



Java Training for Customers

Create a Project (MIDlet Suite)

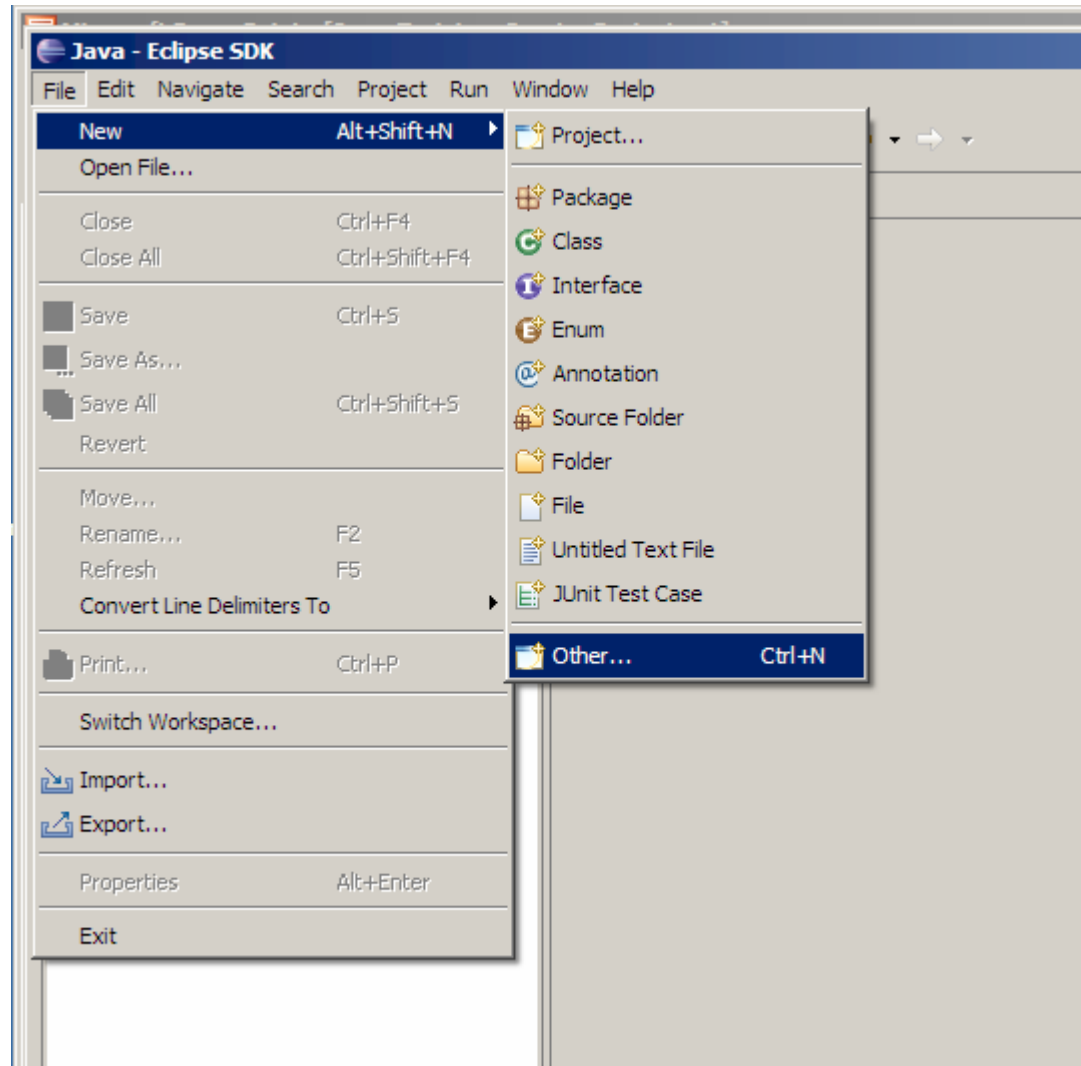
Eclipse, EclipseME, Siemens TC65 SDK

SIEMENS

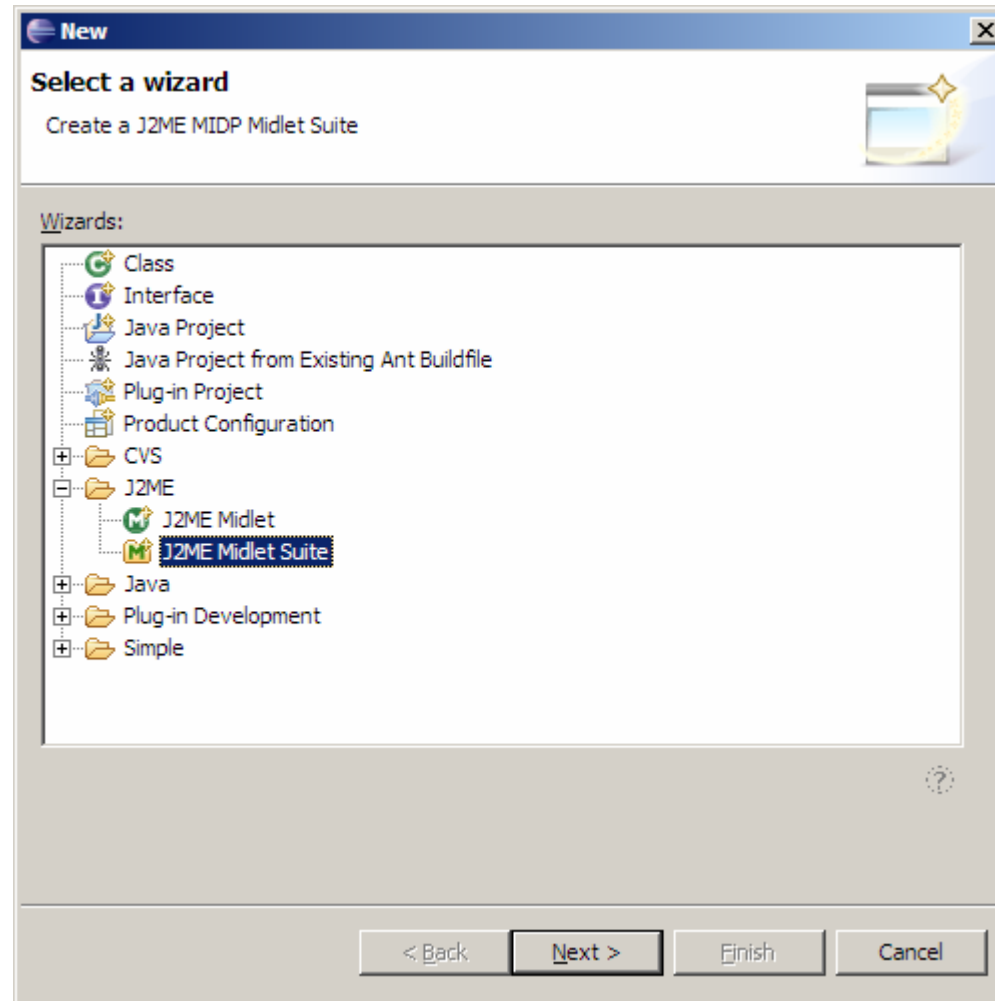
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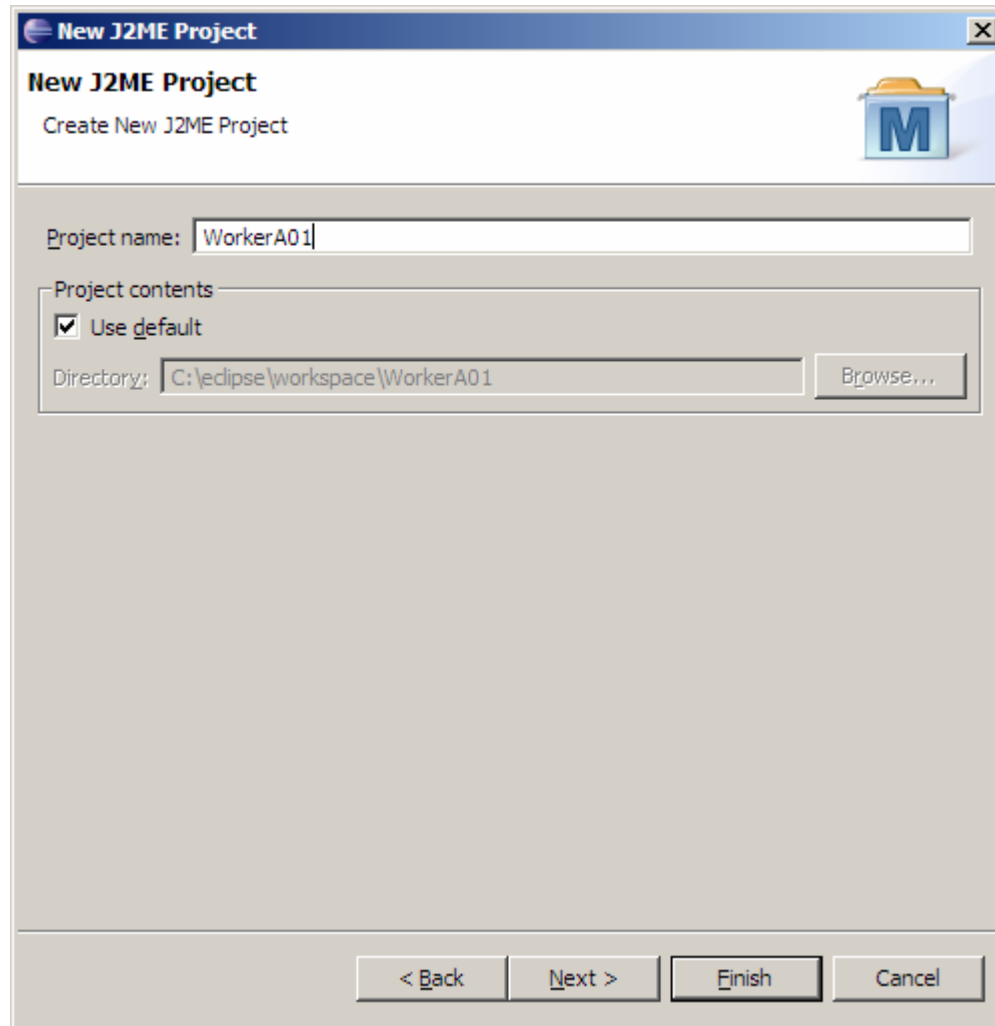
Open the „New“ Wizard Menu



