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學習

eclipse-plugin

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#eclipse-
plugin

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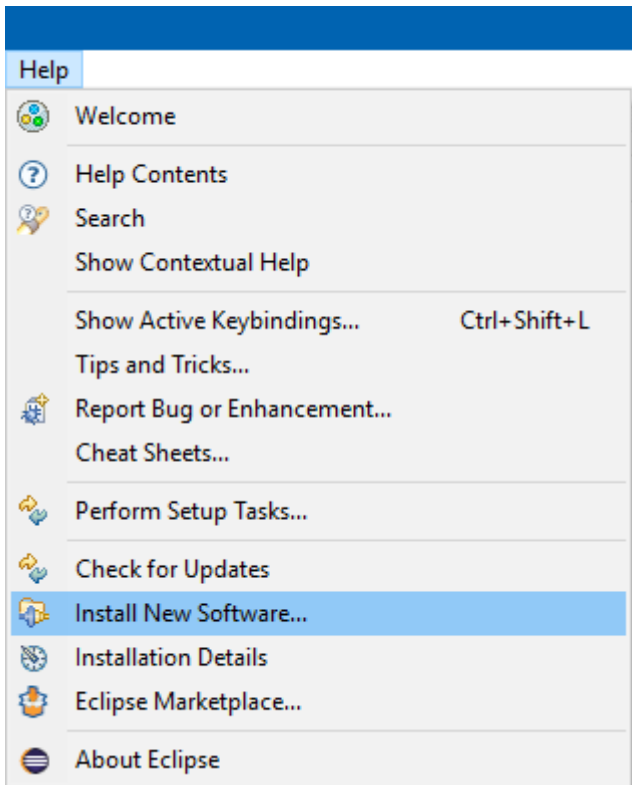
1: eclipse-plugin

