

Odysseus FAQ

Target-Plattform

Sometime, eclipse has problems with the target platform. Cannot be loaded etc.

There is not a general solution, but one solution with a high probability to work is:

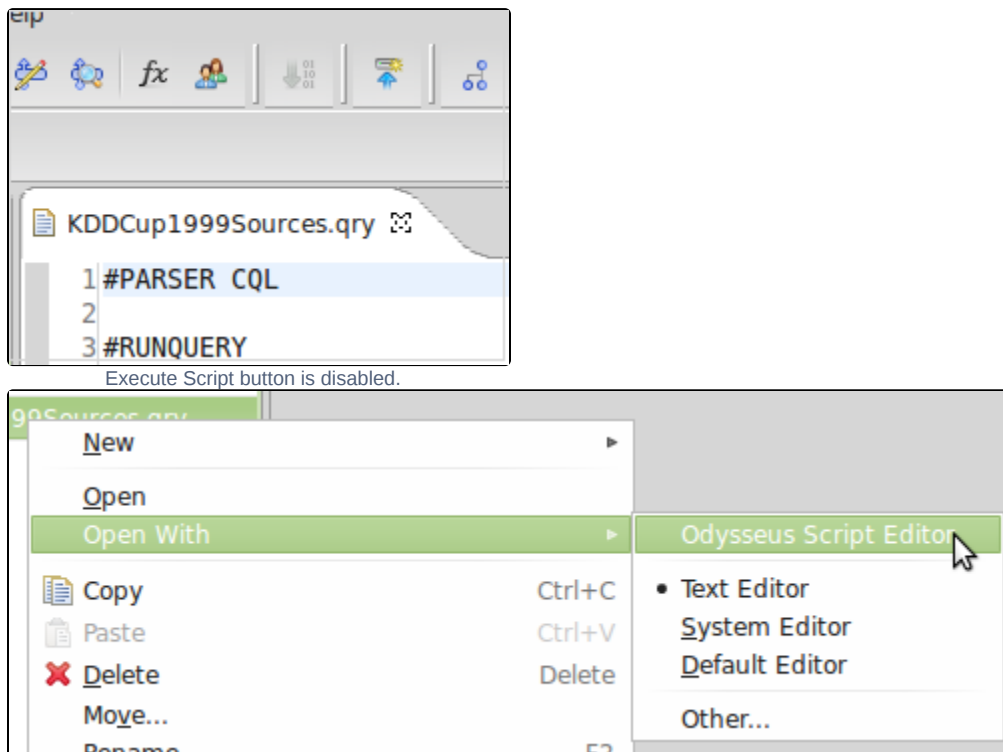
- 1) Open the target file with an text editor.
- 2) Increase the sequenceNumber (e.g. by one):

```
<?pde version="3.8"?><target name="Odysseus Target Platform" sequenceNumber="1502128610">
```

- 3) After saving, eclipse should show something like "Loading target components" ... do not use eclipse at this time, as it may lead to problems 🙄
- 4) Open the target file with the target editor again and click on "Reload Target Platform"

I'm not able to execute an Odysseus script. The execute script button is disabled or I get a `NotEnabledException`.

In the case you have opened a *Odysseus* script and the button for executing the script is disabled (the 5th button from the left in the following picture), check if you have opened the script with the *Odysseus Script Editor*.



If you are able to execute the script in spite of the wrong editor, probably the following exception is raised:

```

!ENTRY org.eclipse.ui 4 4 2014-06-10 11:01:36.782
!MESSAGE Failed to execute item de.uniol.inf.is.odysseus.rcp.editor.text.RunQuery
!STACK 0
org.eclipse.core.commands.NotEnabledException: Trying to execute the disabled command de.uniol.inf.is.odysseus.rcp.editor.text.RunQuery
    at org.eclipse.core.commands.Command.executeWithChecks(Command.java:469)
    at org.eclipse.core.commands.ParameterizedCommand.executeWithChecks(ParameterizedCommand.java:508)
    at org.eclipse.ui.internal.handlers.HandlerService.executeCommand(HandlerService.java:169)
    at org.eclipse.ui.internal.handlers.SlaveHandlerService.executeCommand(SlaveHandlerService.java:241)
    at org.eclipse.ui.menus.CommandContributionItem.handleWidgetSelection(CommandContributionItem.java:829)
    at org.eclipse.ui.menus.CommandContributionItem.access$19(CommandContributionItem.java:815)
    at org.eclipse.ui.menus.CommandContributionItem$5.handleEvent(CommandContributionItem.java:805)
    at org.eclipse.swt.widgets.EventTable.sendEvent(EventTable.java:84)
    at org.eclipse.swt.widgets.Widget.sendEvent(Widget.java:1258)
    at org.eclipse.swt.widgets.Display.runDeferredEvents(Display.java:3588)
    at org.eclipse.swt.widgets.Display.readAndDispatch(Display.java:3209)
    at org.eclipse.ui.internal.Workbench.runEventLoop(Workbench.java:2701)
    at org.eclipse.ui.internal.Workbench.runUI(Workbench.java:2665)
    at org.eclipse.ui.internal.Workbench.access$4(Workbench.java:2499)
    at org.eclipse.ui.internal.Workbench$7.run(Workbench.java:679)
    at org.eclipse.core.databinding.observable.Realm.runWithDefault(Realm.java:332)
    at org.eclipse.ui.internal.Workbench.createAndRunWorkbench(Workbench.java:668)
    at org.eclipse.ui.PlatformUI.createAndRunWorkbench(PlatformUI.java:149)
    at de.uniol.inf.is.odysseus.product.studio.starter.OdysseusStudioApplication.start
    (OdysseusStudioApplication.java:68)
    at org.eclipse.equinox.internal.app.EclipseAppHandle.run(EclipseAppHandle.java:196)
    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.runApplication
    (EclipseAppLauncher.java:110)
    at org.eclipse.core.runtime.internal.adaptor.EclipseAppLauncher.start(EclipseAppLauncher.java:79)
    at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:344)
    at org.eclipse.core.runtime.adaptor.EclipseStarter.run(EclipseStarter.java:179)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:606)
    at org.eclipse.equinox.launcher.Main.invokeFramework(Main.java:622)
    at org.eclipse.equinox.launcher.Main.basicRun(Main.java:577)
    at org.eclipse.equinox.launcher.Main.run(Main.java:1410)
    at org.eclipse.equinox.launcher.Main.main(Main.java:1386)

```

Display problems on Linux

If you encounter any display problems using Odysseus on Linux it might be a problem with GTK3 (especially with Wayland). You typically get a lot of messages such as

```

Gtk-WARNING **: Allocating size to GtkToolbar 0x7fbc150431b0 without calling gtk_widget_get_preferred_width
/height(). How does the code know the size to allocate?

```

Try changing the launcher GTK version to 2 in the studio.ini file:

```
--launcher.GTK_version 2
```

Alternatively you can start Odysseus via the console. Move into the Odysseus directory and type

```
export SWT_GTK3=0

./studio
```

If you are developing with Odysseus, you can also define this variable in Eclipse. Just go to you debug or run configurations and then into the tab "Environment" and add "SWT_GTK3" with the value "0".