

IDE is an acronym which stands for Integrated Development Environment and a short form for the QNX Momentics IDE. The IDE is based on Eclipse and CDT (open source projects). It provides a Graphical User Interface for developing applications for the Neutrino Real Time Operating System (RTOS). The IDE runs on Windows and Linux hosts, uses cross-platform compilers for Neutrino, and supports "target" management with remote running and debugging of applications.

## Available for download#

### IDE 5.0.1 (SR5 build)#

- [Download](#)

### IDE 5.0.1 (GA build)#

- [Download](#)

For older releases see [IDE Releases Archive](#)

## Installation Instructions#

This is how to install experimental IDE build from zip file.

### Before you install IDE (Platform Patches)#

- This version of IDE will run only on Windows and Linux hosts
- You need a Full Momentics installation to use the IDE (6.3.2 or 6.4.x, 6.5 or 6.6), if you don't have it you can download it from [QNX SDP](#) .

### Install and launch IDE for the first time (For standalone "unzip" install)#

- Create a directory to store installation (for example /home/me/qnx660/ideSR5). Extract the zip file content in it. The extraction process creates an "eclipse" directory.
- Adjust installation
  - a.) Copy ide launch script located in SDP install directory i.e.
    - cd qnx660
    - cp run-qde.sh run-qde-ideSR5.sh
    - edit the file to replace qde path to the patch of new installation, i.e.
      - /home/me/qnx660/ideSR5/qde "\$@"
  - b.) Create the link file for OS documentation.
    - Go into the "eclipse" directory, i.e. cd /home/me/qnx660/ideSR5/eclipse
    - Create a "dropins" directory, i.e. mkdir dropins
    - In "dropins" directory, create a new file, called it "com.qnx.tools.ide.doc.qnx.momentics.6.6.0.link". The "6.6.0" is the SDP version number
    - Put the following contents to the links file, change the path to point to your QNX SDP installation, but maintain the "target/qnx6/usr/help" sub-directory structure.

path=/home/me/qnx660/target/qnx6/usr/help

- Setup Workspace
  - After you install, the first time you start the IDE on Windows, the Workspace Launcher dialog prompts you for a location to store your workspace. By default, the IDE offers to put your workspace

in a sub-directory called "ide-5.0-workspace" or similar. To store your workspace in another location, click "Browse" and select a directory for your workspace. To continue loading the IDE, click "OK".

- **Make sure workspace path does not contain spaces**; this is required for make to work properly on projects inside the workspace.
- Do not create workspace inside installation directory - it complicates future updates
- After IDE starts it should auto-discover your SDP installation
- To check if help is working select Help->Help Contents. You should see QNX Software Development Platform book on the top level, if not check spelling of files and locations of doc link from previous step

## Updating existing IDE installation#

### Full IDE archive#

- Use first time installation instruction with different directory name
- Run IDE
- If everything works correctly you can remove previous directory where it was installed (but make sure it does not contain workspace)

### Replacing existing IDE installation in Momentics#

- Use first time installation instruction to unzip in some temporary directory
- Go to momentics installation folder \$QNX\_HOST/usr/qde and RENAME "eclipse" directory to "eclipse\_old"
- Move "eclipse" directory from temp installation location into \$QNX\_HOST/usr/qde
- Now qde script from Momentics and shortcuts would work as before invoking new IDE
- Copy the "links" or "dropins" directory to the new IDE folder.

### Update site#

There is remote update site for IDE 4.7 and up.

You can use local update site

- IDE 5.0 [http://community.qnx.com/sf/frs/do/viewRelease/projects.ide/frs.ide\\_5\\_0.ide\\_5\\_0](http://community.qnx.com/sf/frs/do/viewRelease/projects.ide/frs.ide_5_0.ide_5_0)

## Licensing#

This is **experimental code** that is being provided for evaluation purposes only under the terms of a valid QNX Momentics development tool license agreement.