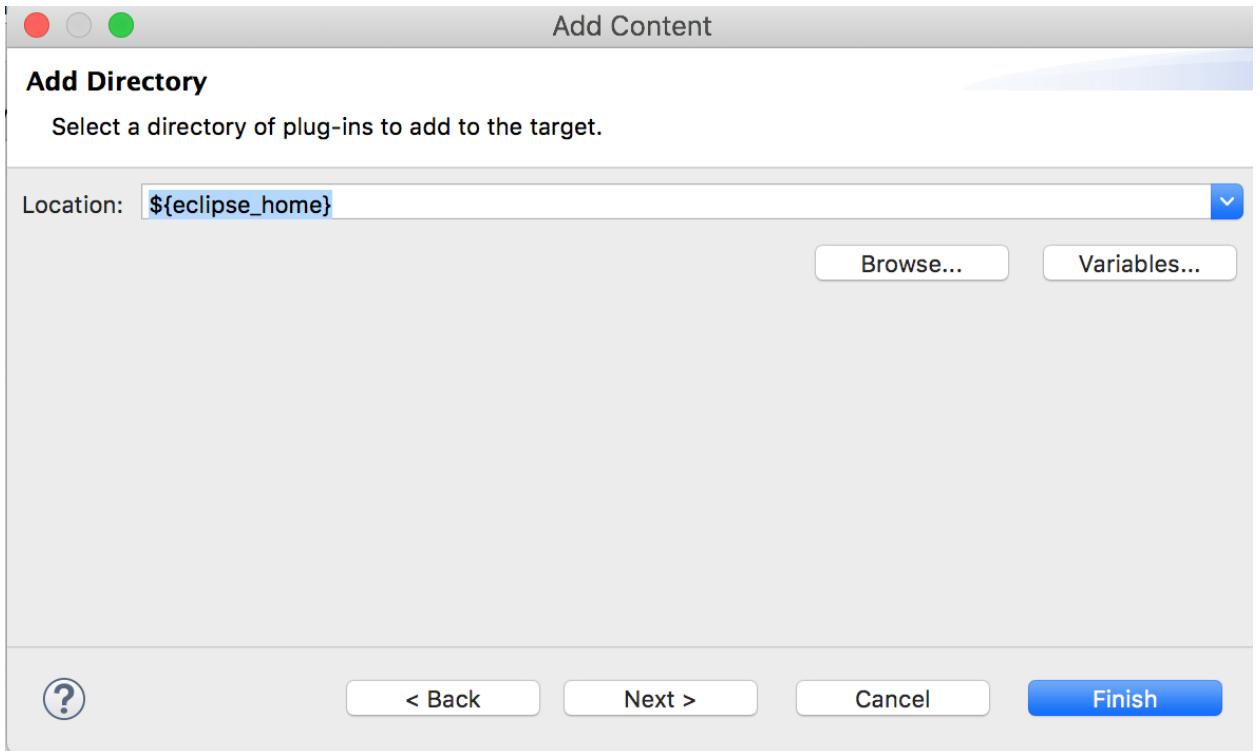
Included Software

By default, all required software is added to the target based on its environment settings. Turning this option off allows software to be added with missing requirements and multiple environments. This setting applies to the entire target definition.