eclipse-plugin。

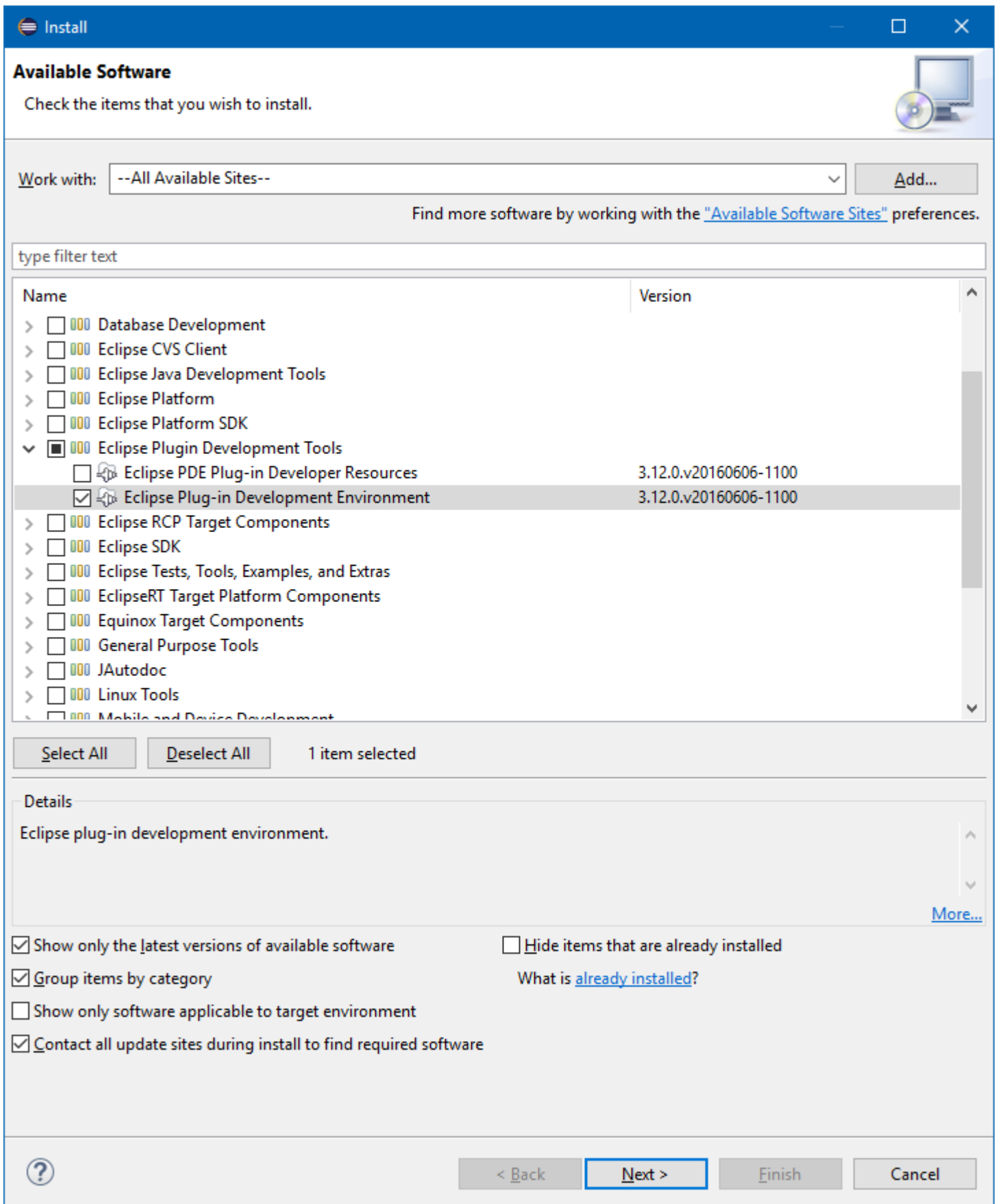
eclipse-plugin。 eclipse-plugin。

Examples

Eclipse IDE for Java Developers Eclipse“ ” - >“ ... ”



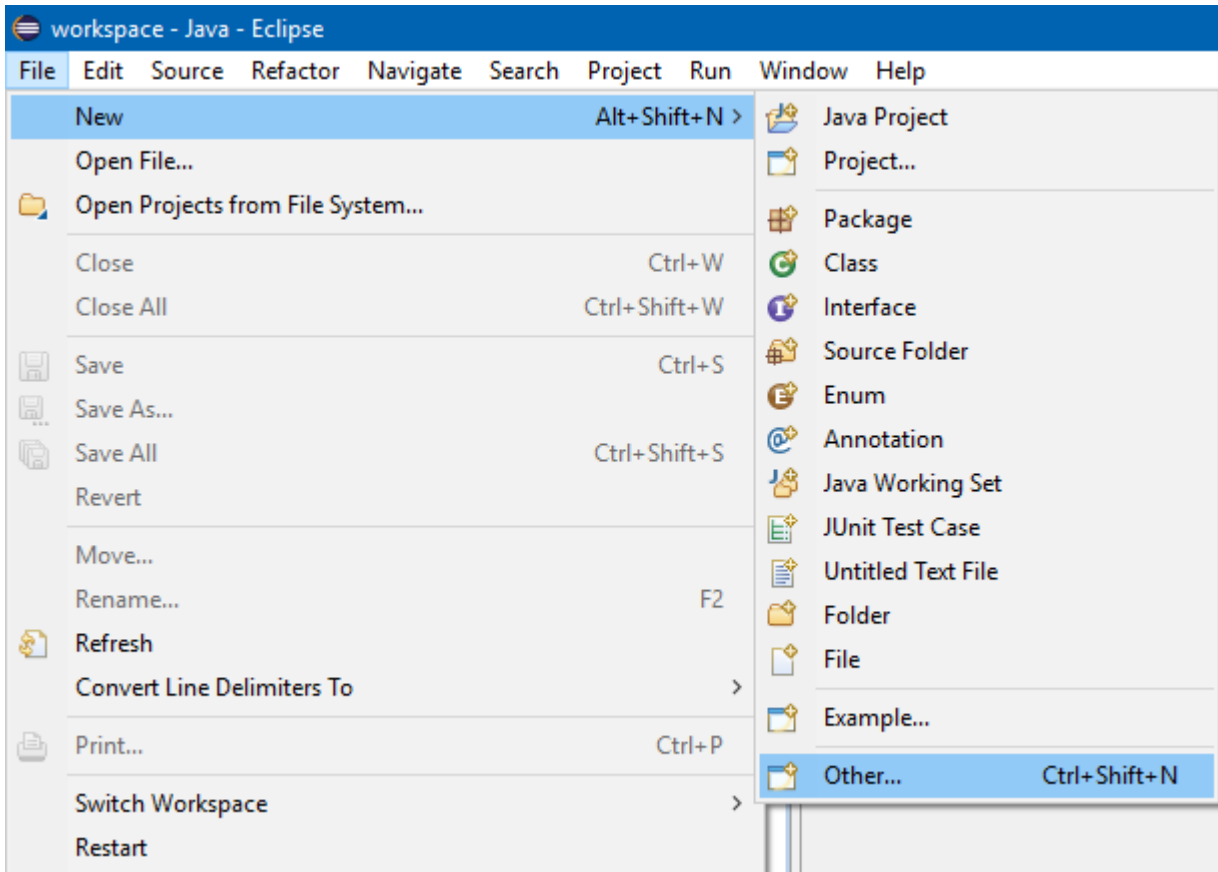
“ ”“ - -”“ Eclipse ”。 “ Eclipse Plug-in Development Environment ”。



