

# QNX Installation

October 2025

Get started at <https://blackberry.qnx.com/en/products/qnx-everywhere> and go to <https://www.qnx.com/products/everywhere> to create a myQNX account.

The screenshot shows the QNX website homepage. At the top, there's a navigation bar with links like Speedtest by Ookla, CU Sites, CU sites, Advising, FPGA, PLES, MESA, RTE, Courses, FPGA Training, OS, Programming, Technical, Teaching, Personal, SoC, Home, git, Organization, and Drones. Below the navigation is a search bar with 'Search' and 'Contact Login' buttons. A main banner reads 'Free Access to QNX SDP 8.0 for Non-Commercial Use'. To the left, a sidebar has sections for Products & Services, Markets, Developers, Partners, and Support. Under 'Products', there's a 'Resources' section with 'BSP directory'. The main content area has a heading 'Thank you for your interest in QNX Software Development Platform 8.0. Whether you're a hobbyist, student, or industry professional, you are now able to get a free QNX SDP 8.0 license for your personal non-commercial use.' It then says 'You must first have a myQNX account which will allow you to access your license and associated downloads.' with two bullet points: '→ If you have an account, [click here to enter your credentials](#).' and '→ If you are new to QNX and do not have an account, please [create a myQNX account](#) and...'. A red arrow points to the 'create a myQNX account' link. Below this, it says 'When you return to this page as a logged-in user, you will be able to accept the non-commercial license terms and get your free license.' At the bottom, there's a table with columns for Company, Community, Try QNX Now, Collateral, and Headquarters. The Company column lists About BlackBerry QNX, Autonomous Vehicle Innovation Centre, Careers, Certifications, Events & Webcasts, News, QNX-in-Education, and Webinars. The Community column lists Developer community, Product documentation, and Products & Updates. The Try QNX Now column lists 30-day free evaluation, Reference designs & demos, and nothing under Collateral. The Headquarters column lists 1001 Farrar Road, Ottawa, ON K2K 0B3, Canada, with phone and email info, and a 'Worldwide locations' link. At the very bottom, there's a copyright notice and links for Accessibility, Privacy, Licensing, Legal, and Sitemap.

Once you login, click or search for “Free Access to QNX SDP 8.0 for Non-Commercial Use.” From here, you will need to accept the license agreement and wait for the email to arrive. Follow the directions in the email.

www.qnx.com/products/everywhere

Specified by Ooks... CU Sites CU sites Advising FPGA PLESO MESA RTEs Courses FPGA Training OS Programming Technical Teaching Personal SoC Home git Organization Drones Andrew ToDoTabs PC Media

Resources  
BSP directory

## Free Access to QNX SDP 8.0 for Non-Commercial Use

Follow these steps to get your QNX Software Development Platform 8.0 license for non-commercial use:

**Step 1: Accept the terms and request the license.**

To get free access to QNX SDP 8.0, you must accept the terms of the QNX Development License Agreement.

[Click this link to view a printable PDF version of the agreement.](#)

I have read, understood and agree to the terms of the QNX Development License Agreement.

By clicking "Submit", you are also indicating that you have read, understood, and agree to the [QNX Web Site Terms of Use](#) and the [BlackBerry Privacy Policy](#).

**Submit**

**Step 2: Accept and deploy the license in your myQNX account**

Once you receive your license, accept and deploy it in your myQNX License Manager.

Open the [myQNX License Manager](#): <https://www.qnx.com/account/dashboard/>. This is where your license will appear once your request has been processed.

- Click **Accept License**.
- Click the product's Users field, then click **Deploy**.
- Enter your own myQNX account email address to deploy the license to yourself, then click **Save**.

**Step 3: Download QNX Software Center and Install QNX SDP 8.0**

After deploying the license, you are able to access the QNX Software Center and use it to install QNX SDP 8.0. Go to <https://www.qnx.com/download/group.html?programid=29173> to download.

Company	Community	Try QNX Now	Collateral	Headquarters
About BlackBerry QNX Autonomous Vehicle Innovation	Developer community Product documentation	30-day free evaluation Reference designs & demos	QNX Download Center Benchmarks	1001 Farrar Road Ottawa, ON K2K 0H3

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You can accept the use of cookies here

Then go to the QNX license manager and accept the license, click the product's Users field, click Deploy, enter your myQNX email address and click Save to deploy to yourself. The status will change to deployed in the license manager. Then download the QNX SDP 8.0.

www.qnx.com/account/dashboard

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Contact myQNX Logout Search

Products & Services Markets Developers Partners Support

Home > myQNX Account Center

## myQNX License Manager

Menu

License Manager - My Registered Products

Products

Support Plans

Export Import

Show 10 entries

Type Product Serial Number Users Managers Ship Date Available Actions Status

(1)

ONX Software Development Platform 8.0 - Perpetual - Developer License - Non-Commercial Single-User License (Non-Commercial/Academic License Class) (ver. 0.0)

