



Installation of Eclipse and IOT2000 SDK

Download and all necessary programs and libraries:

1. 7-Zip file archiver
<https://www.7-zip.org/>
2. JAVA SE Runtime (JRE)
<http://www.oracle.com/technetwork/java/javase/downloads/index.html>
3. Eclipse IDE for C/C++ Developers:
<https://www.eclipse.org/downloads/eclipse-packages/>
4. IOT2000 SDK
<https://support.industry.siemens.com/cs/document/109744106/simatic-iot2000-eclipse-plugin?dti=0&lc=en-WW>
5. Templates and help programs
https://github.com/dyolcubal/eclipse_templates

You can extract the eclipse program and SDK anywhere. My suggestion is:

<Drive>:\SHARED\SDK and <Drive>:\SHARED\eclipse

Install Programs:

1. Install 7-Zip
2. Install JAVA SE Runtime
3. Open Eclipse zip file and extract folder **<eclipse>**.

Setup SDK:

1. Start 7-Zip as administrator **!!!** and open IOT2000 SDK zip file.
Double click on elements until you see the folder **<sysroots>**.
Select folder **<sysroots>** and click "Extract".
Select the SDK target folder and start with "OK".
Ignore create hard link errors.
2. Copy **setsdk.bat** file to SDK folder.
3. Run **setsdk.bat** batch file with double click on Explorer.
The batch file sets the environment variable **IOT2K_SDK** permanent to SDK path and you need run the batch file only once.
All build settings depend on **IOT2K_SDK** environment variable.
4. You can check the **IOT2K_SDK** environment variable with enter command **"set"** on commandline.