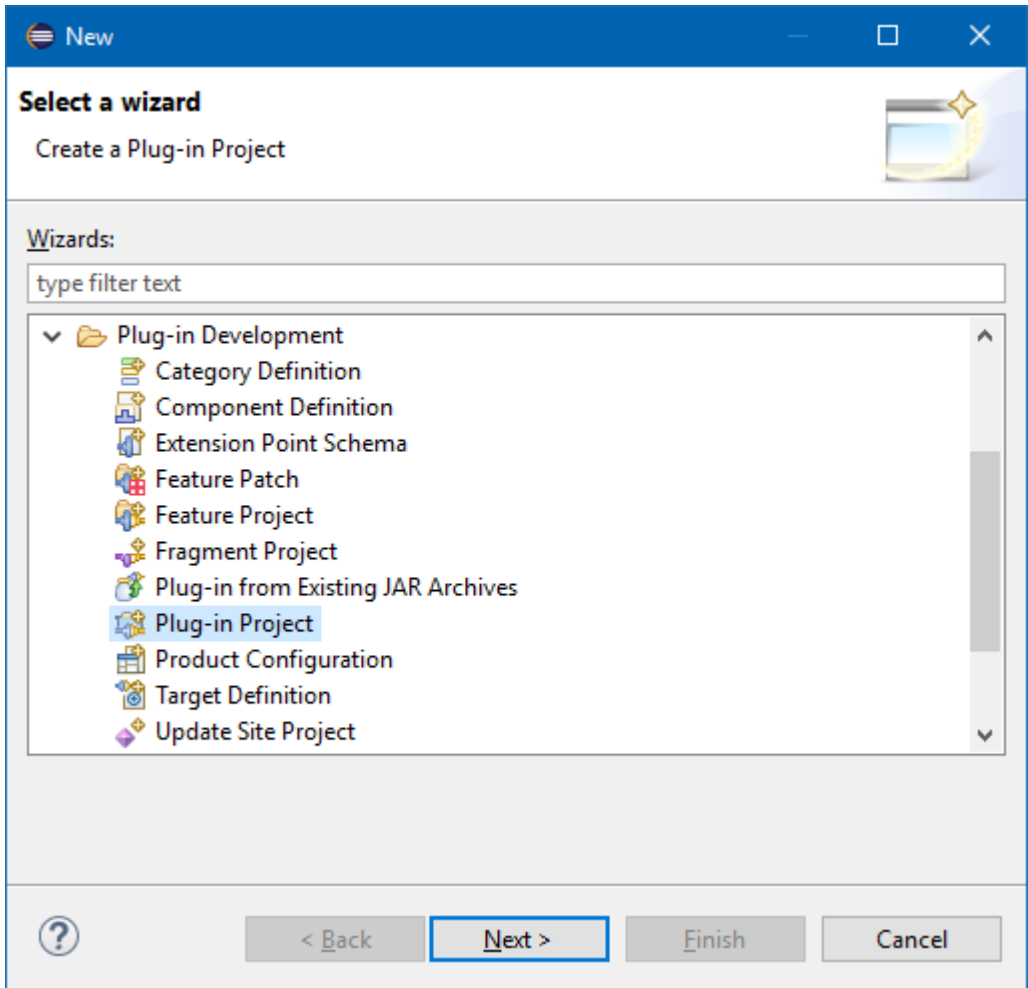
“ ”Eclipse。 “ ”。

Eclipse。

EclipseHello World → → ...