911285-00957893

Accept License View License Agreement Click to deploy to users

You must accept the license agreement before allocating to other managers timothy.schen@colorado.edu

30-Oct-2025 Available

Type Product Serial Number Users Managers Ship Date Available Actions Status

Previous 1 Next

The screenshot shows the myQNX License Manager interface. On the left, there's a sidebar with a dark background containing icons for various QNX services like CU Sites, Advising, and Programming. The main area has a header with tabs for Products & Services, Markets, Developers, Partners, and Support. Below the header, the title "myQNX License Manager" is displayed. A sub-header "Products" is selected. The main content area shows a table with one entry:

Type	Product	Serial Number	Users	Managers	Ship Date	Available Actions	Status
Named User	QNX Software Development Platform 8.0 - Perpetual - Non-Commercial Single User License (Non-Commercial/Academic License Class) (ver. 8.0)	911285-09957893	timothy.scherr@colorado.edu	timothy.scherr@colorado.edu	30-Oct-2025		Deployed

Below the table, there are buttons for Export and Import, and a search bar.

The link in the email should take you to

<https://www.qnx.com/download/group.html?programid=29178> to download the software center, which you then use to download the QNX SDP 8.0.

The QNX Software Development Platform (SDP) 8.0 includes:

- the QNX OS 8.0, a general-purpose real-time operating system
- the QNX Tool Suite, a set of software development tools
- the QNX Software Center, a centralized software delivery system

The screenshot shows a web browser window with the URL [www.qnx.com/download/group.html](http://www.qnx.com/download/group.html). The main content area displays a list of download links under the heading "By Date".

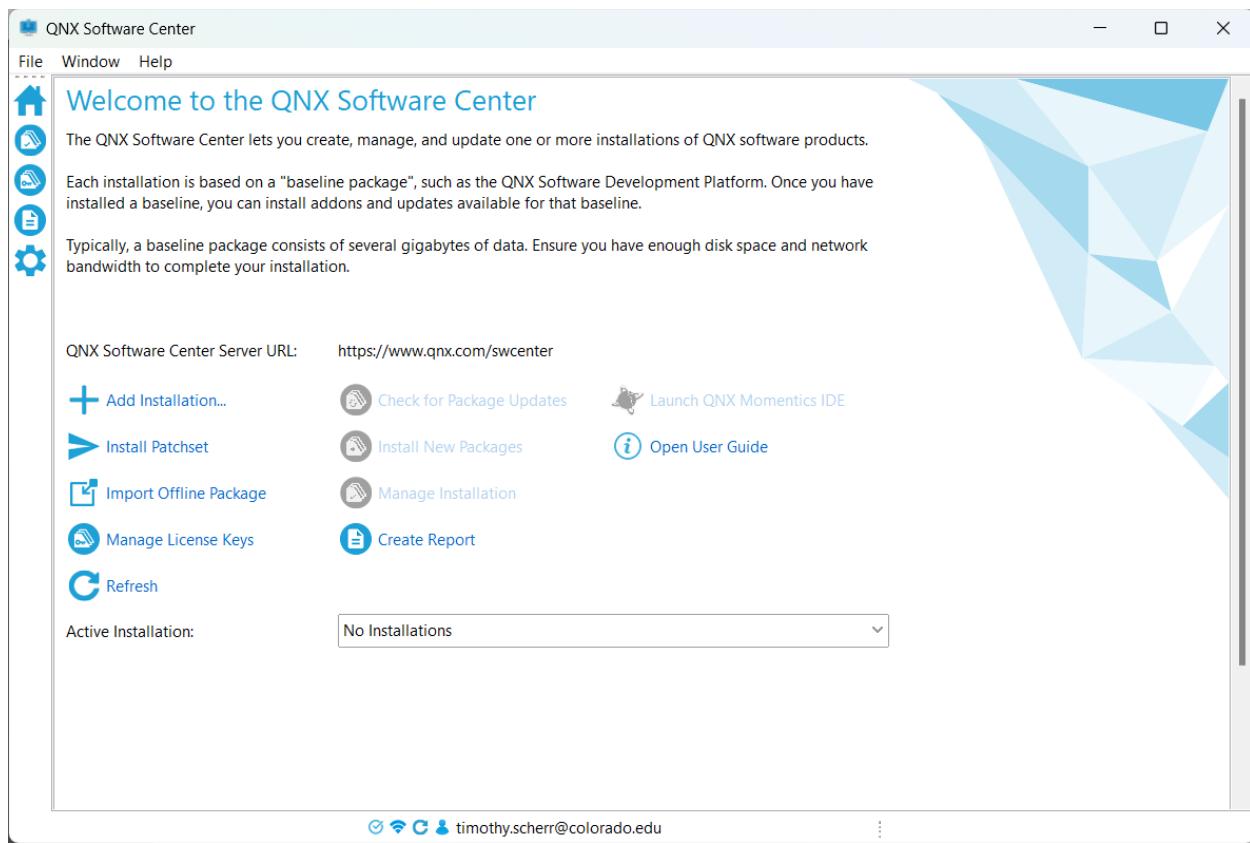
- 2025 February 11th:**
  - [QNX Software Center 2.0.4 Build 202501021438 - Linux Hosts](#) (99.85 MB) [Download Now](#)
  - [QNX Software Center 2.0.4 Build 202501021438 - Windows Hosts](#) (98.05 MB) [Download Now](#)

Below the download links, there are sections for "Archived Items", "Documentation", "Collateral", and "License Information". The "Collateral" section includes links to "Porting libraries", "Japanese docs", "Product documentation", "Third-party reports", "Video library", and "Whitepapers".