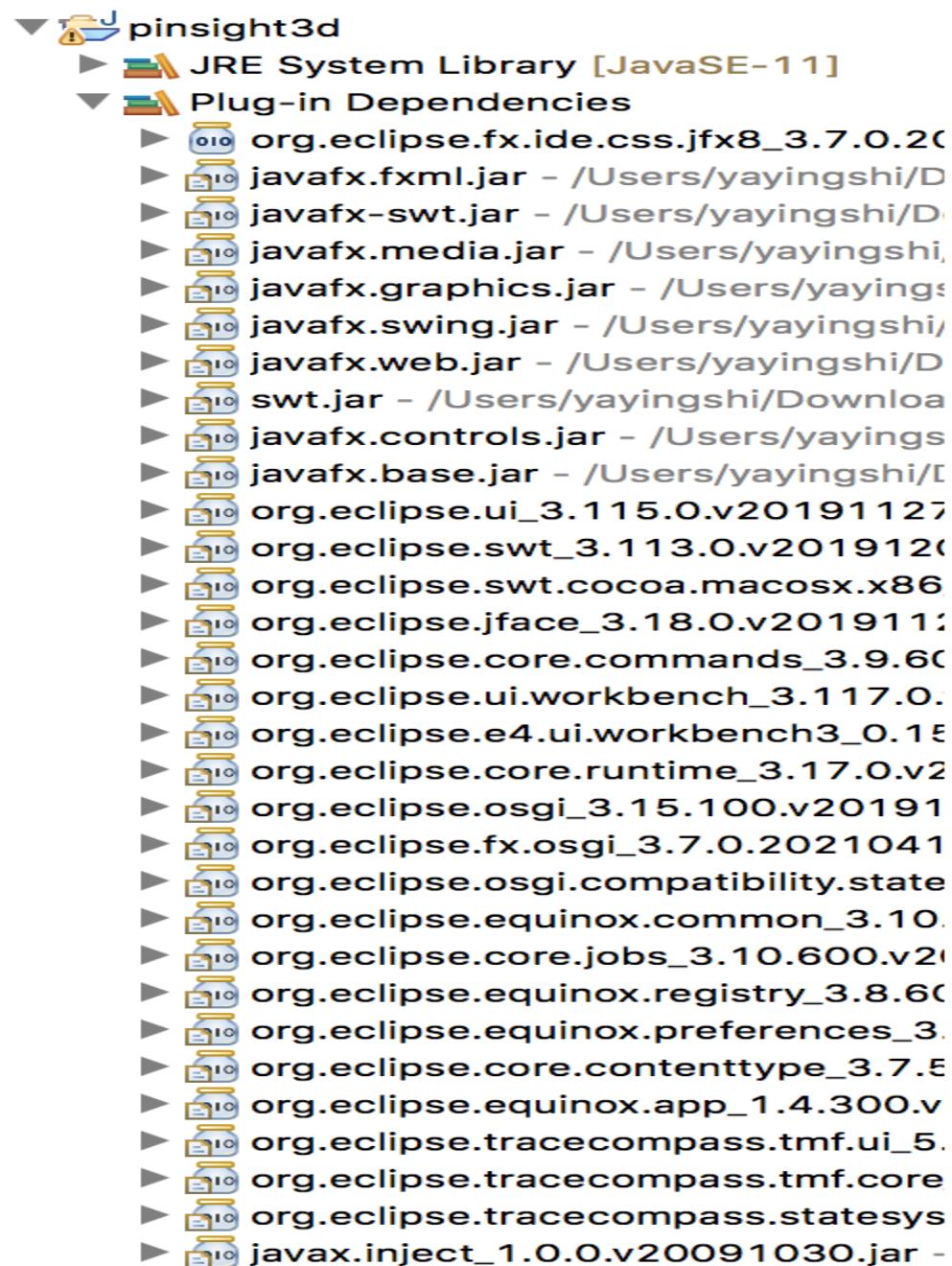
Include required software
Include all environments
Include source if available
Include configure phase

?