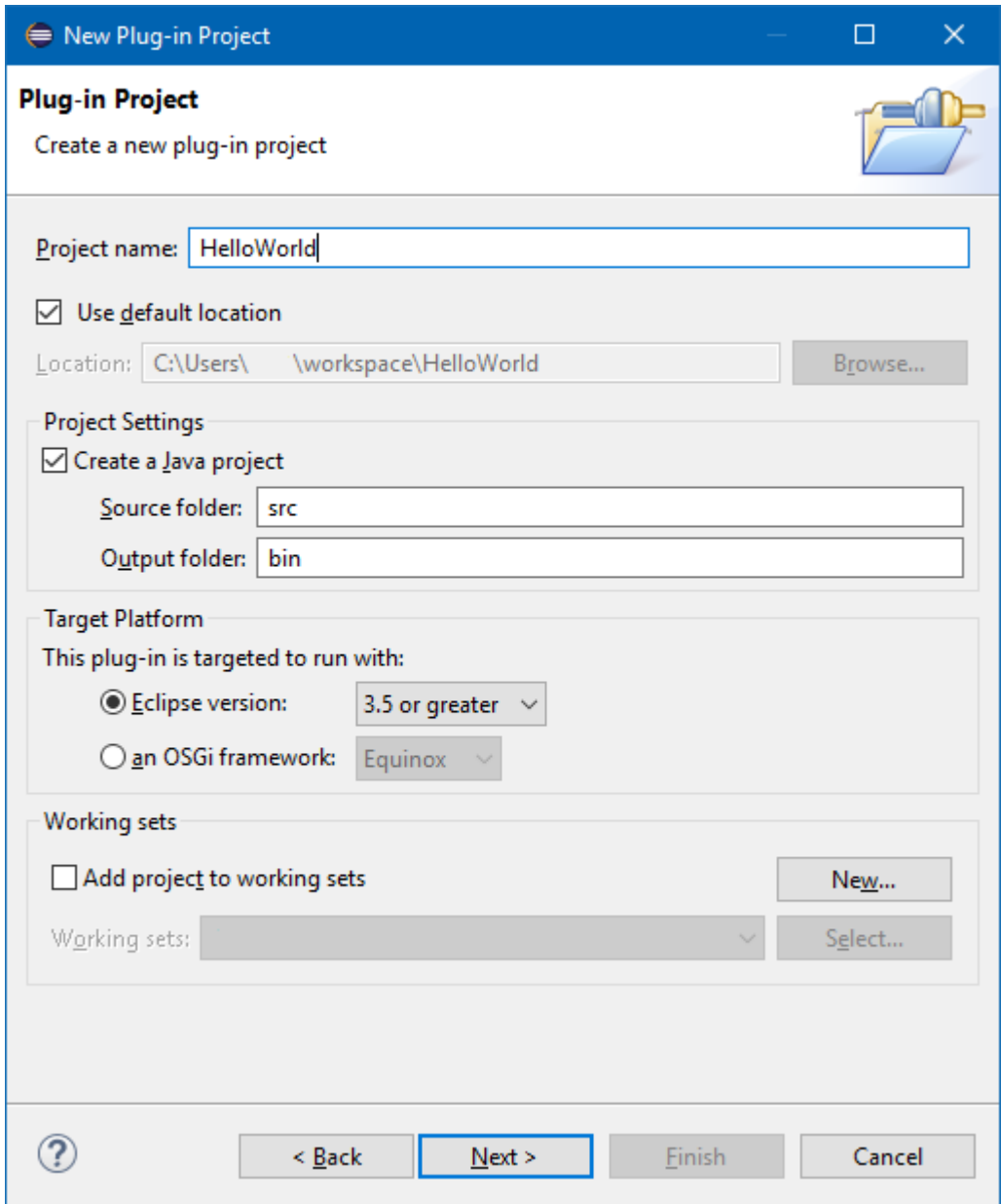


Plug-in ProjectNext>



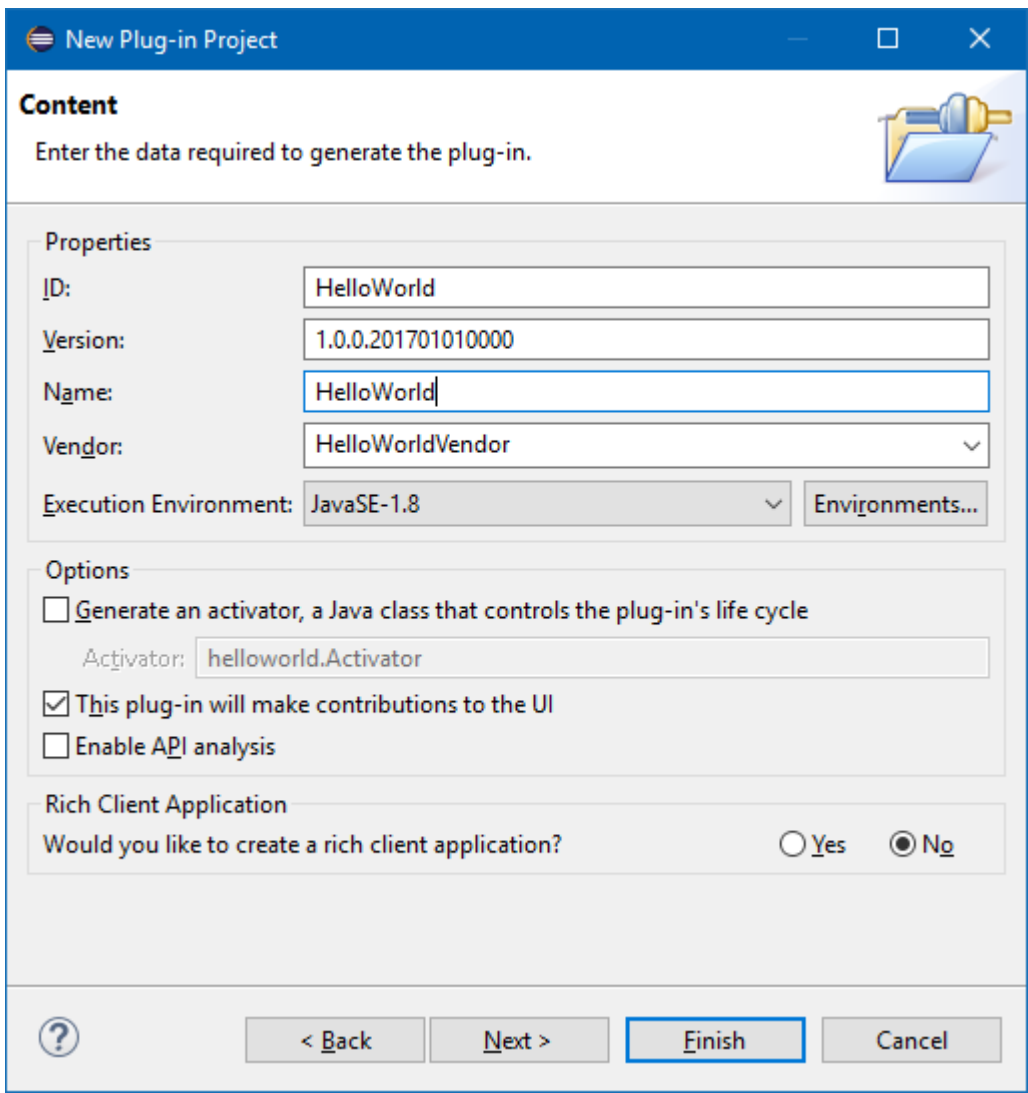
New Plug-in Project.