Select the J2ME MIDlet Suite Wizard



Enter the Project Name



The screenshot shows the 'New J2ME Project' dialog box. The title bar reads 'New J2ME Project'. Below the title bar, the text 'New J2ME Project' is displayed, followed by 'Create New J2ME Project'. A folder icon with a blue 'M' is visible in the top right corner. The 'Project name:' field contains the text 'WorkerA01'. Under the 'Project contents' section, the checkbox 'Use default' is checked. The 'Directory:' field shows the path 'C:\eclipse\workspace\WorkerA01', and a 'Browse...' button is located to its right. At the bottom of the dialog, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'.

New J2ME Project

Create New J2ME Project

Project name: WorkerA01

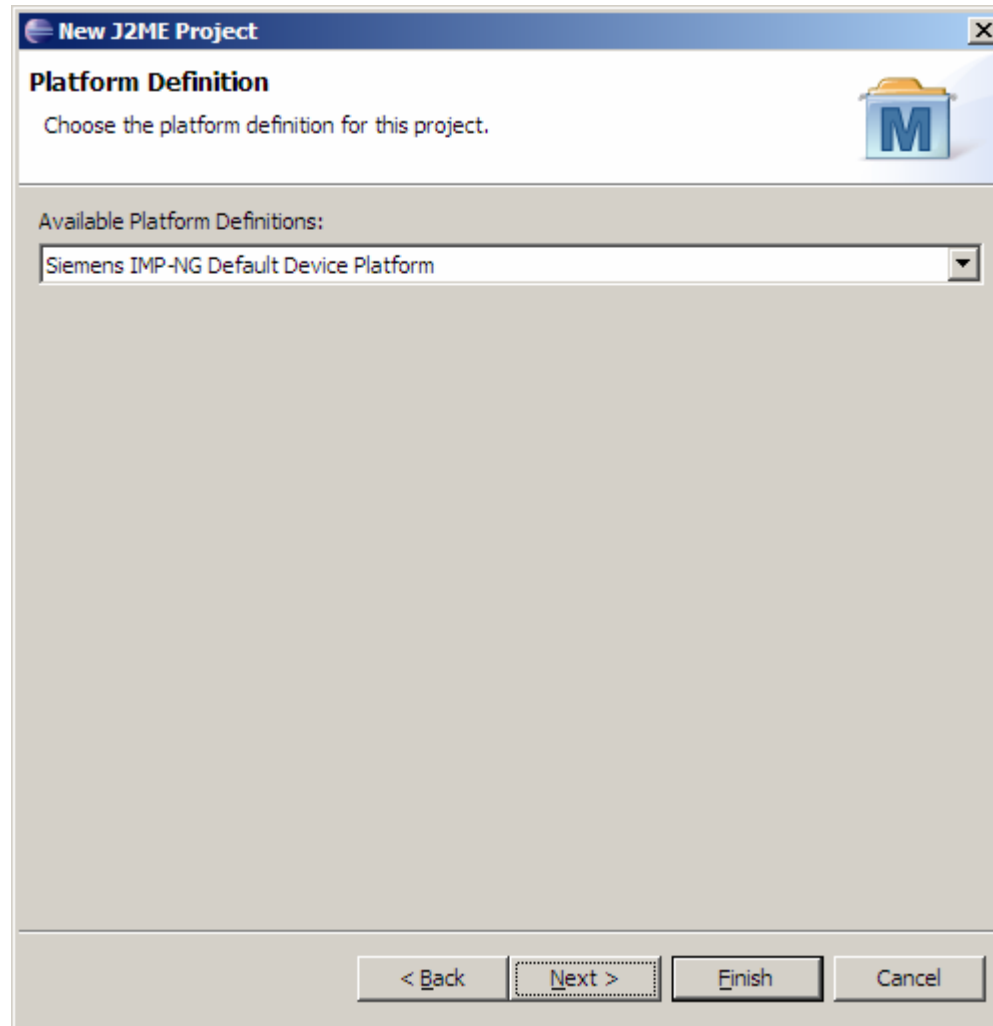
Project contents

☒ Use default

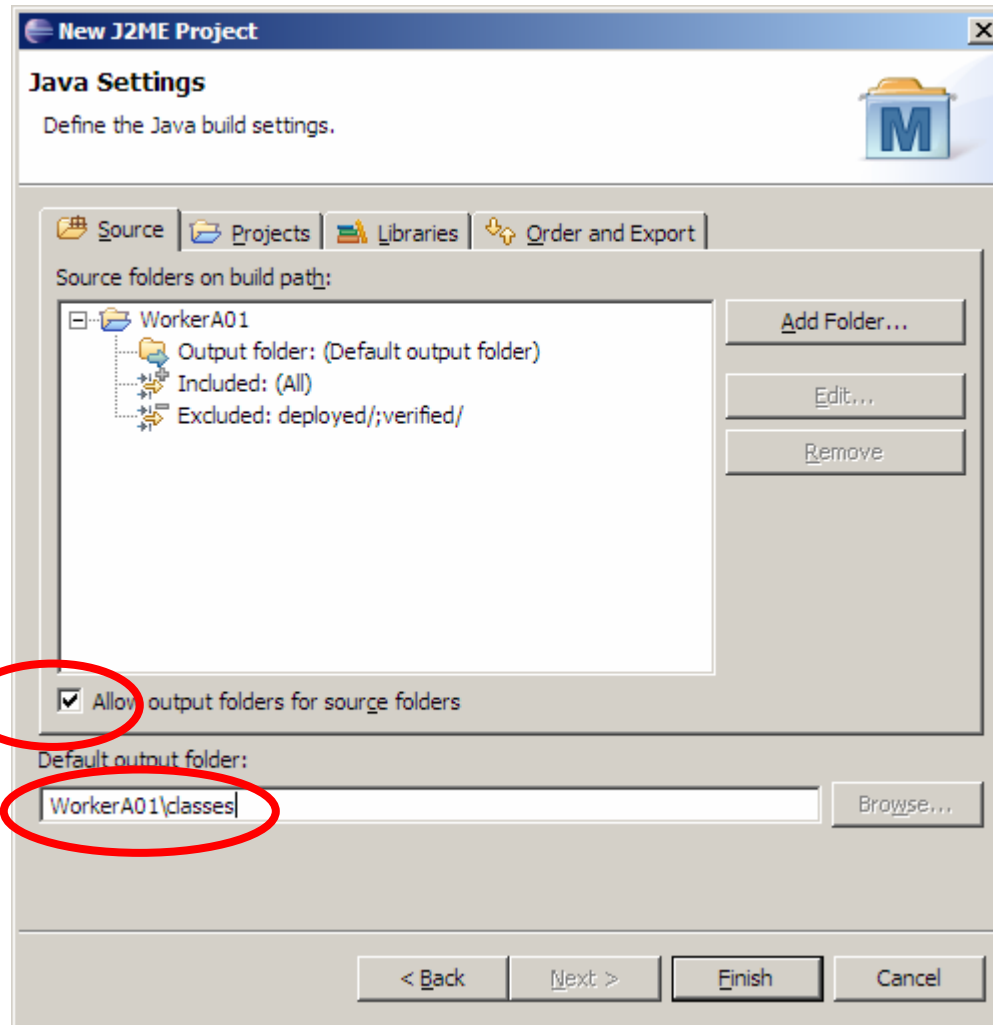
Directory: C:\eclipse\workspace\WorkerA01 Browse...

