



Developers

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Install Software (ARTIK 5/7)

For this section, you'll be using your terminal emulator screen (ARTIK IDE console or PuTTY) to load programs on your ARTIK development board.

If you are using ARTIK 520, you will need to [upgrade \(/documentation/developer-guide/update-image/\)](#) to the Fedora 24 image (Q6) before proceeding.

1. Pull up the [ARTIK SDK Installation](#) (<https://developer.artik.io/documentation/api/ARTIK.html>) article, and follow the instructions to:
 - a. Set up `dnf` access to the ARTIK repository and its up-to-date packages
 - b. Make sure you enter the last command as indicated:
`dnf makecache --refresh`
 - c. Install the ARTIK SDK (only if you are using an older build without it).
2. Update to the latest SDK files by entering
`dnf update`
3. Install the debug software associated with the toolchain.
`dnf install gdb-gdbserver`
4. Install the ARTIK SDK libraries you intend to use. For example, for the Sensor Demo, you will need:
`dnf install libartik-sdk-sensor`
`dnf install libartik-sdk-systemio`

If anything is missing, you should get a build error message that will tell you what package to add.

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