

## Downloading and Installing the Tools


- The main website for the Brixcc IDE is:  
<http://bricxcc.sourceforge.net/>
- To download the latest version of the software, go to the following link:  
<http://sourceforge.net/projects/bricxcc/files/>
- When installing the Brixcc IDE, it is sufficient to install it in a location where the user has write access. Administrative privileges are not necessary.
- This document assumes that the user has the file “HelloWorld.nxc”, available on the user's computer. The file can be downloaded the TESSAL website.

## Connecting to the NXT Brick

Before connecting to it, the NXT Brick must be turned on and connected by a USB cable. When Brixcc is started, the “Find Brick” window should appear.

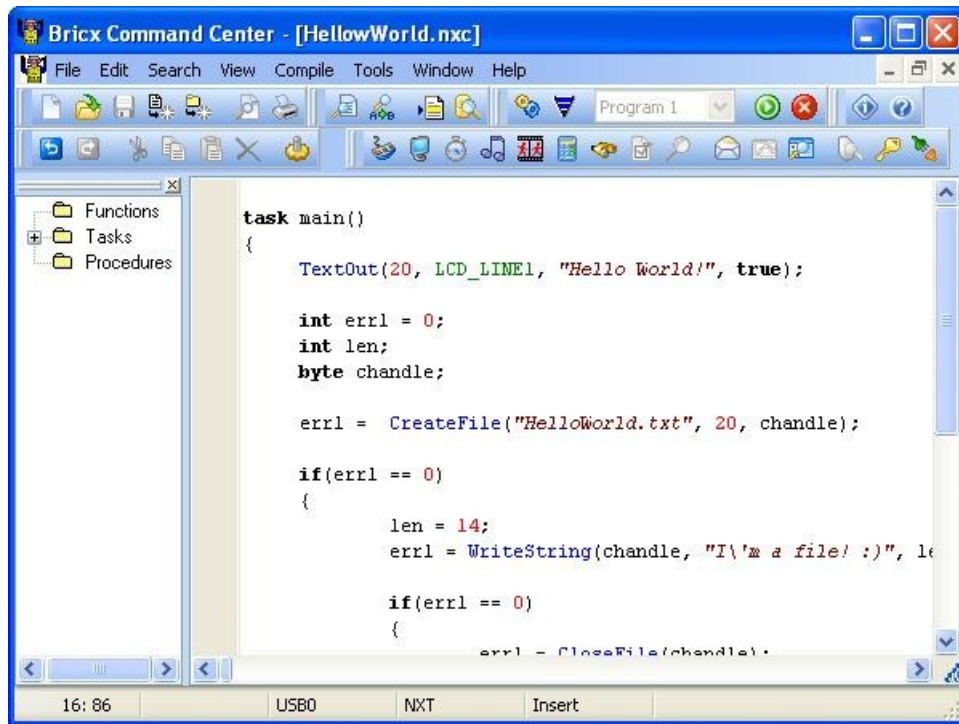





Select “Automatic” or “usb” under Port and “NXT” under Brick Type. Firmware should be set to “Standard” by default.

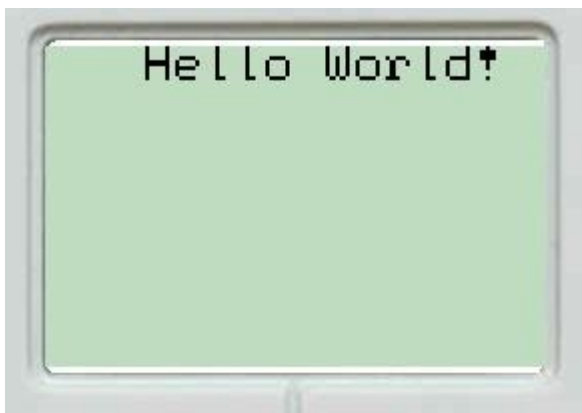
The window in the above figure can be reopened by selecting “Find Brick” under the tools menu, or by clicking the “Find Brick” icon, , in the tool bar.

## Compiling, Downloading and Running a Program

- Once Bricxcc is open and connected, open the “HelloWorld.nxc” file. This is a very simple program meant to write to the screen and output text to a file.