< Back Next > Finish Cancel

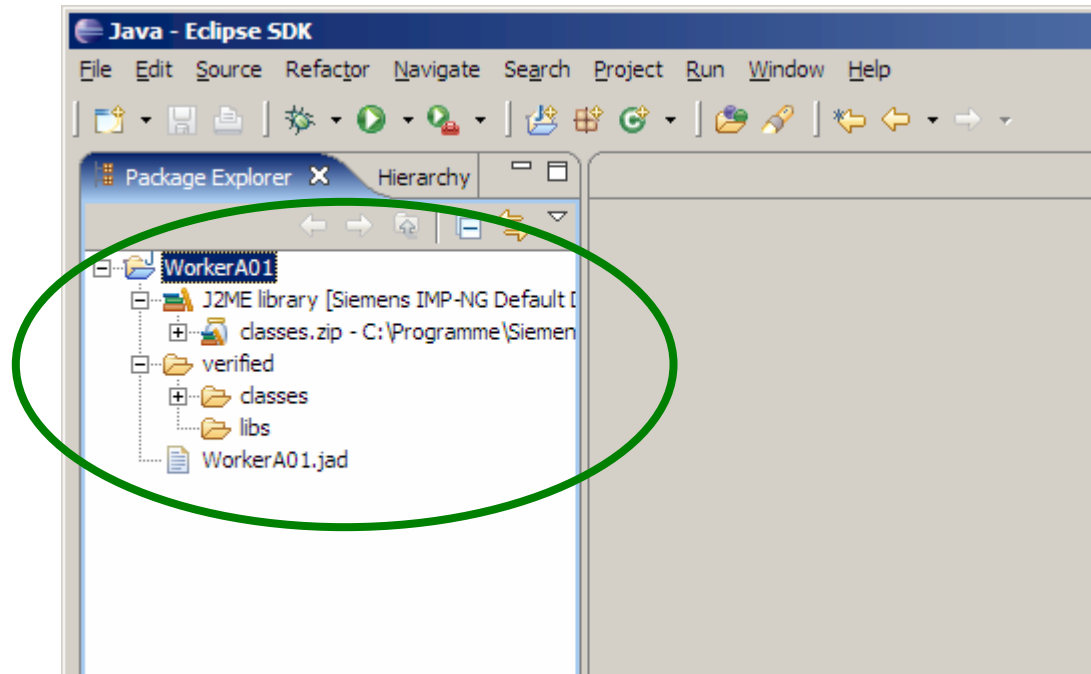
Select the Platform Definition



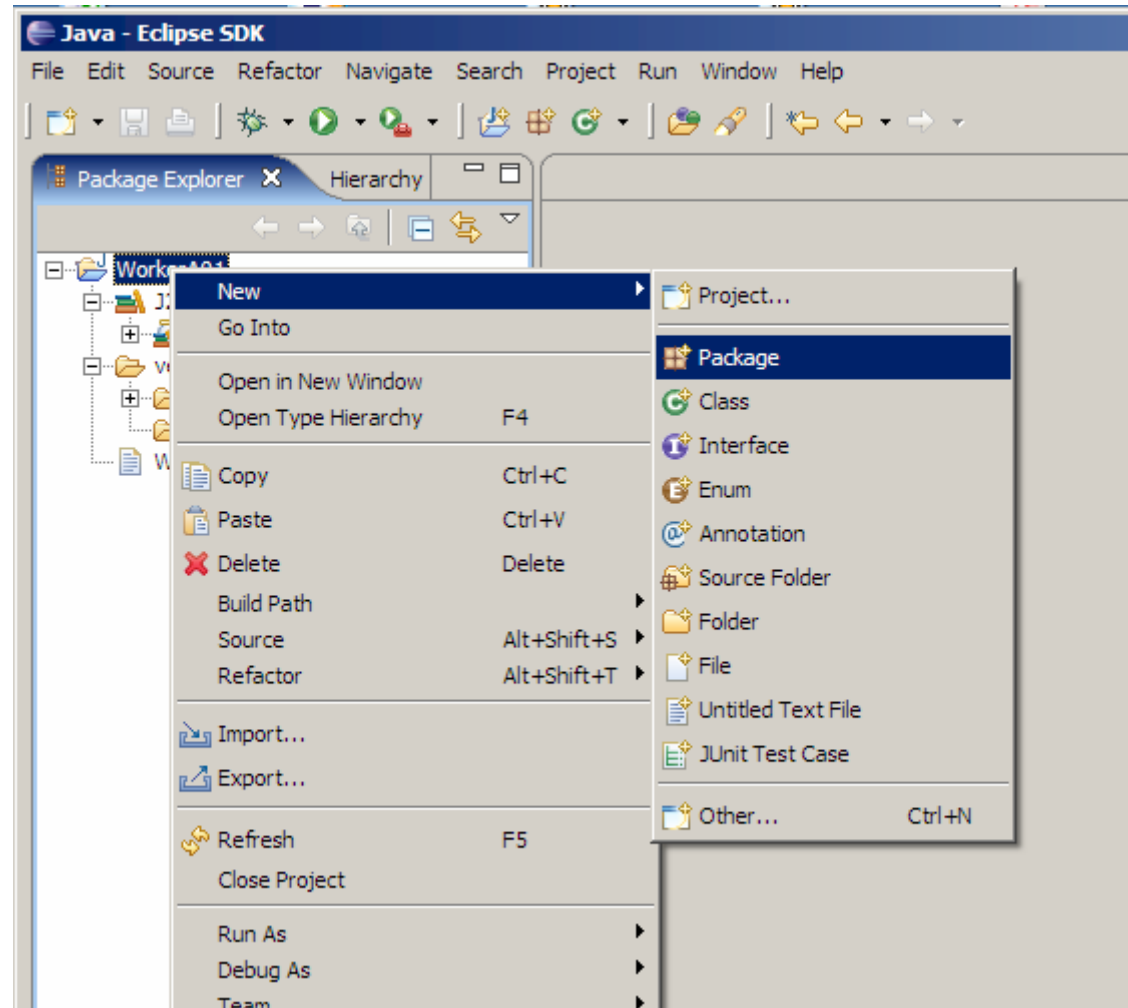
Define the Output Folders



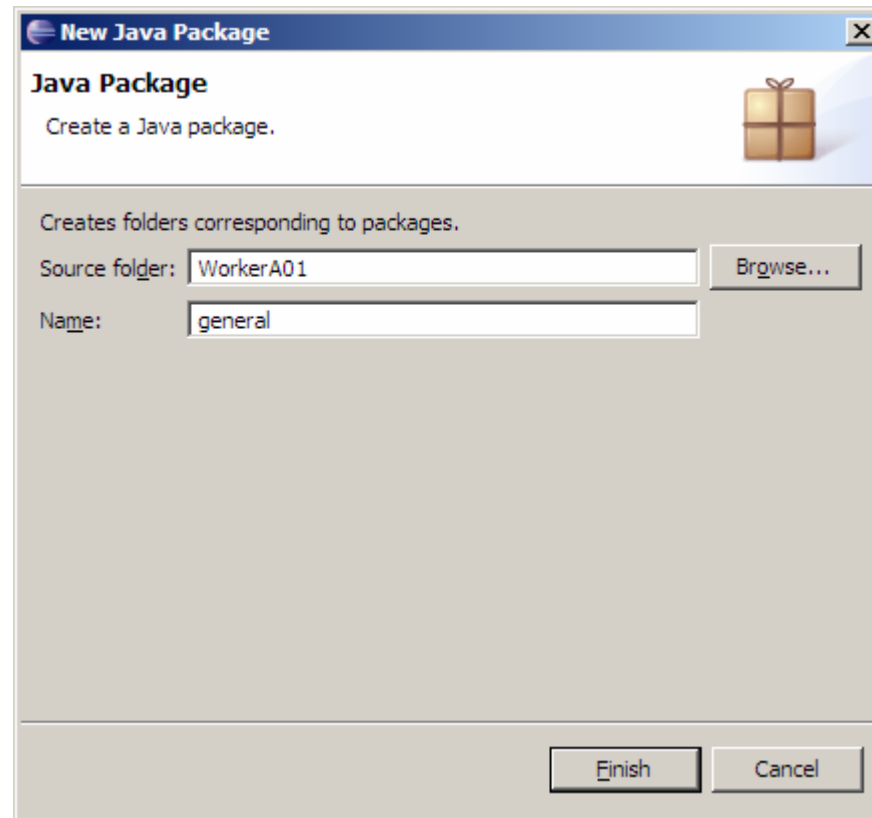
Check the Generated Project



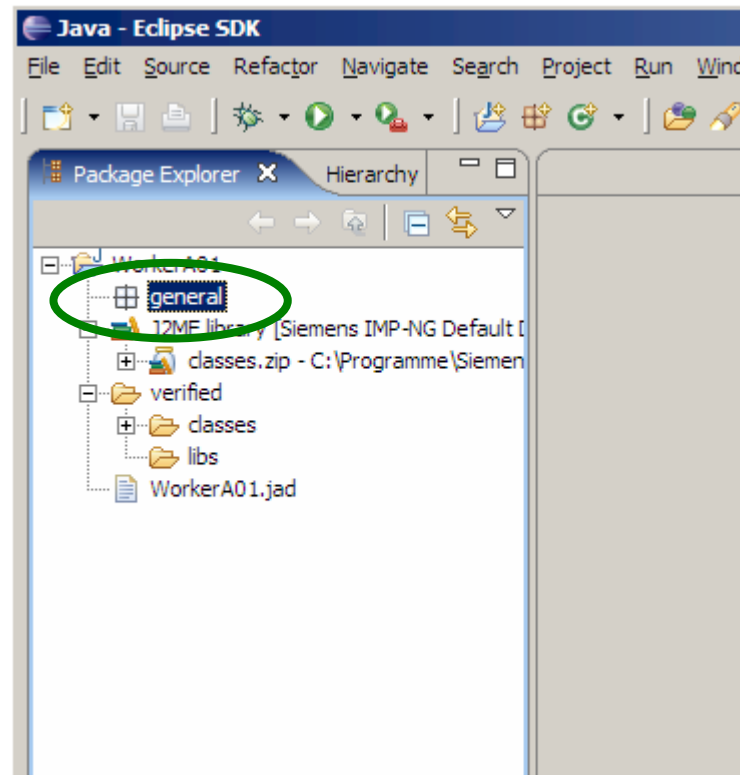
Create a New Package



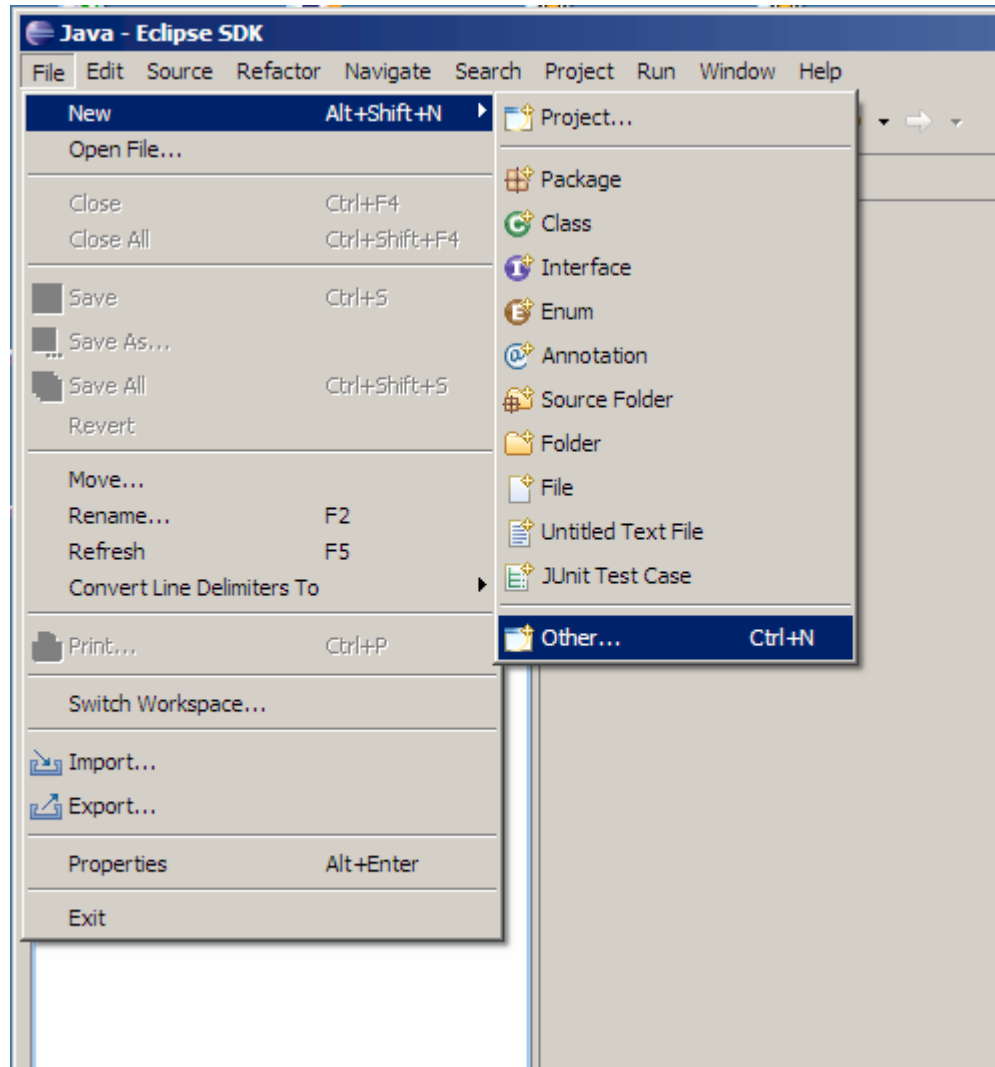
Enter the Name of the Package



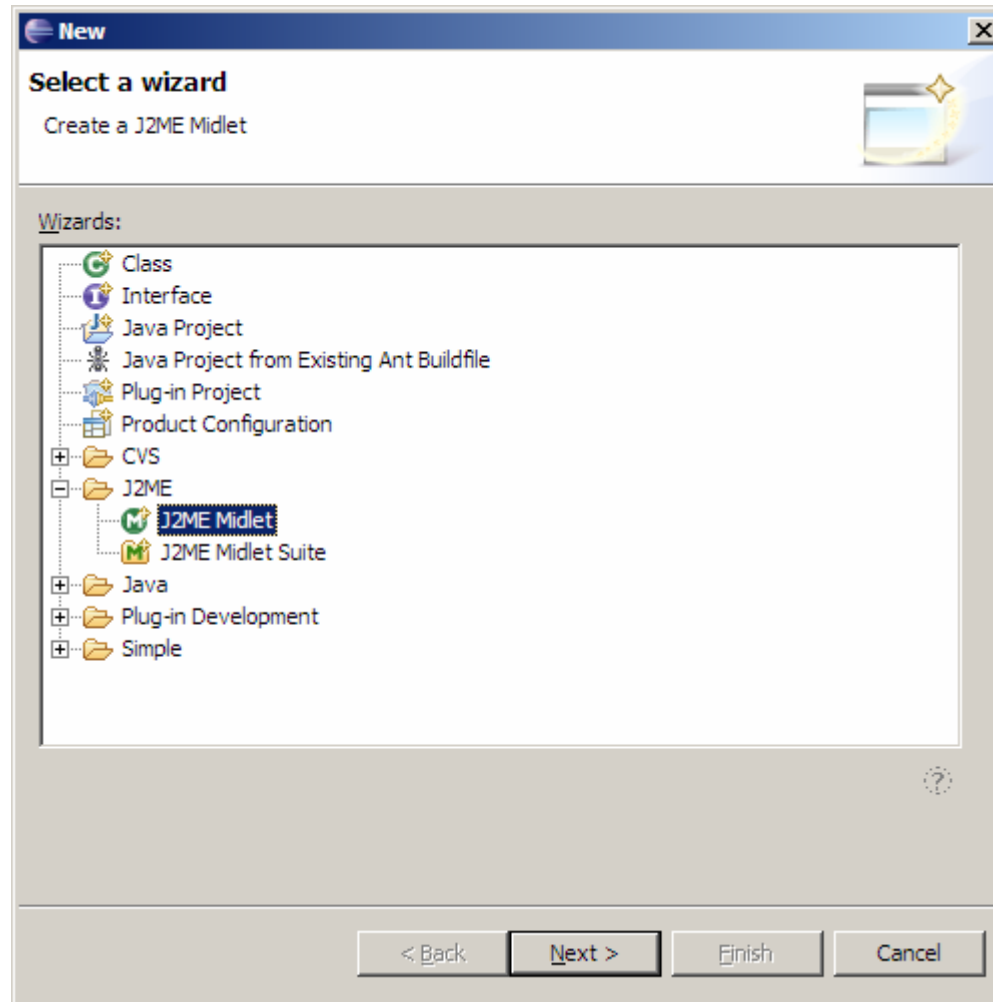
Check the Generated Package



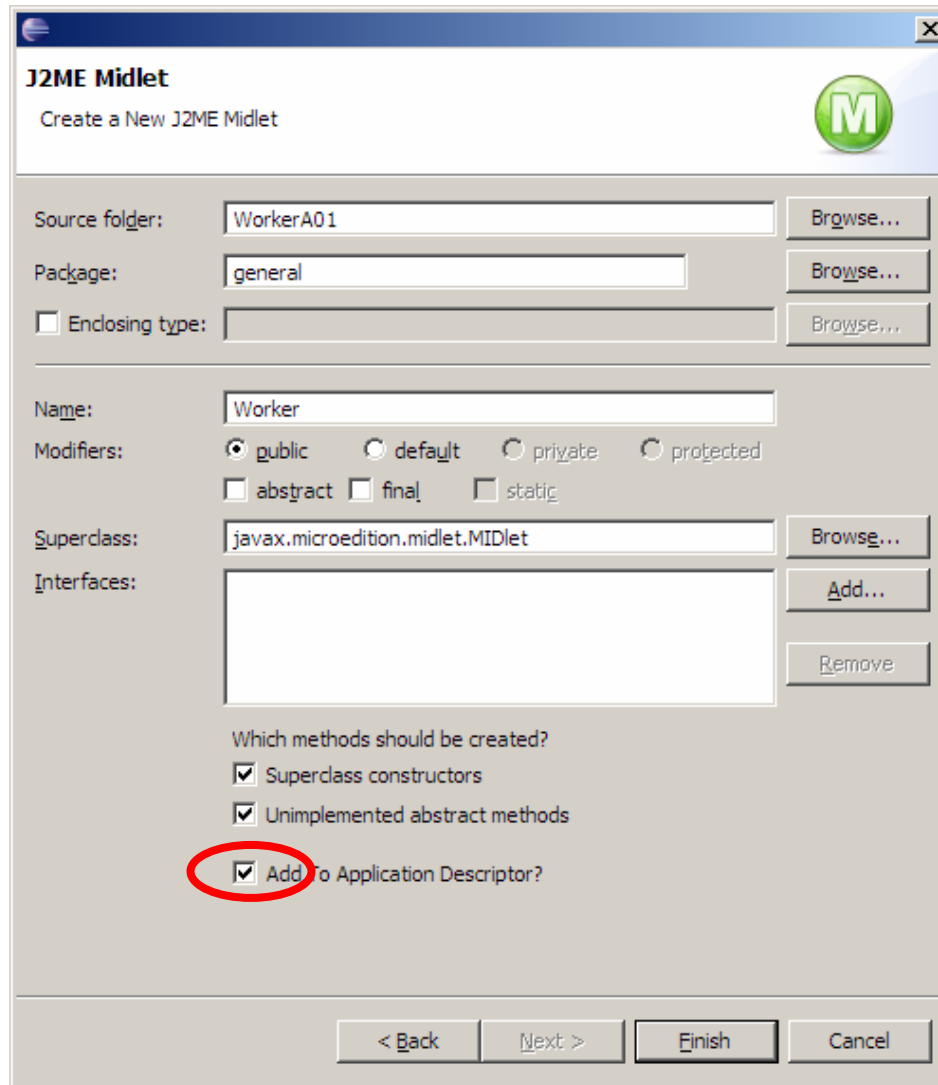
Open the „New“ Wizard Menu



Select the J2ME MIDlet Wizard



Enter the MIDlet Name



The image shows a 'J2ME Midlet' dialog box with the title 'Create a New J2ME Midlet'. It contains several input fields and checkboxes. The 'Name' field is set to 'Worker'. The 'Source folder' is 'WorkerA01', 'Package' is 'general', and 'Enclosing type' is empty. The 'Superclass' is 'javax.microedition.midlet.MIDlet'. The 'Interfaces' list is empty. Under 'Which methods should be created?', the checkboxes for 'Superclass constructors', 'Unimplemented abstract methods', and 'Add To Application Descriptor?' are all checked. The 'Add To Application Descriptor?' checkbox is circled in red. At the bottom are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

J2ME Midlet
Create a New J2ME Midlet

Source folder: Browse...

Package: Browse...

☐ Enclosing type: Browse...

Name:

Modifiers: ☒ public ☐ default ☐ private ☐ protected
☐ abstract ☐ final ☐ static

Superclass: Browse...

Interfaces: Add... Remove

Which methods should be created?