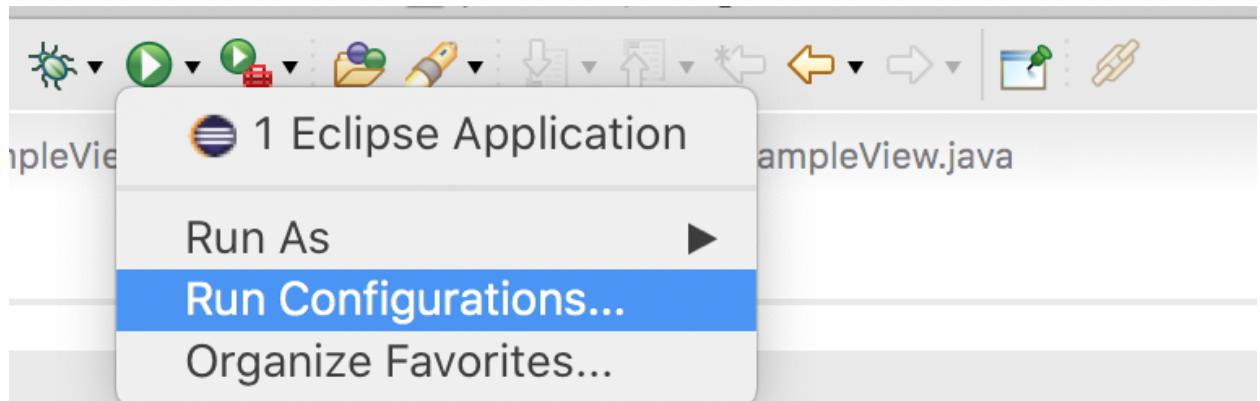
< Back Next > Cancel Finish



12. Create a plug-in project as we did before and make sure you can see the javafx library in the dependencies library:

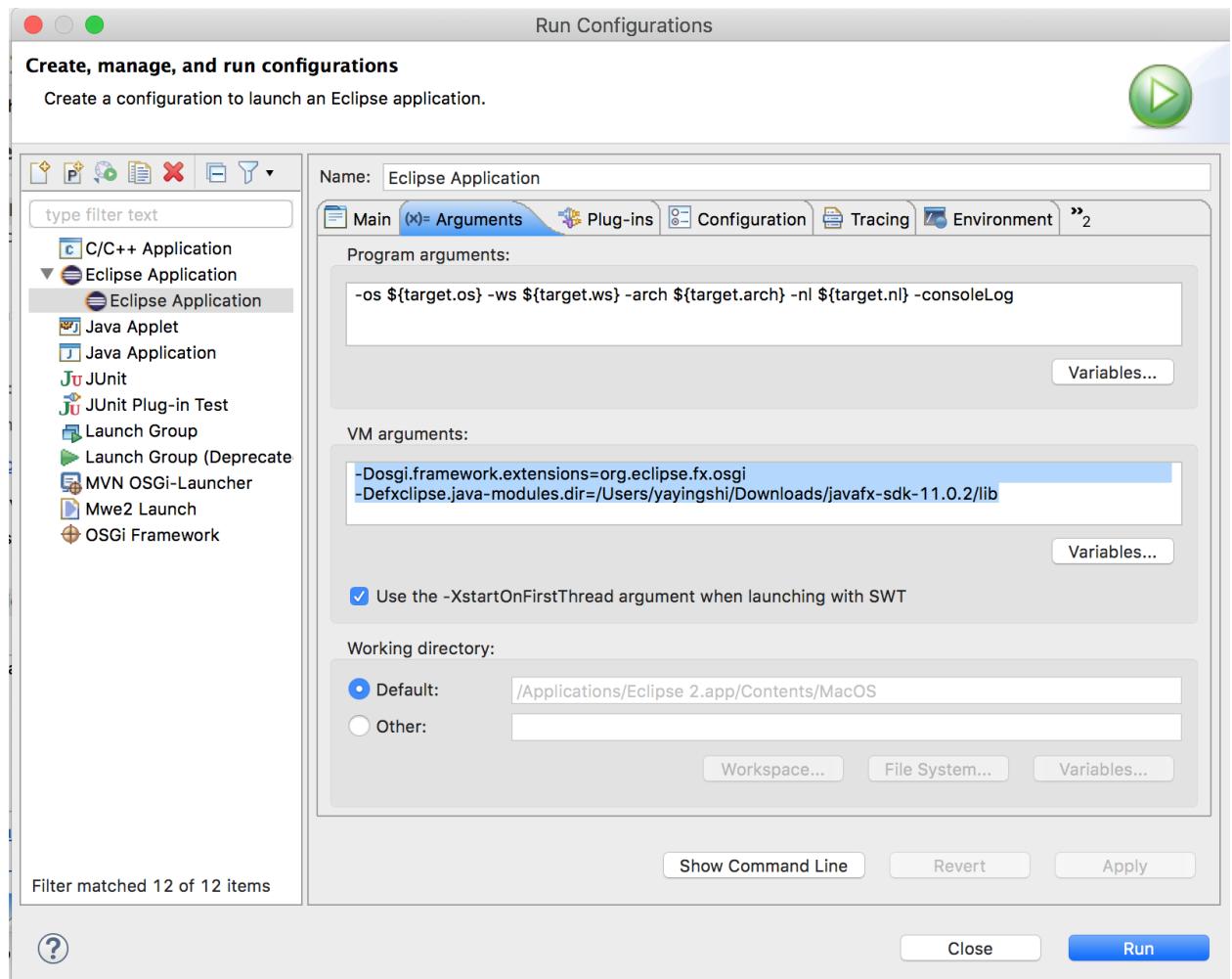


13. Configure your runtime configuration:



General information about this plug-in.

14. Add VM argument:
-Dosgi.framework.extensions=org.eclipse.fx.osgi
-Defxclipse.java-modules.dir=/Users/yayingshi/Downloads/javafx-sdk-11.0.2/lib



15. Run the code at github:

<https://github.com/passlab/pinsight/tree/Eventselect/tracecompass/DebuggerIntegrationExperiment>