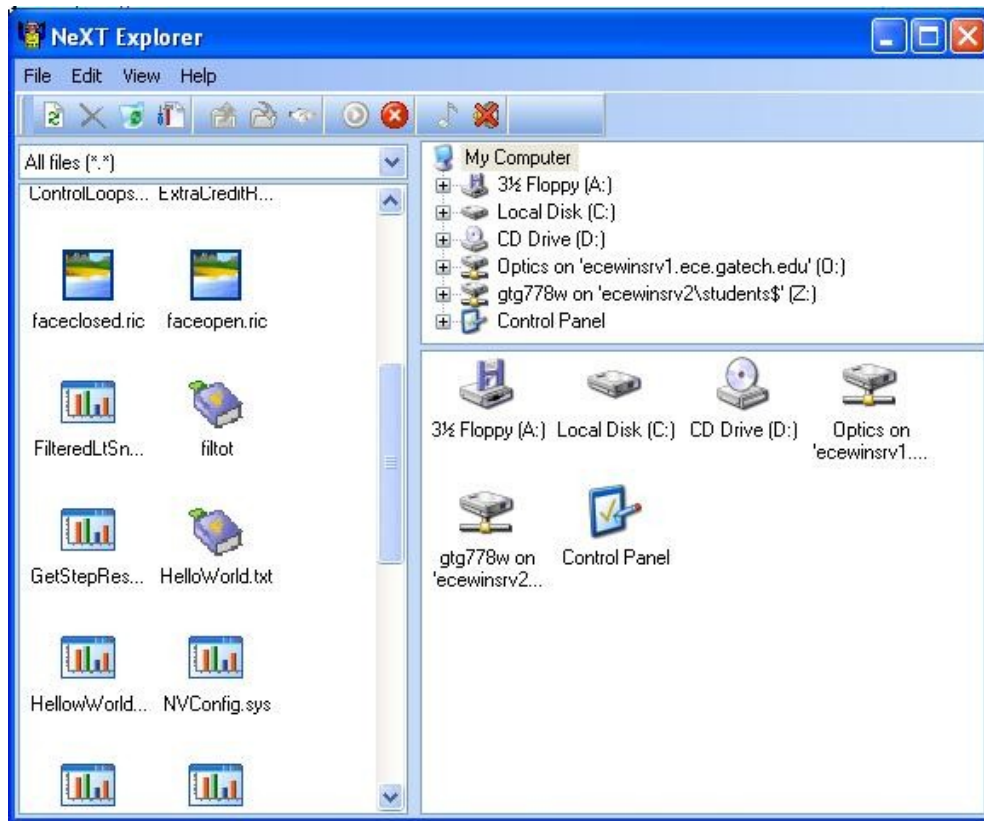


- Compile the file by clicking on “Compile” under the “Compile” menu, or clicking on the “Compile” icon, , in the tool-bar.
- Download the file to the NXT by clicking on “Download”, under the “Compile” menu, or clicking on the “Download” icon, , in the tool-bar.
- Run the program on the NXT by clicking on “Run”, under the “Compile” menu, or clicking on the “Run” icon, , in the tool-bar.
- The screen should say “Hello World!”, before returning to the previous menu. If an error message appears instead, perform the deletion steps in the next section first.



## Transferring and Managing Files

Files on the NXT Brick can be remotely managed using the NeXT Explorer tool. This can be opened by clicking “NXT Explorer” under the tools menu.



The NeXT Explorer window has three panes. The one on the left shows the files in the NXT Brick, the one on the bottom right, is some directory on the local host computer and the pane on the top right is the parent directory of the pane on the bottom right.

The program from the previous section should create a file called “HelloWorld.txt”. This should appear on the left pane. The file can be downloaded by dragging the file across to the right pane. Once on the local computer, you should be able to open and read the file.

To delete the “HelloWorld.txt” file from NXT Brick, right click on the file and in the menu that appears, click “Delete”, or select the file and click on the “Delete” button, .

Similarly to transfer files to the NXT, drag files from the local host computer on the right pane, to the NXT on the left pane.

## Further Information

Further reference and information on the NXC language is available under “Guide PDFs” and “Tutorial PDFs” in the “Help” menu. Sample programs are also available in the “.../Documentation/Samples/NXC” directory under the Brixcc home directory.