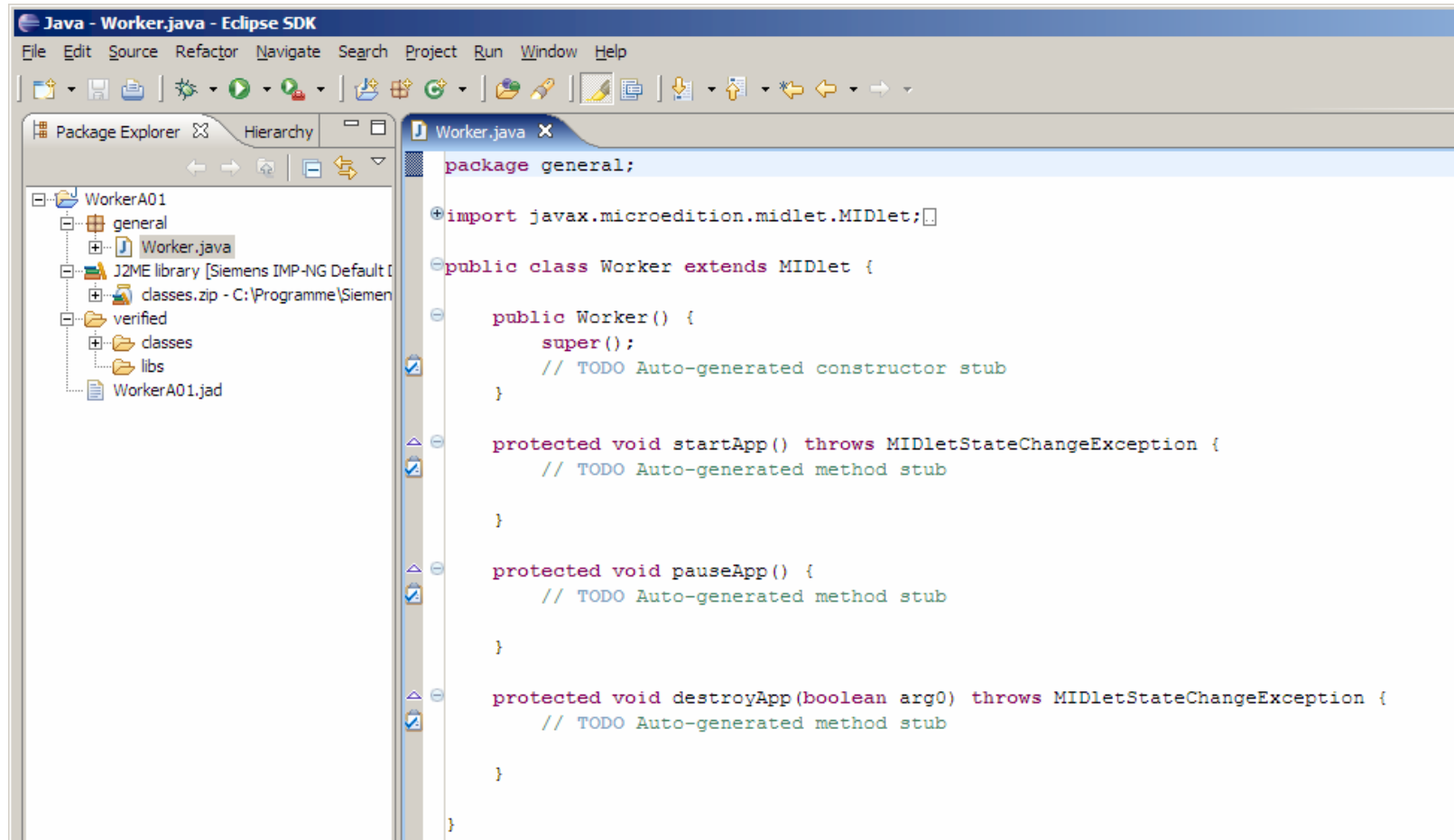
☒ Superclass constructors

☒ Unimplemented abstract methods

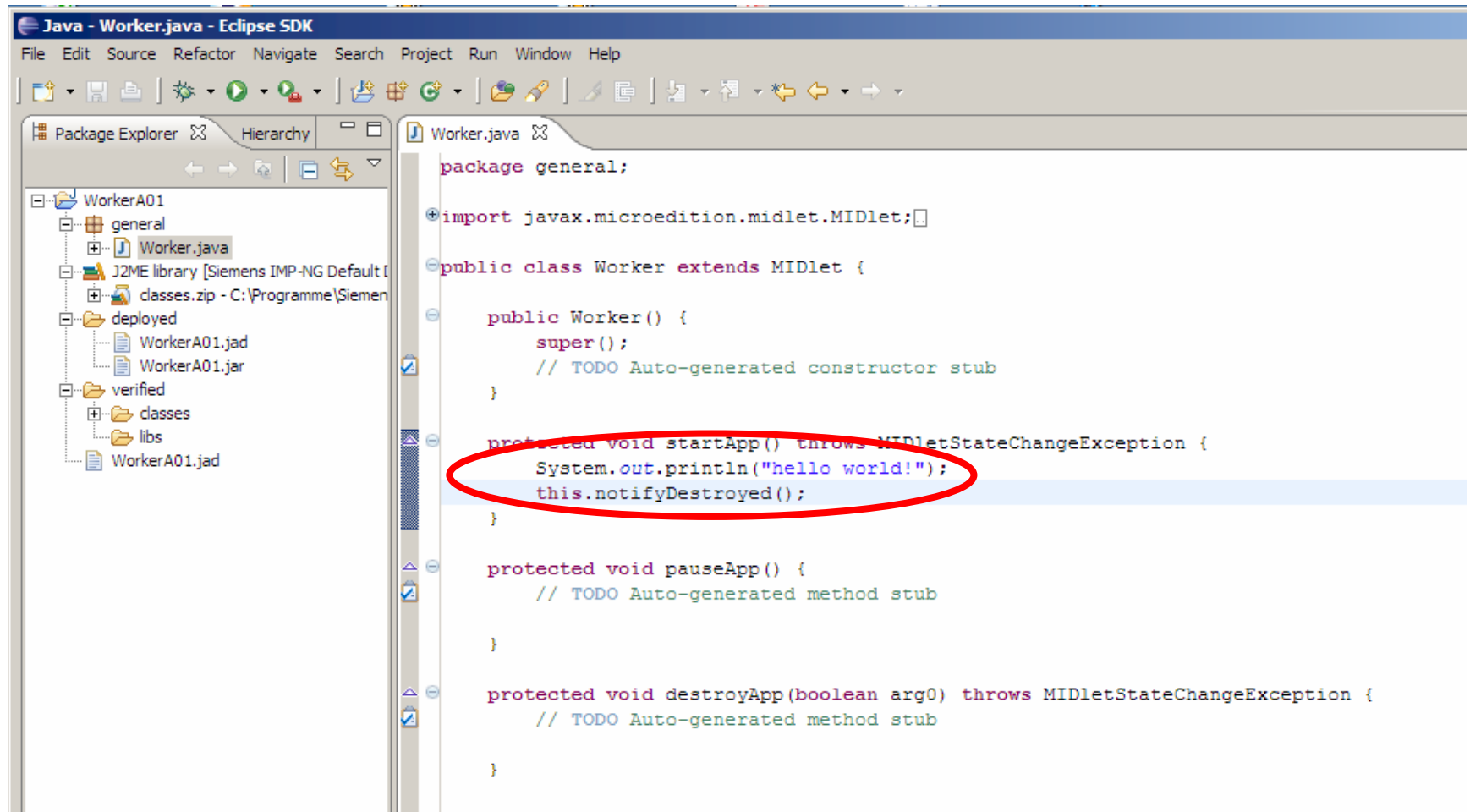
☒ Add To Application Descriptor?