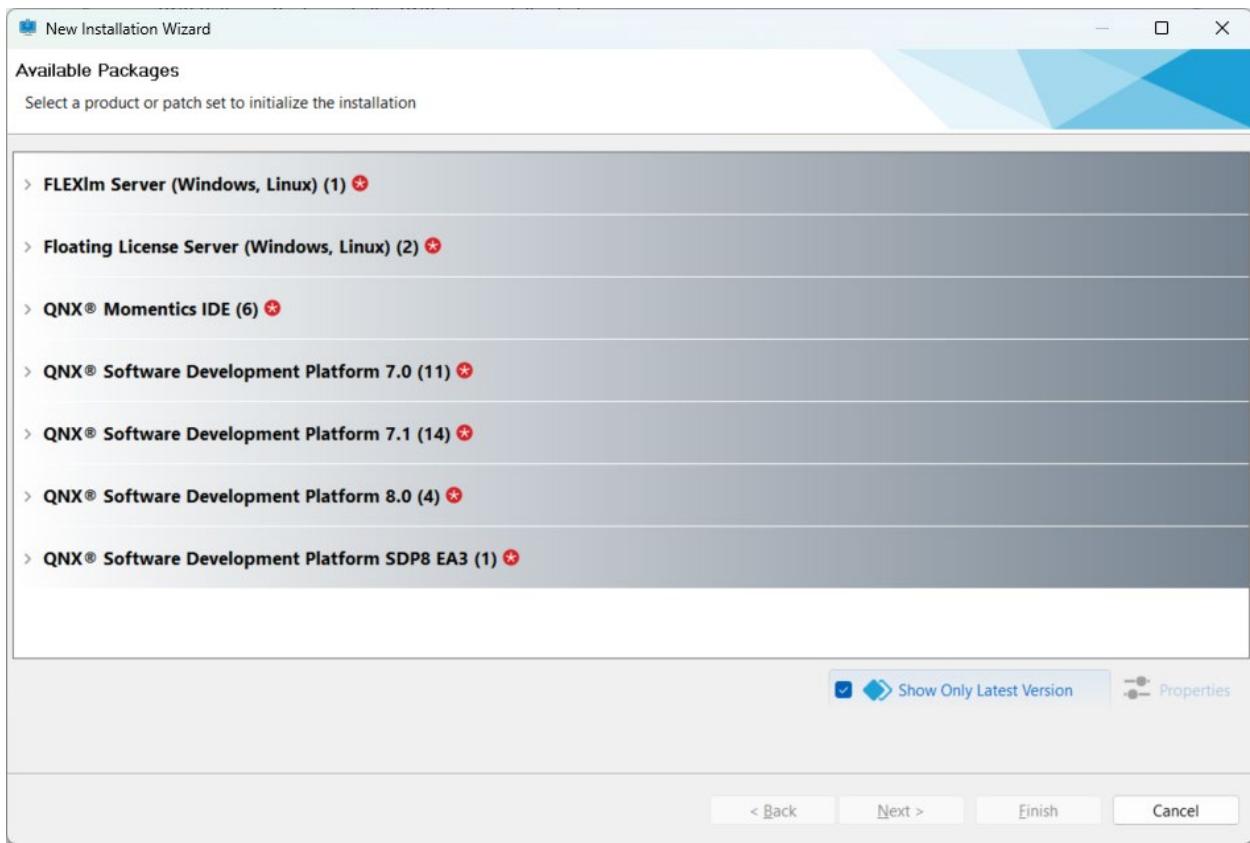
Install to the default directory.