HelloWorldNext>

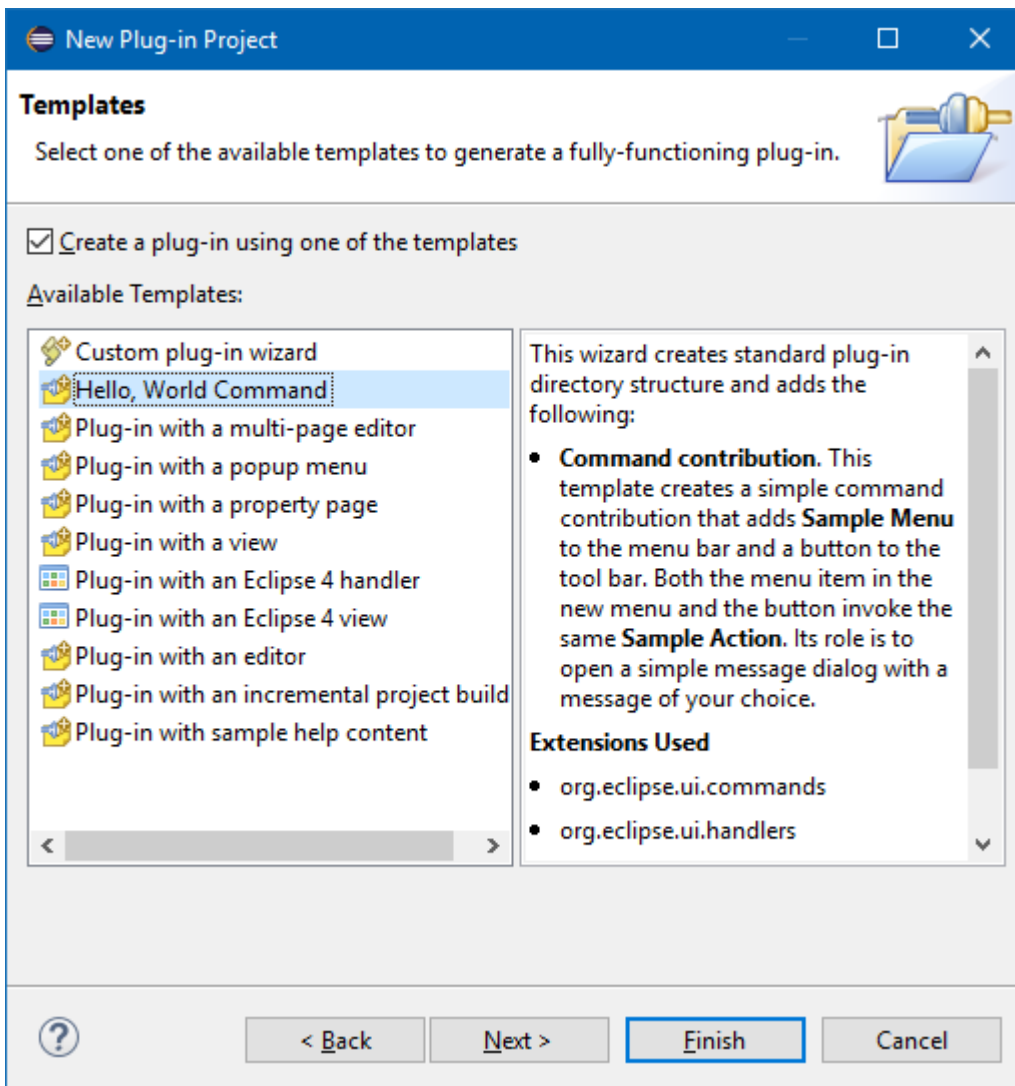


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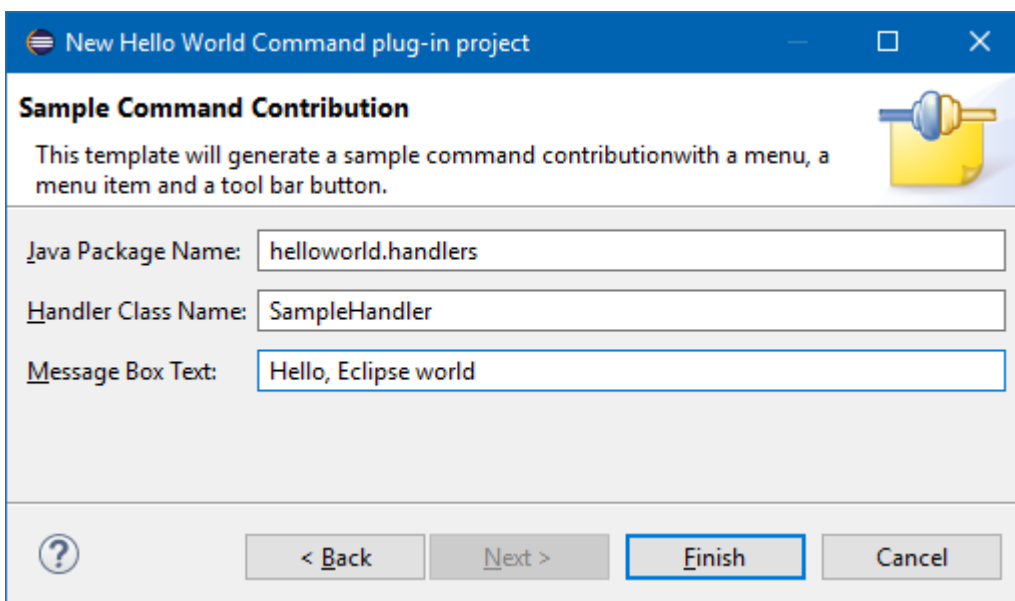