< Back Next > Finish Cancel

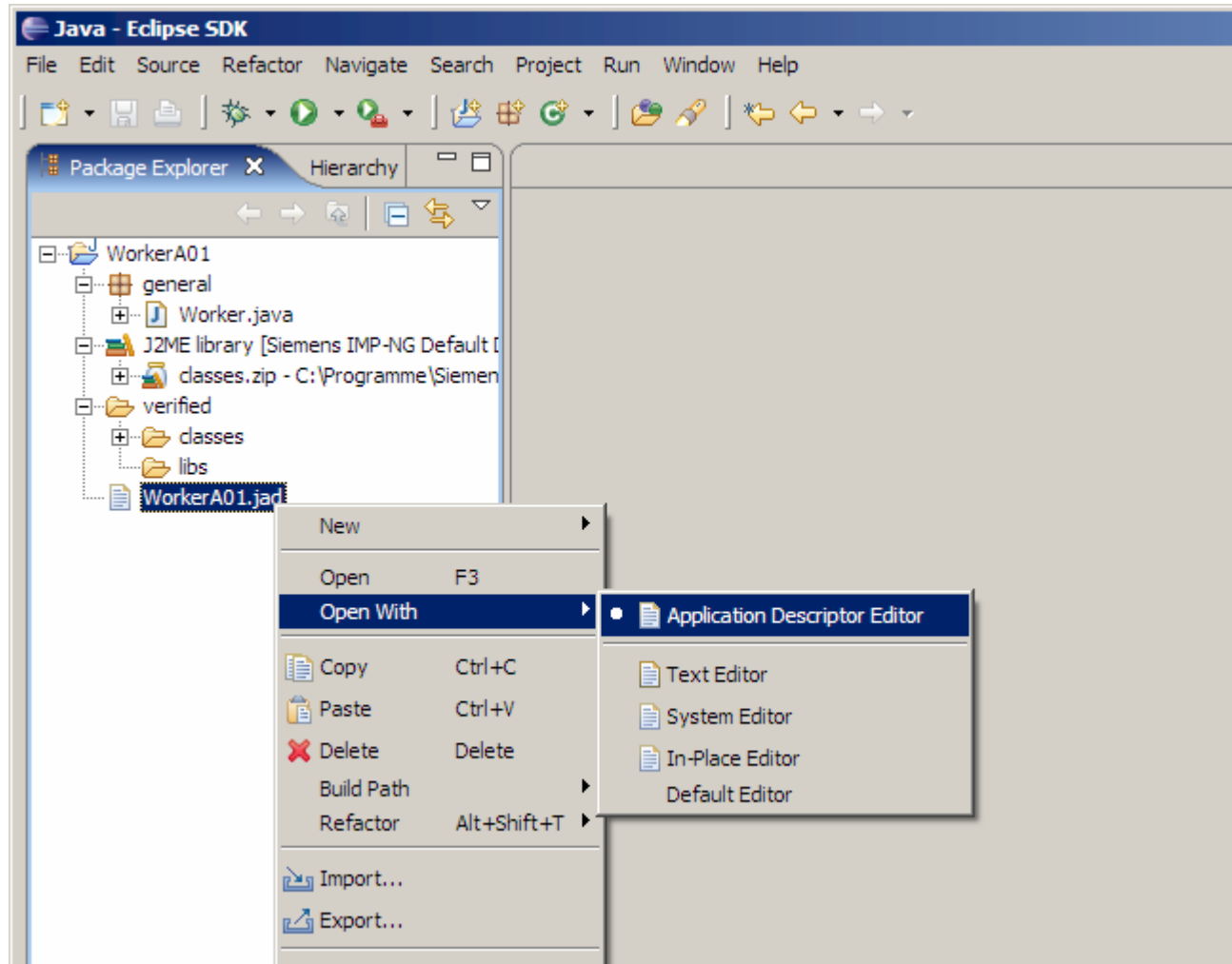
Check the Generated MIDlet



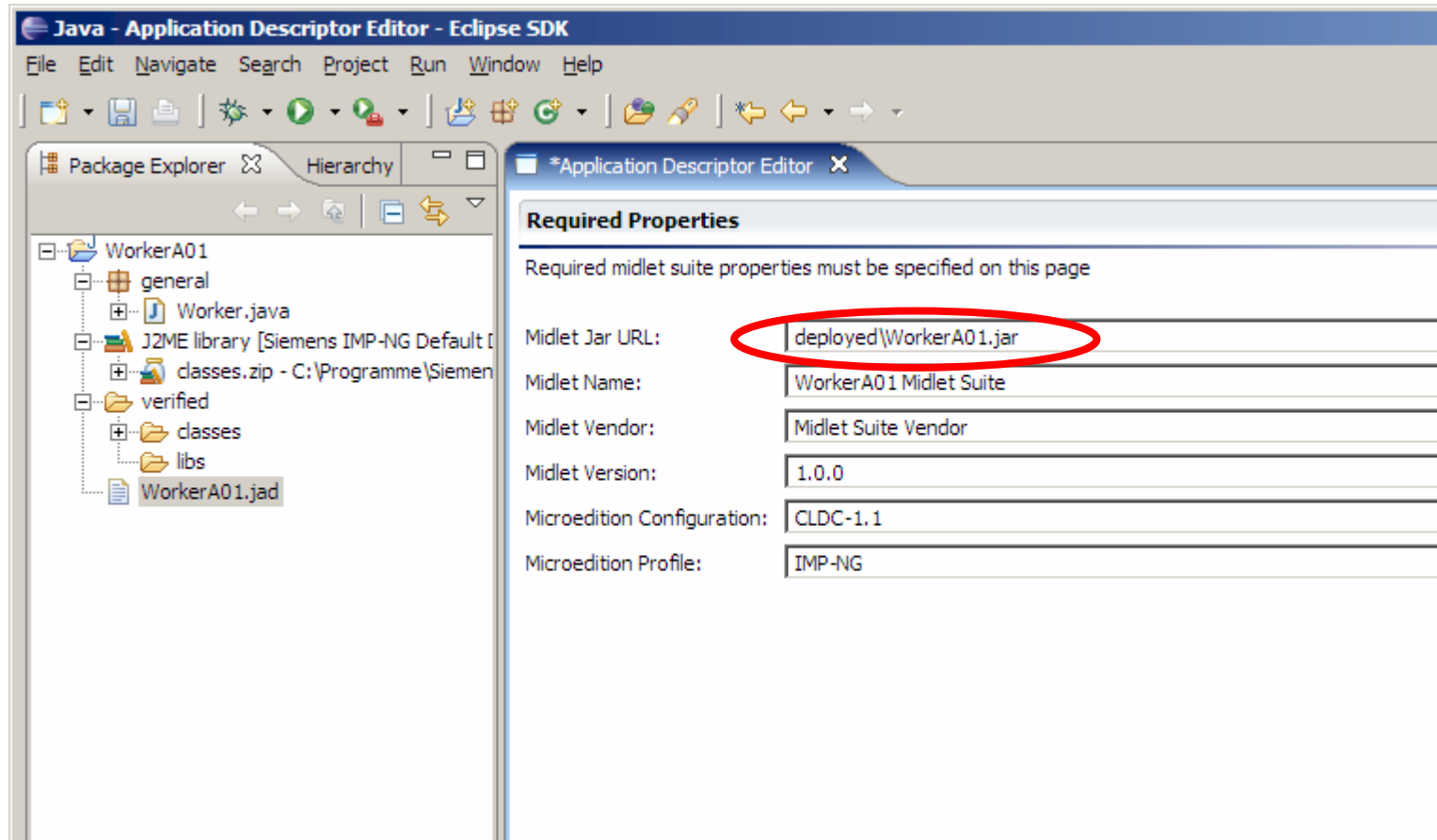
Add the Funtionality



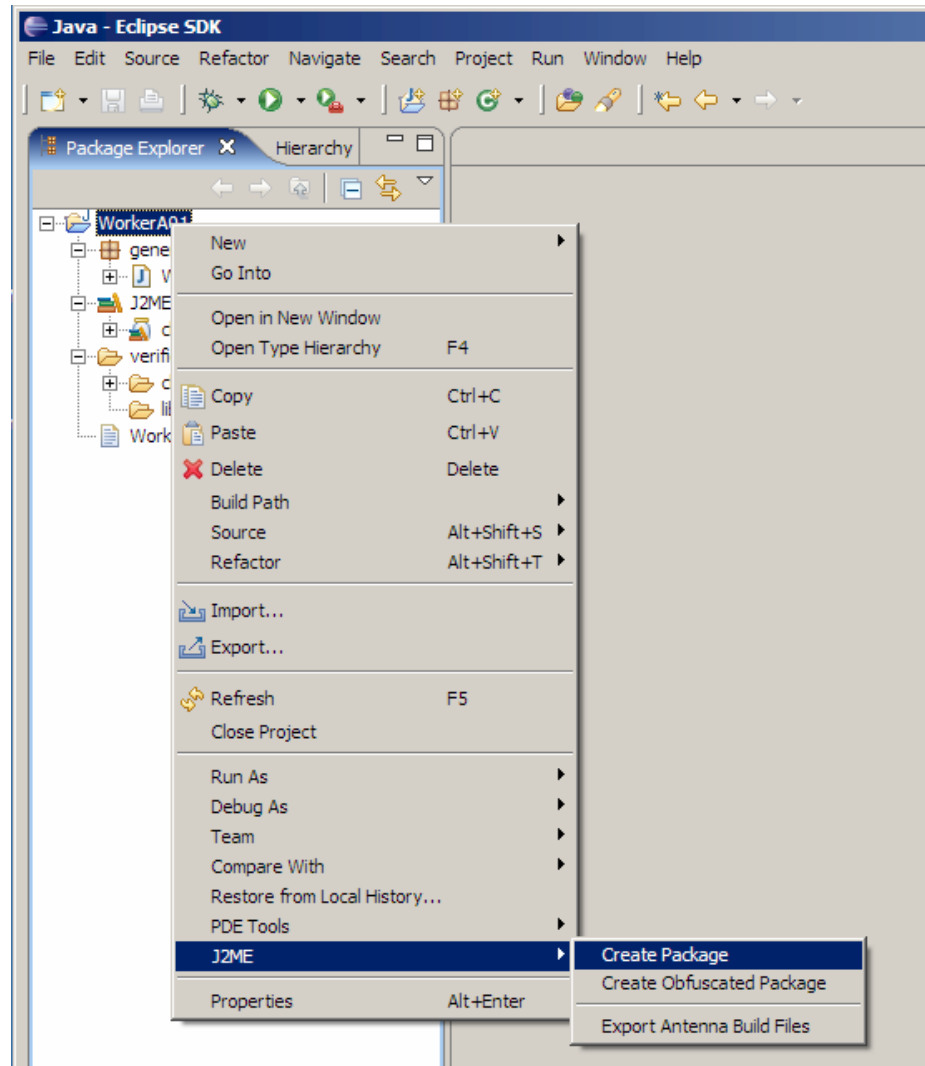
Open the Application Description



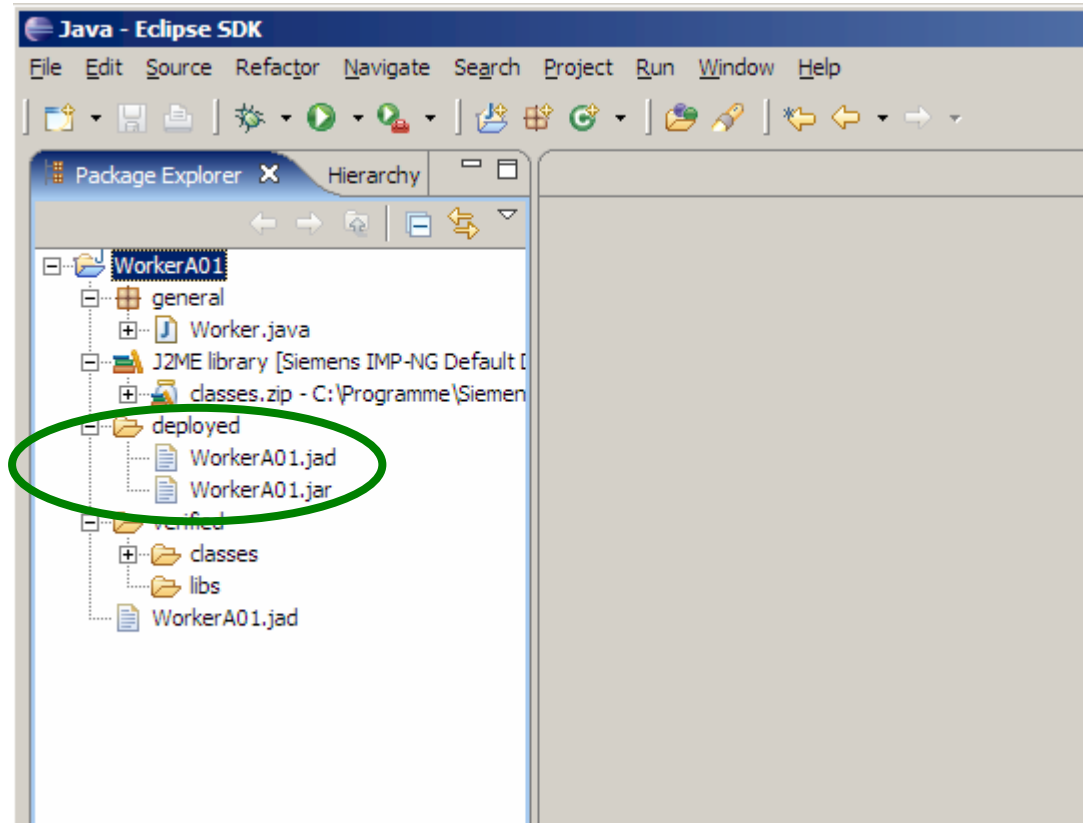
Adjust the Settings



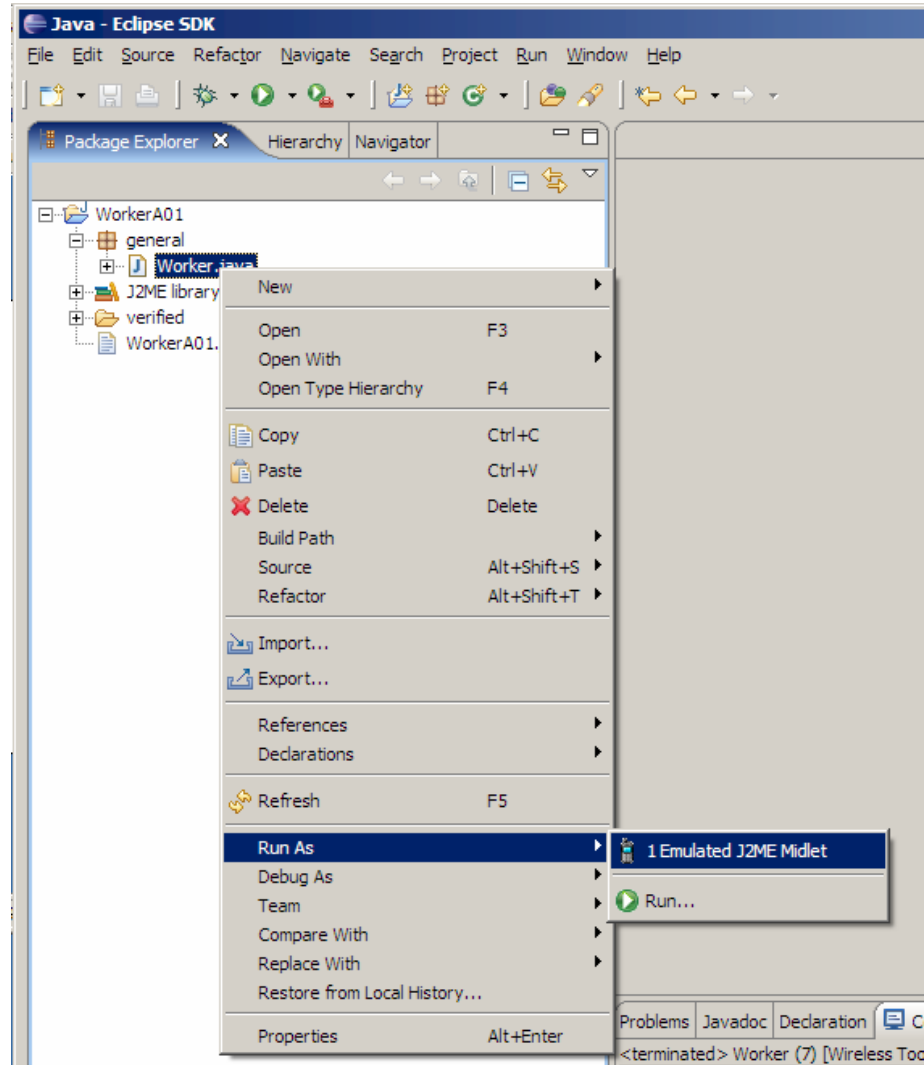
Create the .jad and .jar Files for Deployment



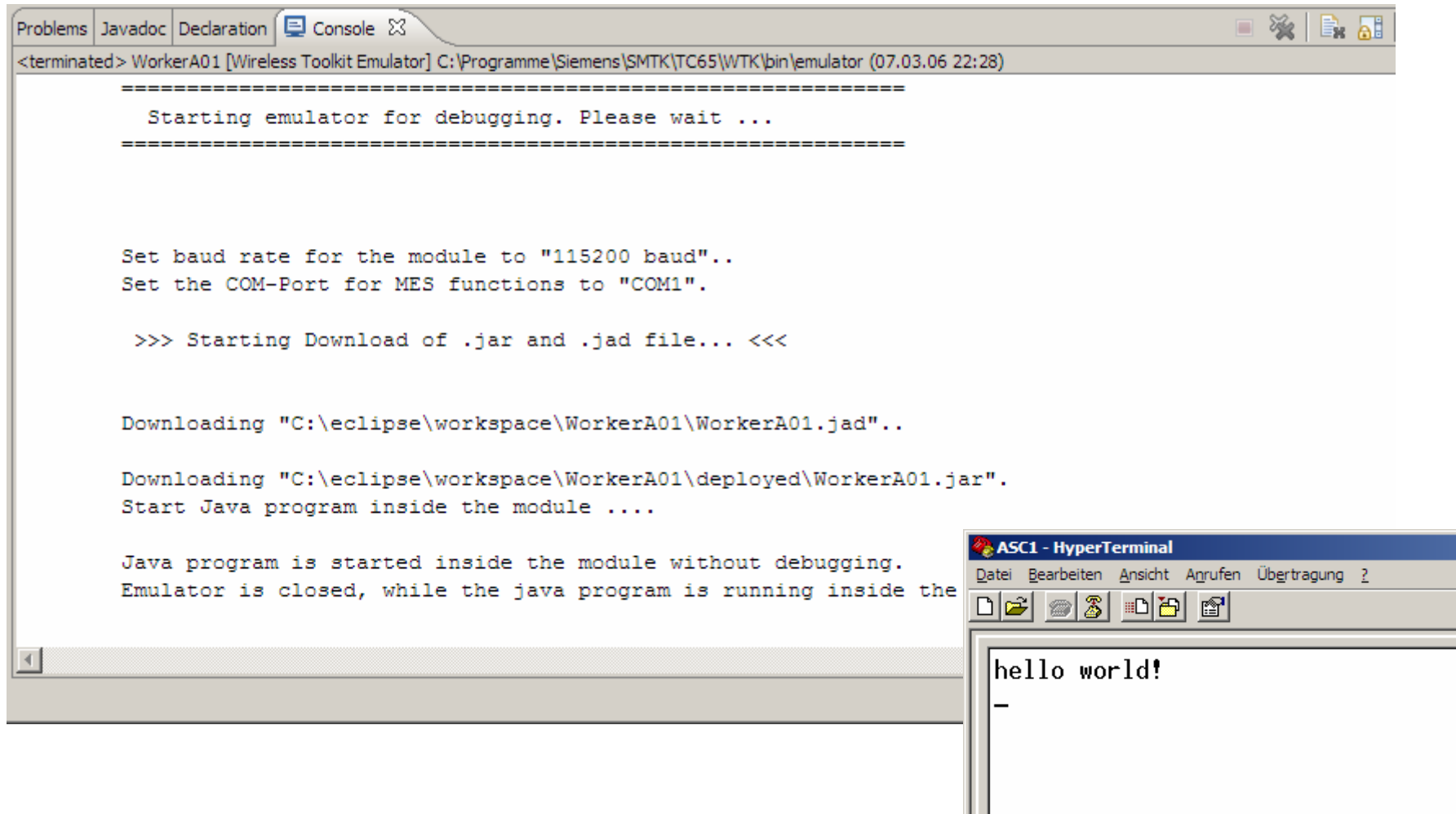
Check the Generated Files



Select the MIDlet and Let It Run!



Checkt the Generated Outputs



The screenshot displays two windows from a development environment. The main window is the Eclipse IDE's 'Console' tab, showing the output of a Java application running within a 'Wireless Toolkit Emulator'. The output text is as follows:

```
<terminated> WorkerA01 [Wireless Toolkit Emulator] C:\Programme\Siemens\SMTK\TC65\WTK\bin\emulator (07.03.06 22:28)

=====
Starting emulator for debugging. Please wait ...
=====

Set baud rate for the module to "115200 baud"..
Set the COM-Port for MES functions to "COM1".

>>> Starting Download of .jar and .jad file... <<<

Downloading "C:\eclipse\workspace\WorkerA01\WorkerA01.jad"..

Downloading "C:\eclipse\workspace\WorkerA01\deployed\WorkerA01.jar".
Start Java program inside the module ....

Java program is started inside the module without debugging.
Emulator is closed, while the java program is running inside the
```

Overlaid on the bottom right of the Eclipse console is a 'HyperTerminal' window titled 'ASC1 - HyperTerminal'. It shows the output of the Java program being executed: 'hello world!' followed by a line break.