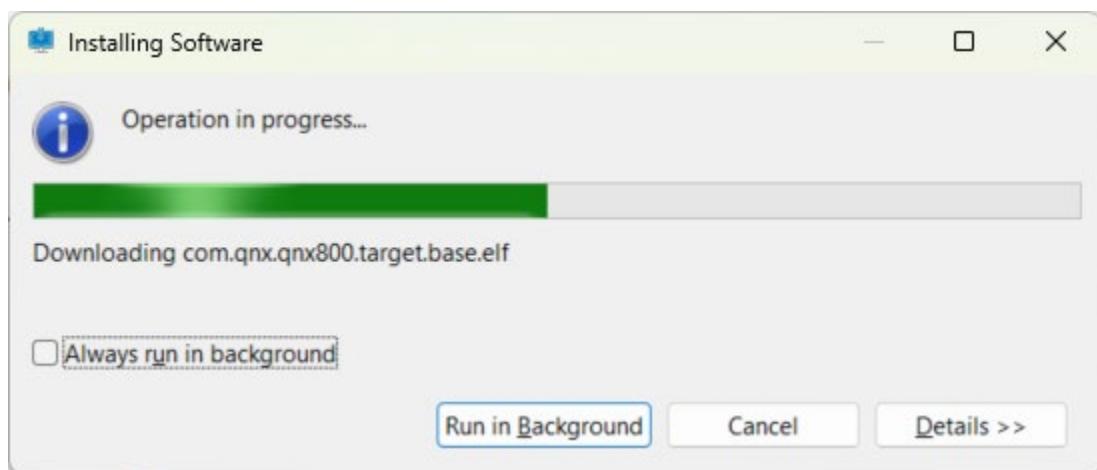
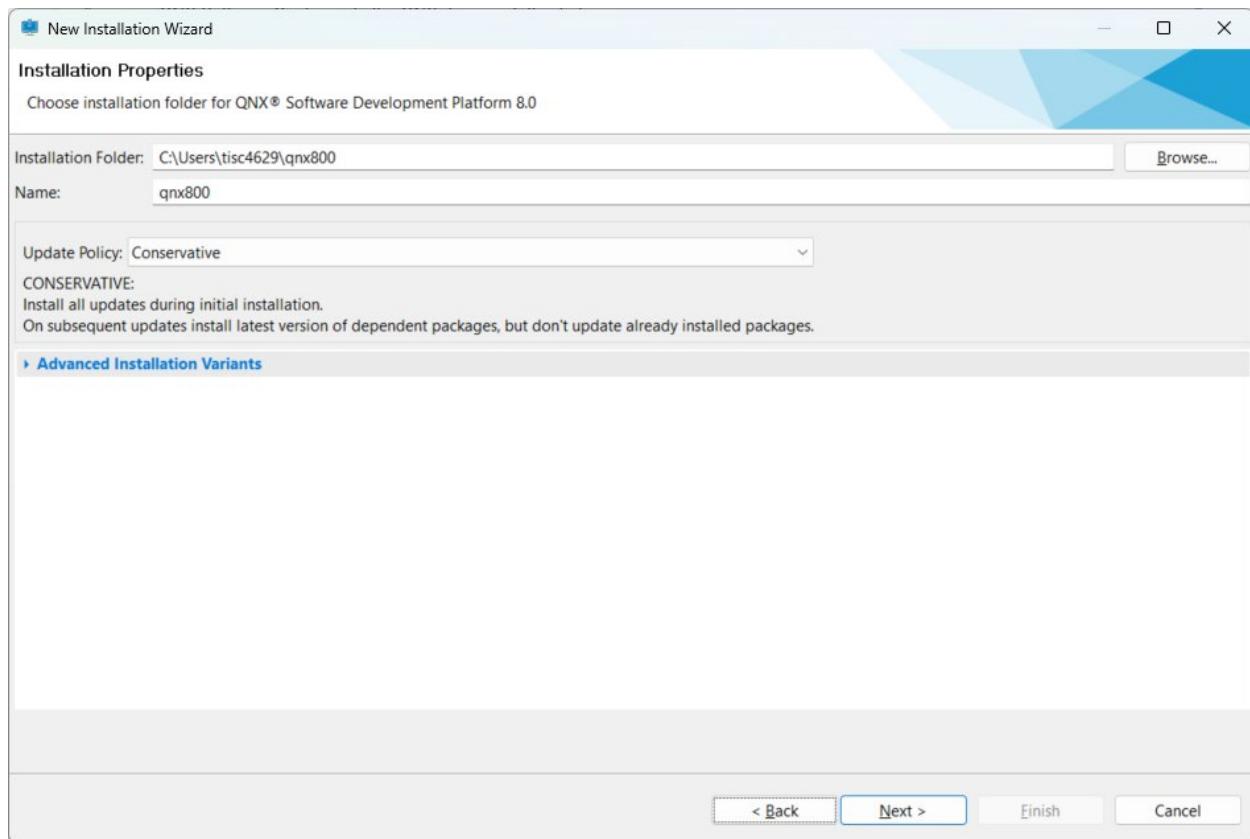
You should see:



