Workshop: ARM Cortex-M (XMC) Programming using Eclipse Components (DAVE)

DAVE_Workshop Install Instructions

Please download the DAVE Software and Software Development Kit from :

http://infineon-community.com/LP=400

and run the installation from the following instructions before the Workshop.

We won't have much time to debug any installation problems during the Workshop, so please run the installation early, and contact us if you experience any problems. We have successfully installed the software on Windows 7 and Windows 8.

DAVE-4.1.2 Installation Instructions:

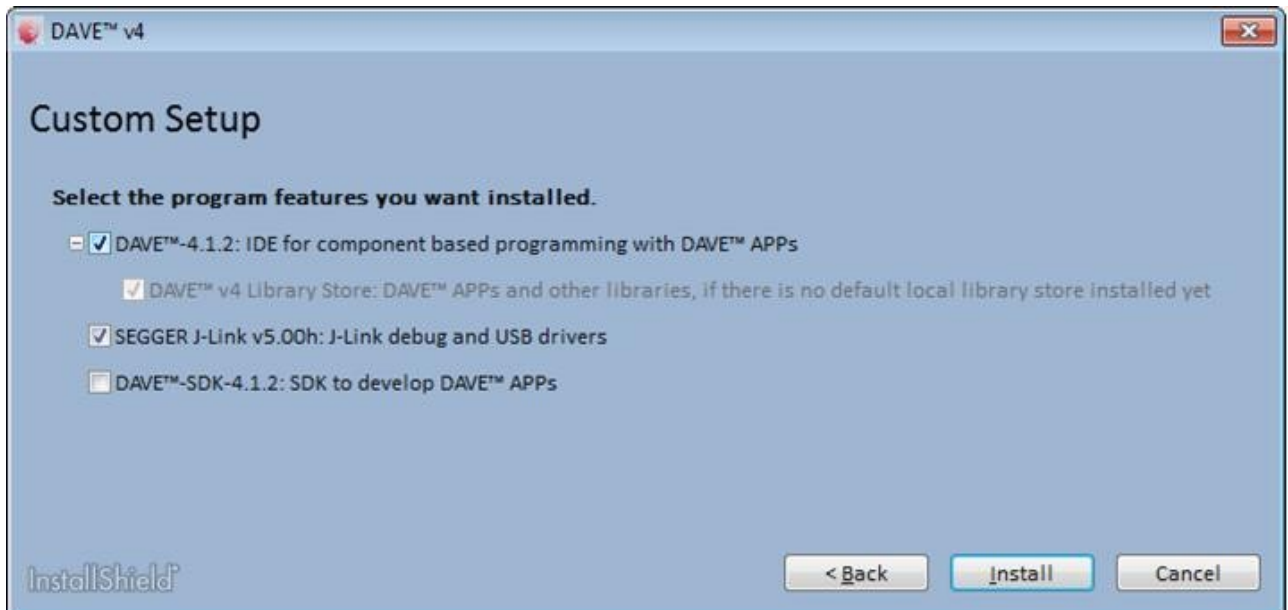1. **Download the "zip" file to your computer, we recommend saving it to: C:\DAVE_Workshop\software\DAVE4.1.2**

   Note: The download is 1.4 Gigabytes, so it will take a while to complete

2. **"Unzip" the downloaded installer package. (If you need a "zip" tool, we recommend the free "7Zip" package)**