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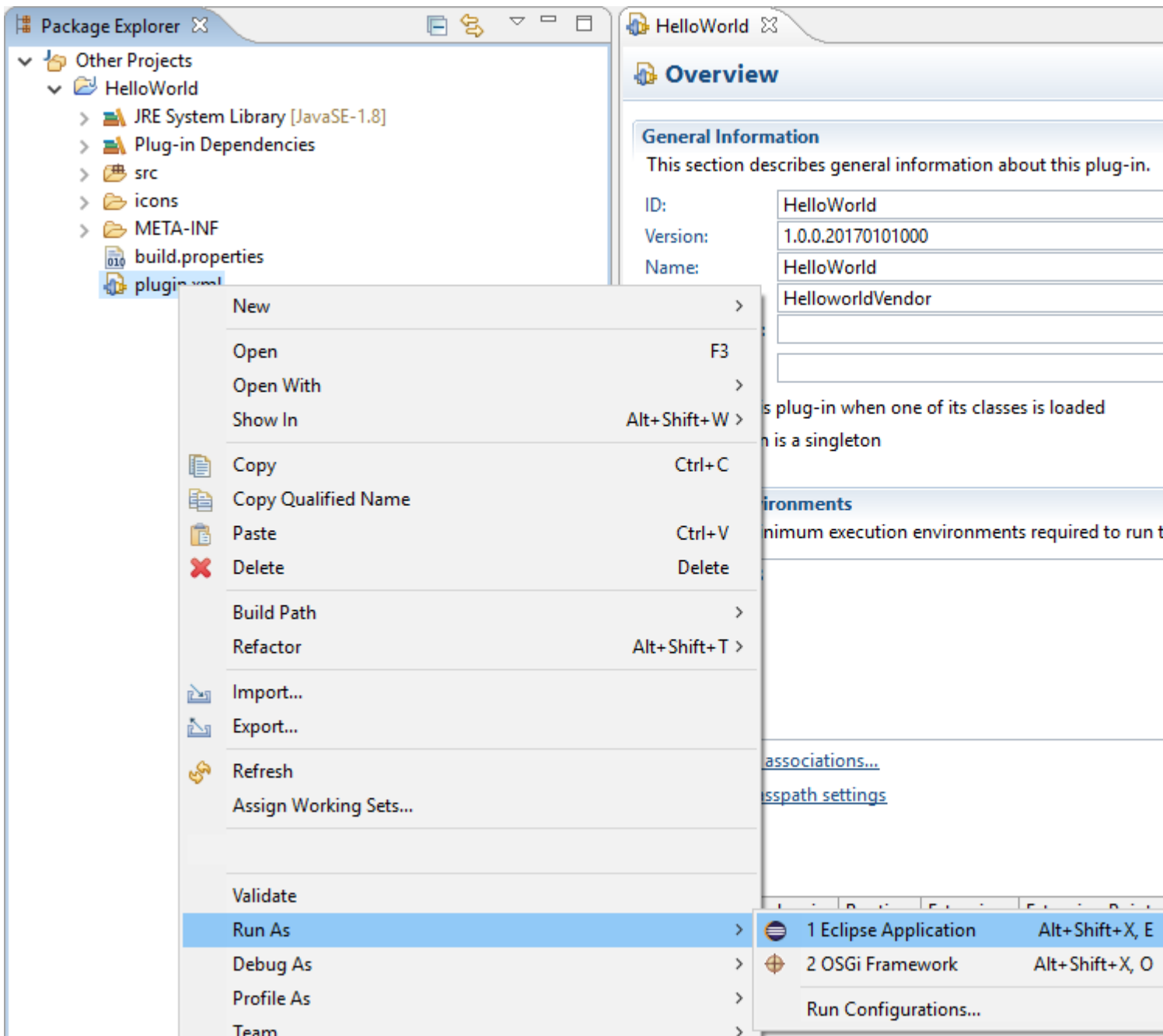


HelloWorld CommandHandler.