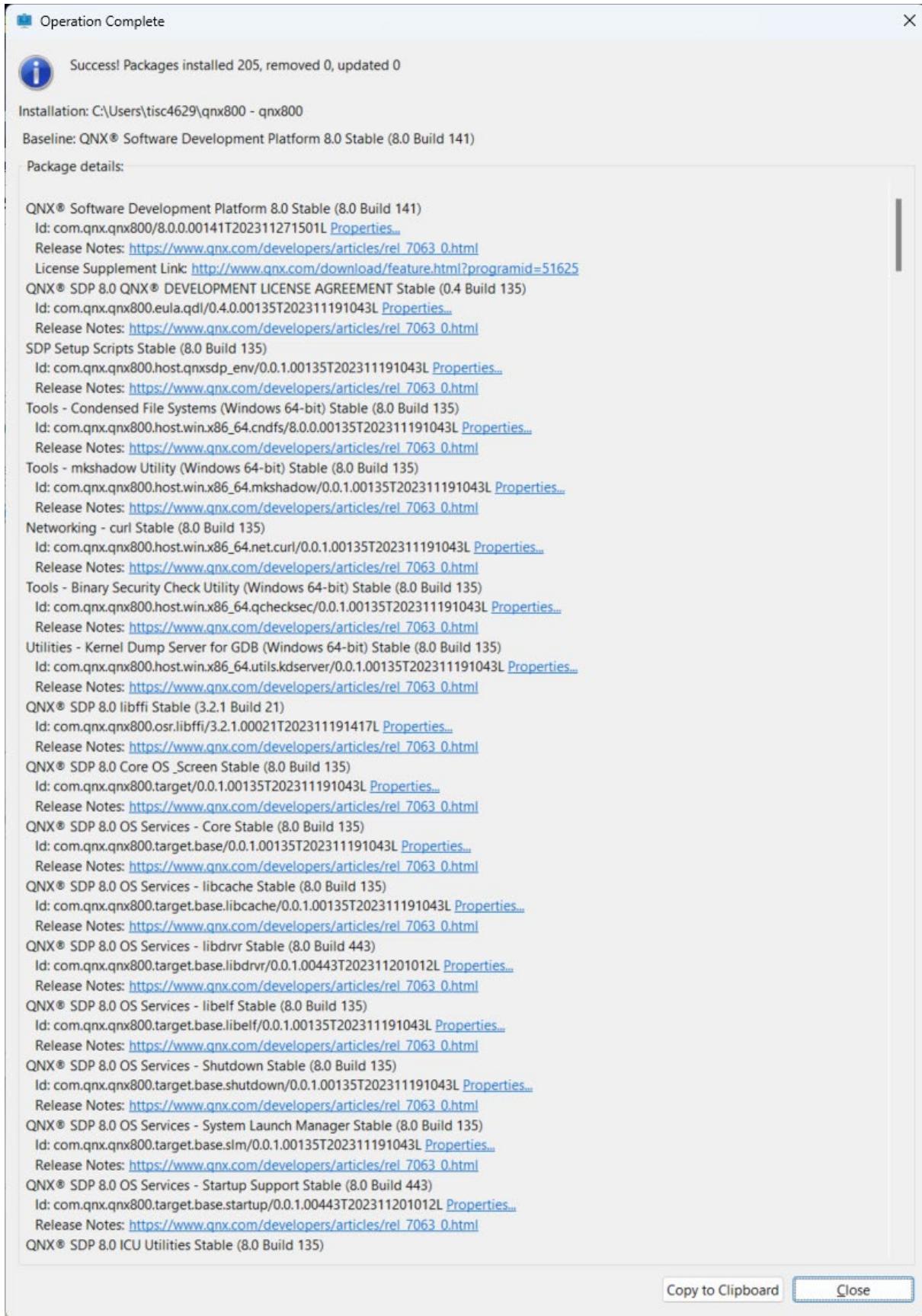
Click on Add Installation.