3. **Start the DAVE Installer : Start "DAVE-4.1.2_Setup.exe"**

   Note: you may get a Windows pop-up asking permission to makes changes to your computer, please click on "Yes" to continue.
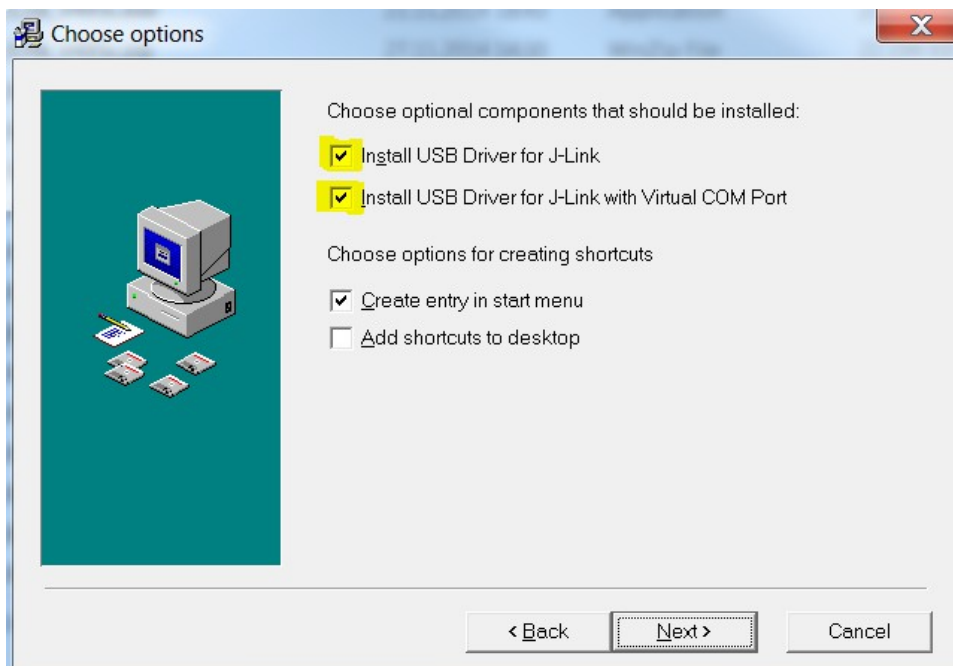
4. **Click "Next" to advance past the Dave Installation Welcome Screen.**

5. **Select the option you want to install. If you want to be able to create your own custom "APPs", then select the SDK check box to install the SDK package as well.**

6. **Select "Install" on the Customer Setup Screen**
7. **Select "Next" when the DAVE4.1.2 Installation Wizard Starts**
8. **Select "Accept" on the License Agreement Screen**
9. **The DAVE 4.1.2 Installation will then run for a while (5-10 Minutes)**

10. **When the Installer for the Segger J-Link starts, select the following options :**

  (tip: starting with the included version, and update later

DAVE-4.1.2 POST-Installation Instructions (Web Update):

1. After finishing the installation following entries/shortcuts are created :
    Start → All Programs → DAVE-4.1.2
    \DAVE-4.1.2
    \Release Notes
    \Uninstall DAVE-4.1.2
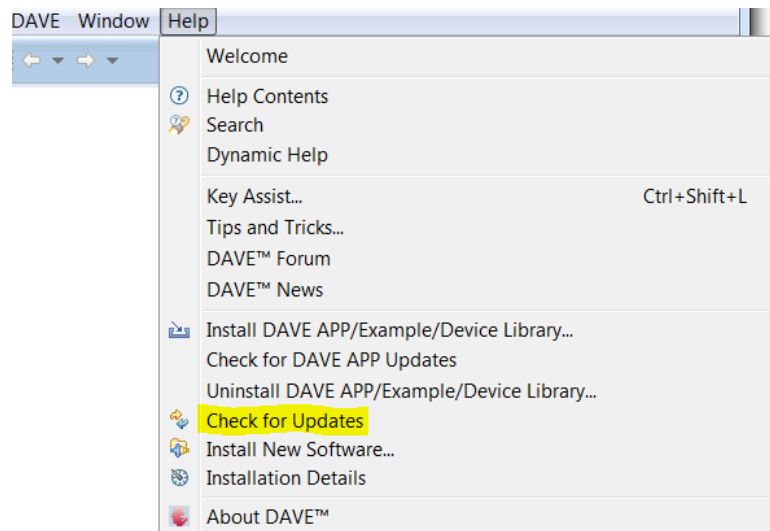   (if you installed the SDK, there is also \DAVE-SDK-4.1.2)

