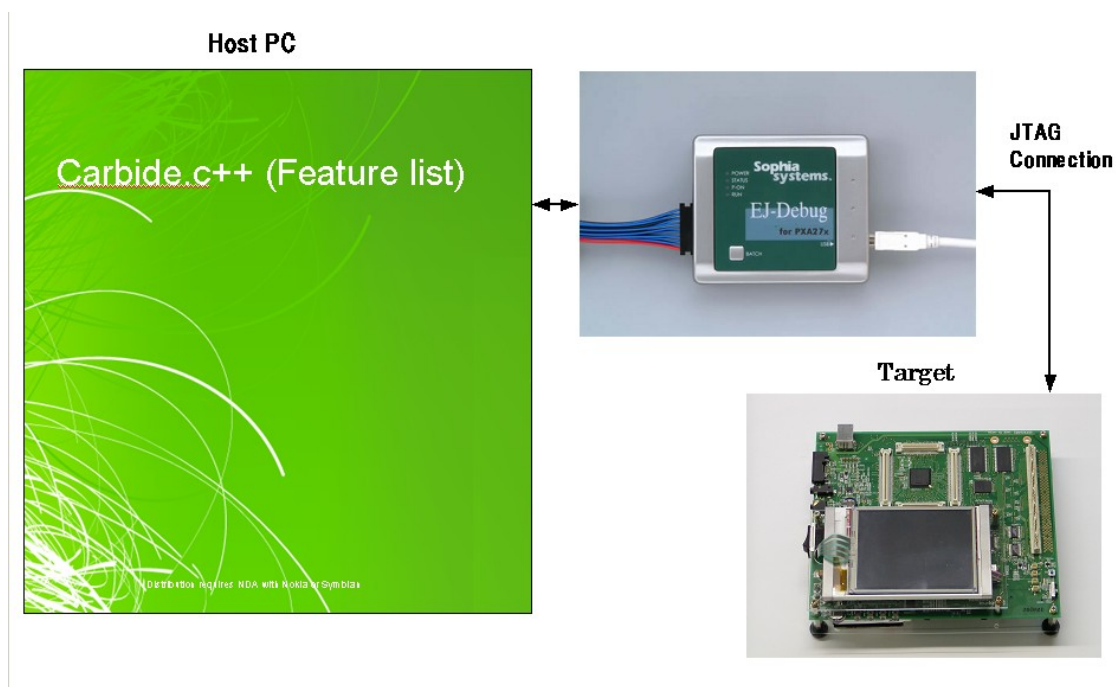




Hardware Assist for Symbian OS Develop. & Debug **(Carbide C++ & EJ-Debug JTAG)**



Main Features

Carbide C++ :

With a connection between Carbide C++ and the target, communication with Carbide C++ allows for a certain level of limited debugging. eg. Debugging of OS boot loader and interrupt control limitations.

Cooperation with EJ-Debug/JTAG + Carbide C++ :

By connecting Carbide C++ to EJ-Debug via JTAG then additional Debugging features are available.

- Debugging of OS boot loader or interrupt control.
- Additional ICE capabilities, such as emulation memory or trace.
- Source level debugging of the software such as other drivers, etc.

Note: EJ-Debug/JTAG capability level will depend on the level of Carbide C++ integration.

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Combined capabilities of Carbide + EJ-Debug :

- See Carbide C++ feature list for complete details
- Some examples:
- GO execution, Break, STEP execution (Step In, Step Out)
- Variable inspection
- Breakpoints: software unlimited
- Breakpoints: hardware (including into FlashROM area)
- Emulation memory available*
- Trace/Trigger (disassembly level)*
- Download to external Flash ROM capability
- View/modify of internal peripheral registers
- Line assembler capability
- Reset

* Availability dependent on Full-ICE connection, etc.