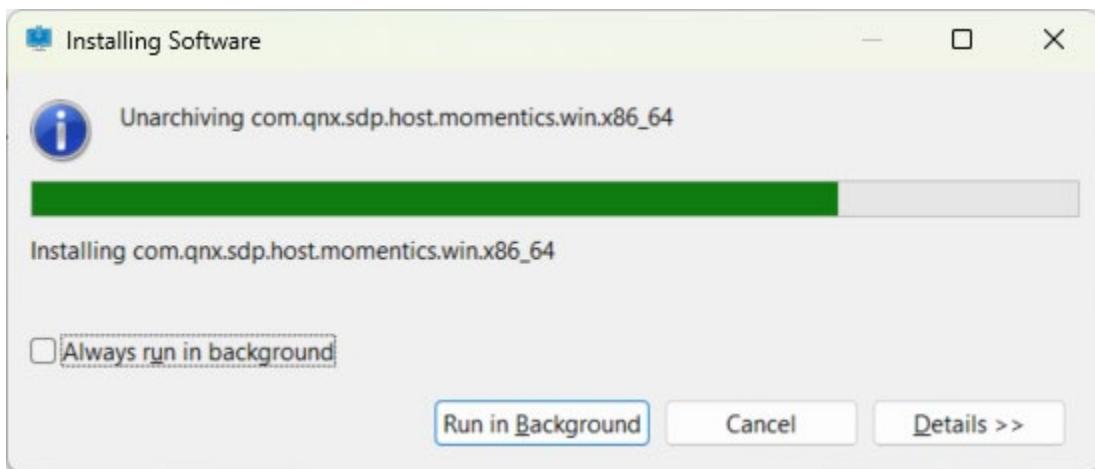
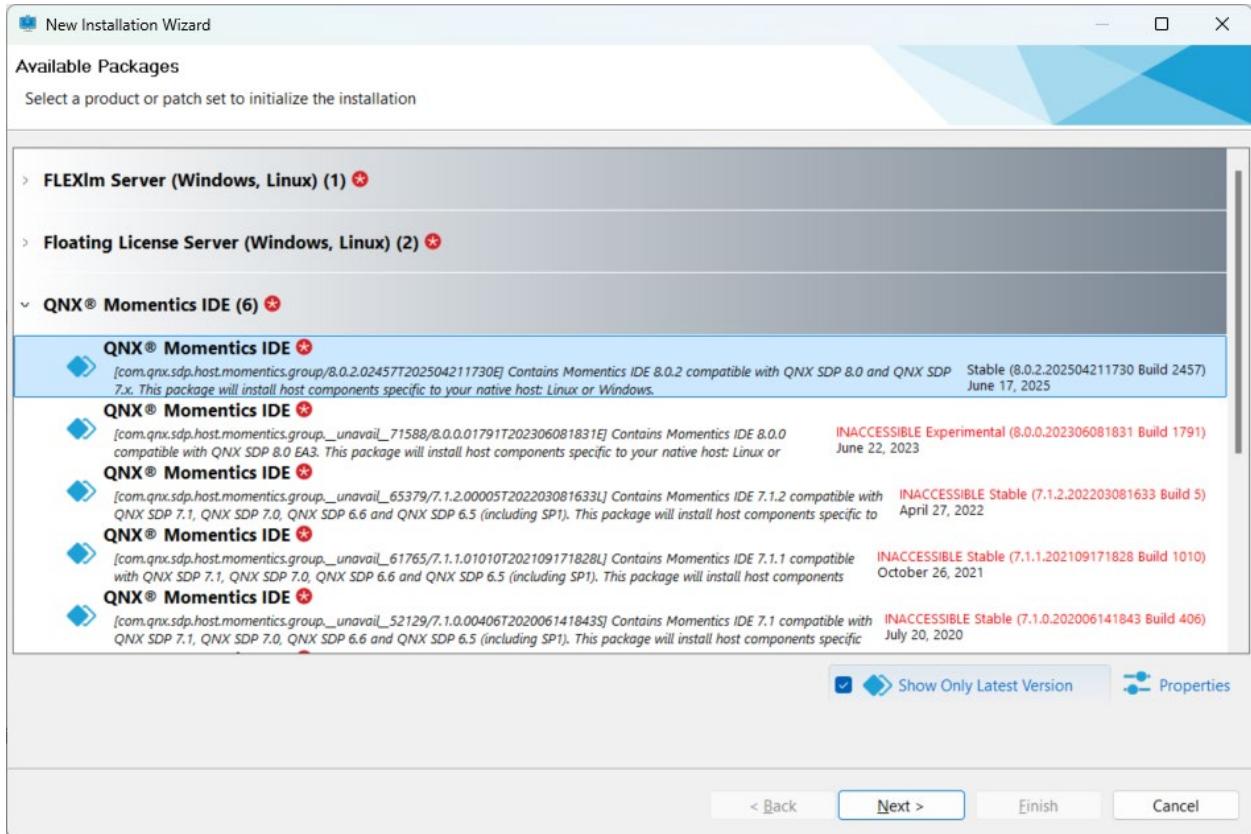
Install 8.0