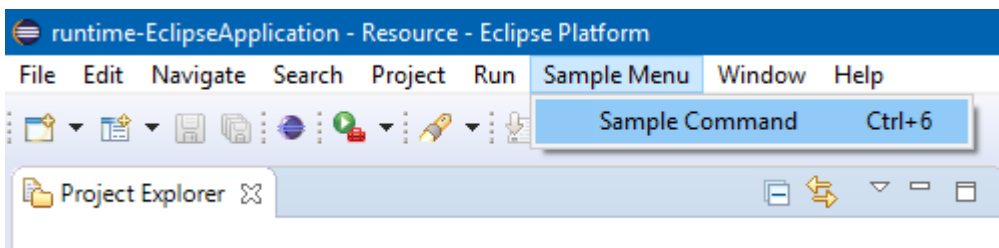
→ Eclipse *plugin.xml* →

Eclipse.



Hello World Eclipse GUI3

1.



plugin.xml

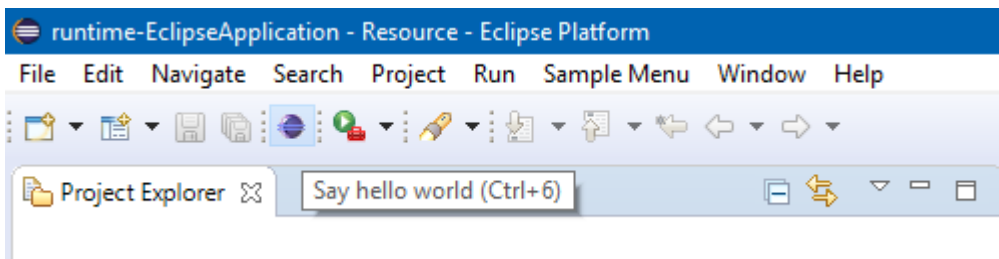
```
<extension
    point="org.eclipse.ui.menu">
  <menuContribution
```

```

        locationURI="menu:org.eclipse.ui.main.menu?after=additions">
<menu
    label="Sample Menu"
    mnemonic="M"
    id="HelloWorld.menus.sampleMenu">
    <command
        commandId="HelloWorld.commands.sampleCommand"
        mnemonic="S"
        id="HelloWorld.menus.sampleCommand">
    </command>
</menu>
</menuContribution>
</extension>

```

2.



plugin.xml

```

<extension
    point="org.eclipse.ui.menus">
    <menuContribution
        locationURI="toolbar:org.eclipse.ui.main.toolbar?after=additions">
        <toolbar
            id="HelloWorld.toolbars.sampleToolbar">
            <command
                commandId="HelloWorld.commands.sampleCommand"
                icon="icons/sample.gif"
                tooltip="Say hello world"
                id="HelloWorld.toolbars.sampleCommand">
            </command>
        </toolbar>
    </menuContribution>
</extension>

```

3. Ctrl + 6

plugin.xml

```

<extension
    point="org.eclipse.ui.bindings">
    <key
        commandId="HelloWorld.commands.sampleCommand"
        contextId="org.eclipse.ui.contexts.window"
        sequence="M1+6"
        schemeId="org.eclipse.ui.defaultAcceleratorConfiguration">
    </key>
</extension>

```

Handler

plugin.xml

```
<extension
    point="org.eclipse.ui.commands">
    <category
        name="Sample Category"
        id="HelloWorld.commands.category">
    </category>
    <command
        name="Sample Command"
        categoryId="HelloWorld.commands.category"
        id="HelloWorld.commands.sampleCommand">
    </command>
</extension>
<extension
    point="org.eclipse.ui.handlers">
    <handler
        commandId="HelloWorld.commands.sampleCommand"
        class="helloworld.handlers.SampleHandler">
    </handler>
</extension>
```