2. Start the DAVE program using :
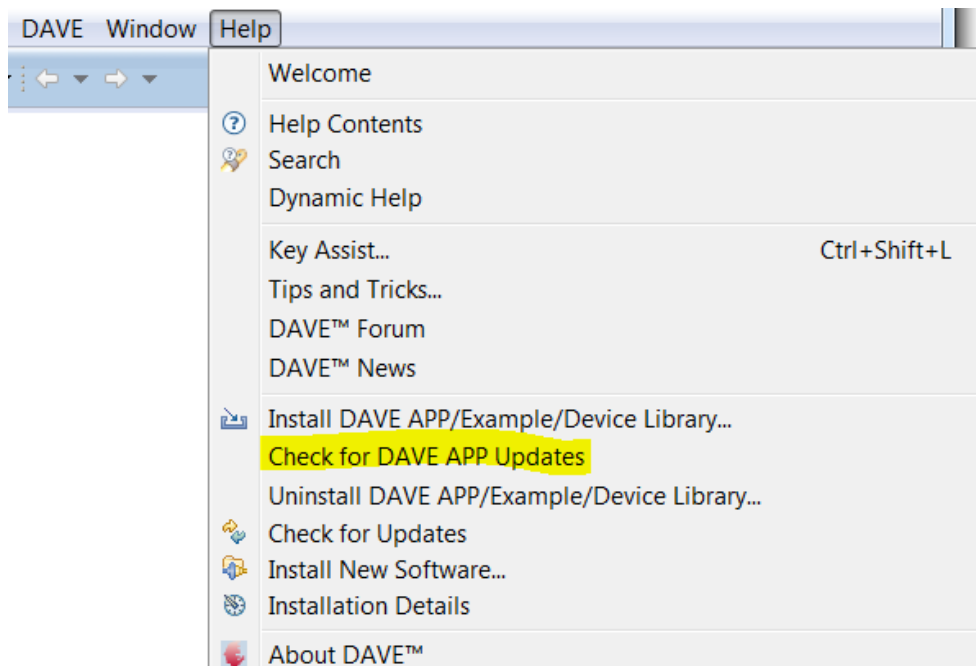   Start → All Programs → DAVE-4.1.2 → DAVE-4.1.2.exe

    Select a starting workspace for the DAVE program, it can be any directory,
    but suggest that you start with something you will remember, like
    C:\Workspace

3. Update DAVE :

DAVE	Window	Help

    Welcome
    ⑦ Help Contents
    ⅋ Search
    Dynamic Help

    Key Assist...   Ctrl+Shift+L
    Tips and Tricks...
    DAVE™ Forum
    DAVE™ News

    ⛴ Install DAVE APP/Example/Device Library...
    Check for DAVE APP Updates
    Uninstall DAVE APP/Example/Device Library...
    ♻ Check for Updates
    ⬇ Install New Software...
    ⬡ Installation Details
    🐞 About DAVE™

4. Update DAVE APPs :

DAVE	Window	Help

    Welcome
    ⑦ Help Contents
    ⅋ Search
    Dynamic Help

    Key Assist...   Ctrl+Shift+L
    Tips and Tricks...
    DAVE™ Forum
    DAVE™ News

    ⛴ Install DAVE APP/Example/Device Library...
    Check for DAVE APP Updates
    Uninstall DAVE APP/Example/Device Library...
    ♻ Check for Updates
    ⬇ Install New Software...
    ⬡ Installation Details
    🐞 About DAVE™

5. **Install DAVE APP/Example/Device Library :**
    (If required)

6. **Install /Import Example Projects :**
    (if required)

Installation of Workshop Files and Projects (Day of the Workshop):

•   **Copy the DAVE_Workshop directory from the CD-ROM/Thumbdrive to C:**
    (best to keep the path name short to avoid any problems with long paths...)
    or, if you have internet access, you can clone from the github repository at :
    https://github.com/PatternAgents/WorkShops/tree/master/DAVE_Workshop

•   **For the Lab Instructions, please see**
    C:\DAVE_Workshop\presentations\Lab_Instructions.pdf

•   **These instructions assume you have installed (cloned) the workshop to**
    C:\DAVE_Workshop

    if you have chosen a different path (i.e. D:\DAVE_Workshop)
    then please adjust the lab instructions accordingly.

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