

TC65 Java User's Guide - Pre-Release

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This version includes the following components:

- TC65 wtk (tc65_wtk.zip)
- Java 2 Platform, Standard Edition, SDK (j2sdk-1_4_2_07-windows-i586-p.exe)
- MES (module_exchange_suite.zip)
- TC65 module containing the latest firmware version

The following features which are part of the final product are not included:

- Installation CD
- Security:
 - Imlet security (imlet signatures)
 - Data transmission security (https)
- Java application file system access:
 - javax.microedition.rms package
 - com.siemens.icm.io.file
- Sound:
 - javax.microedition.media package
- HW access to:
 - SPI
 - GPIO and pulse counter
 - DAC and ADC
- Java application autostart
- Java application development:
 - IDE integrations
 - Application debugging
- Over the air update for:
 - Java application
 - Firmware

Installation Procedure

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Since there is no automatic installation the delivered components have to be installed manually:

SDK Installation

This is the J2SE SDK provided by SUN. You can skip this step if you already have a V1.4.2 SDK on your system. Though we recommend to use the provided version.

Double-click the j2sdk-1_4_2_07-windows-i586-p.exe file and follow the steps of the installation process.

WTK Installation

- Unpack the tc65_wtk.zip archive to your harddrive. Recommended location is <your program folder>/Siemens/SMTK/TC65/
- Set the environment variable IMPNG_DIR to the "wtk" directory which you just unpacked, e.g. C:/Programme/Siemens/SMTK/TC65/wtk
- Set the environment variable IMPNG_JDK_DIR to your J2SE SDK directory, e.g. C:/j2sdk1.4.2_07

MES Installation

Unpack the module_exchange_suite.zip archive to your harddrive. Recommended location is <your program folder>/Siemens/MES/

Double-click the register.bat in the bin directory. Now MES is ready to use. If desired put the MES directory into you systems PATH.

Application Compiling

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Please refer to Chapter 9 of the TC65 Java User's Guide for further information.