SampleHandler.java

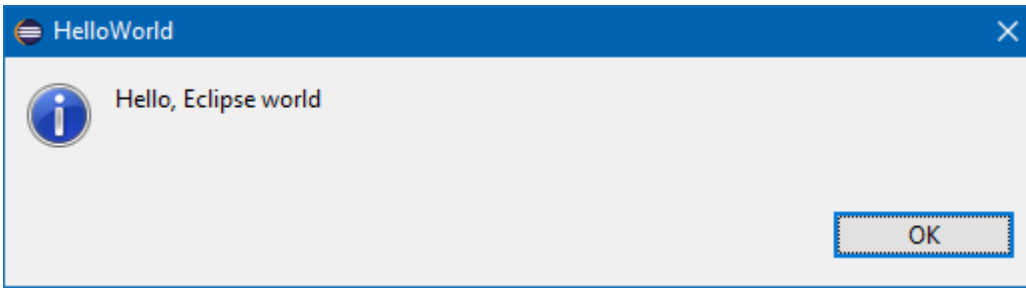
```
package helloworld.handlers;

import org.eclipse.core.commands.AbstractHandler;
import org.eclipse.core.commands.ExecutionEvent;
import org.eclipse.core.commands.ExecutionException;
import org.eclipse.ui.IWorkbenchWindow;
import org.eclipse.ui.handlers.HandlerUtil;
import org.eclipse.jface.dialogs.MessageDialog;

/**
 * Our sample handler extends AbstractHandler, an IHandler base class.
 * @see org.eclipse.core.commands.IHandler
 * @see org.eclipse.core.commands.AbstractHandler
 */
public class SampleHandler extends AbstractHandler {

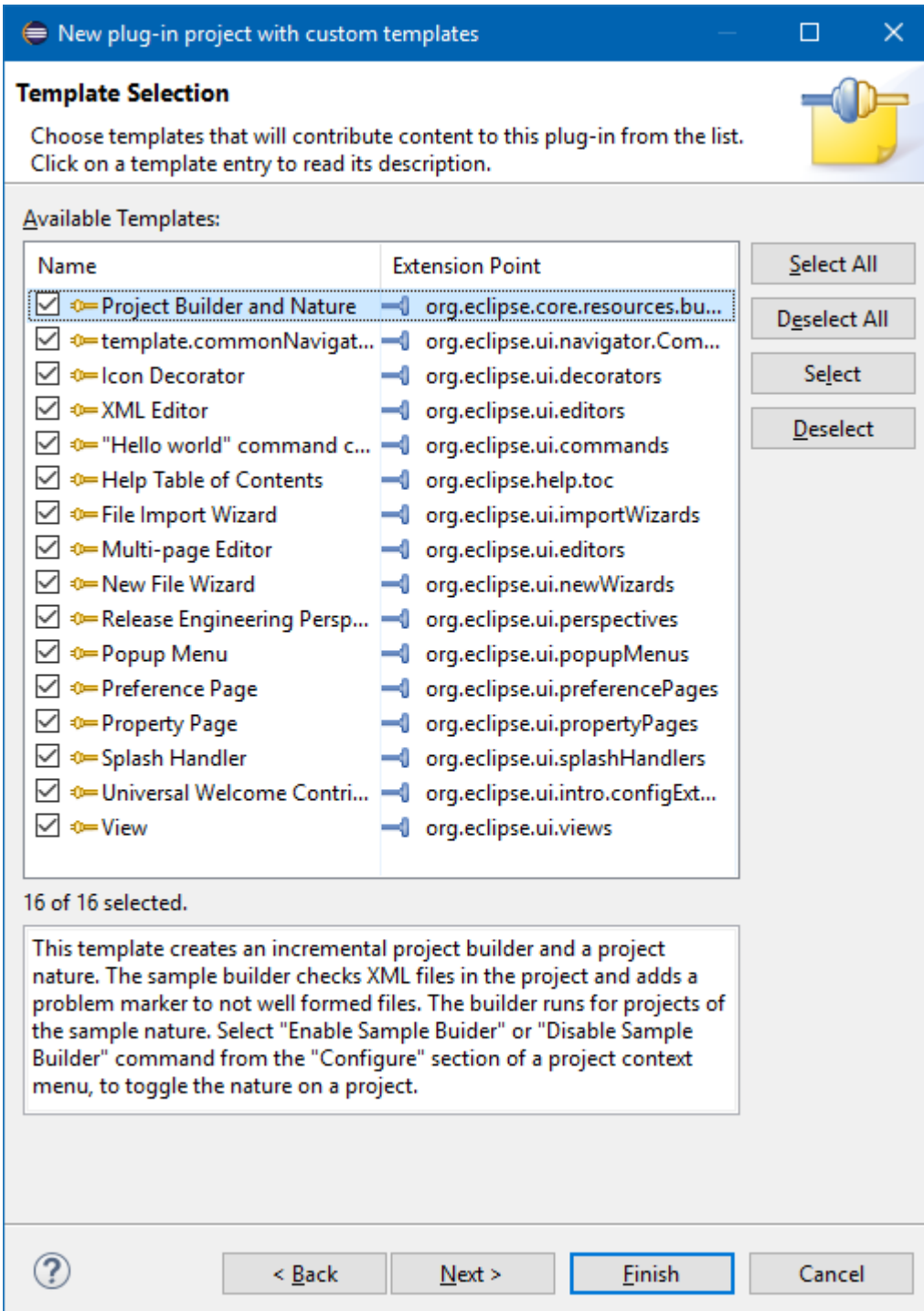
    @Override
    public Object execute(ExecutionEvent event) throws ExecutionException {
        IWorkbenchWindow window = HandlerUtil.getActiveWorkbenchWindowChecked(event);
        MessageDialog.openInformation(
            window.getShell(),
            "HelloWorld",
            "Hello, Eclipse world");
        return null;
    }
}
```

HandlerMessageBox



Hello World.

Custom



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