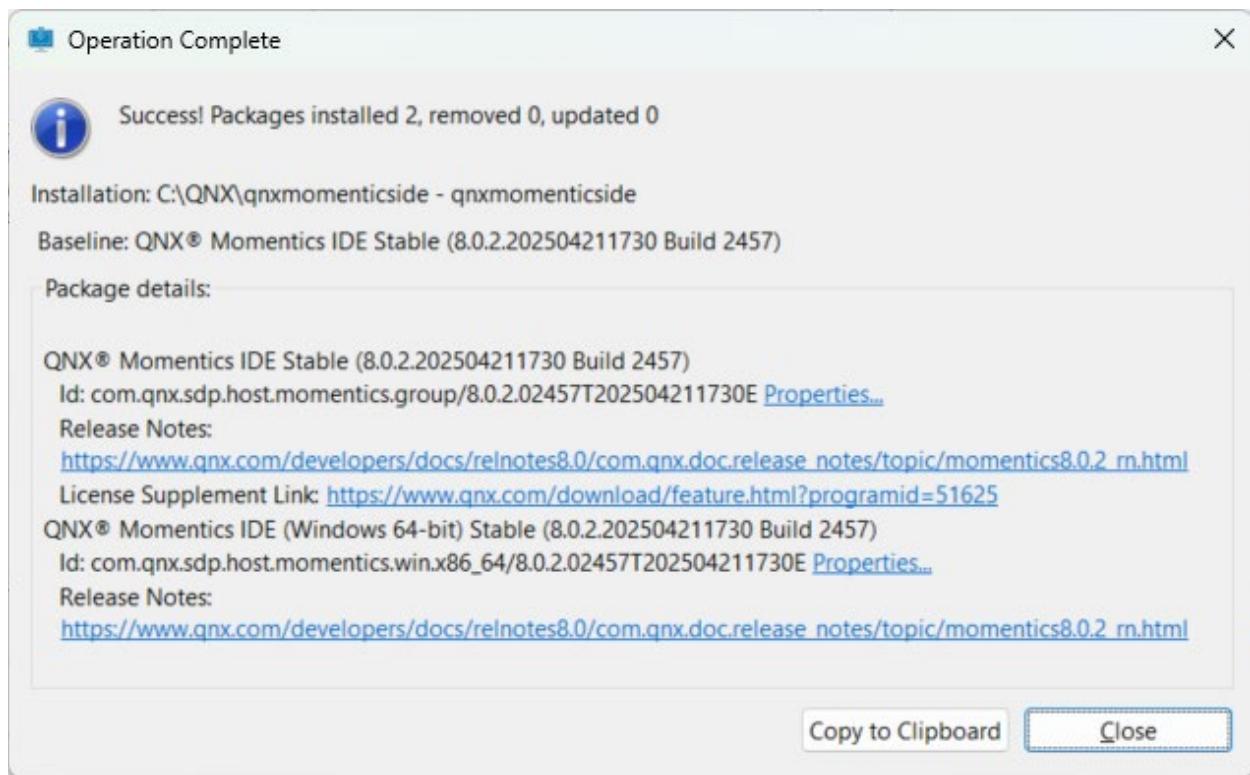


You should see success!

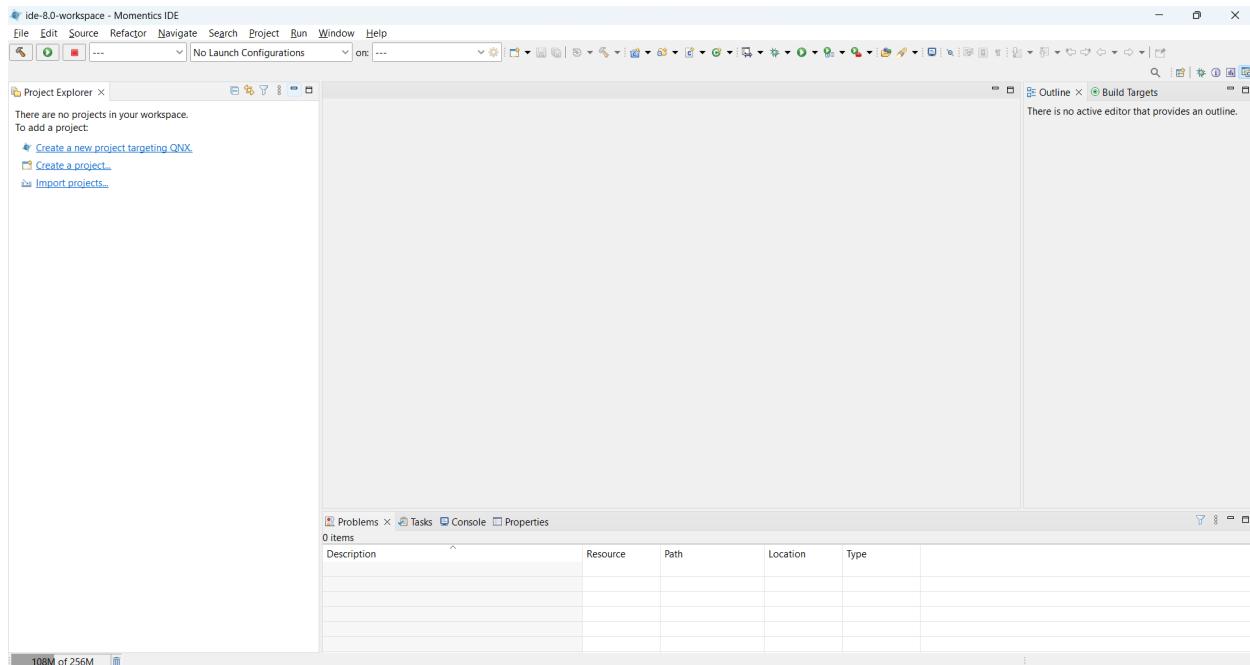


You can see it includes GCC, GDB, and the Microkernel.  
Also download the QNX Momentics IDE:

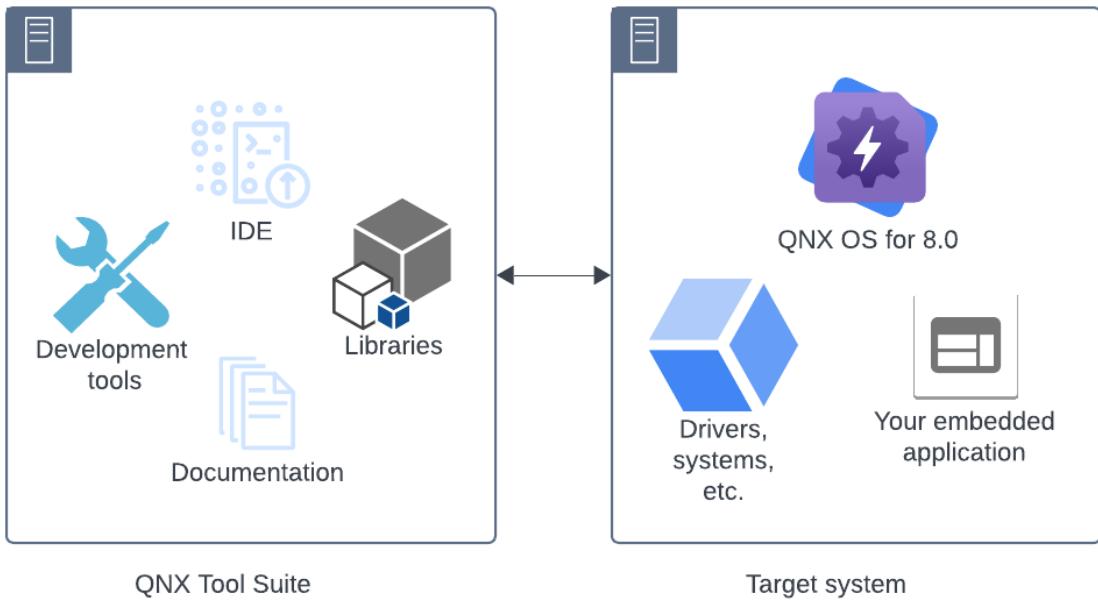




Running Momentics you should see:



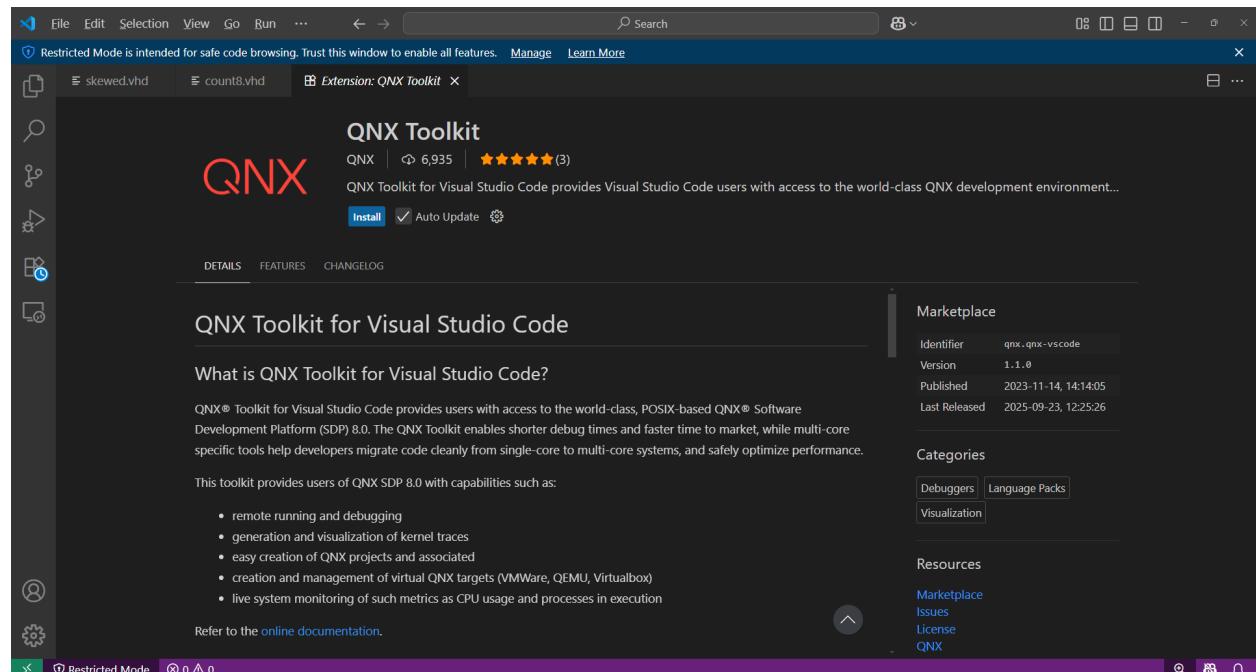
As you can see, this is an Eclipse IDE environment. Alternatively, you can use the QNX Toolkit for Visual Studio Code.



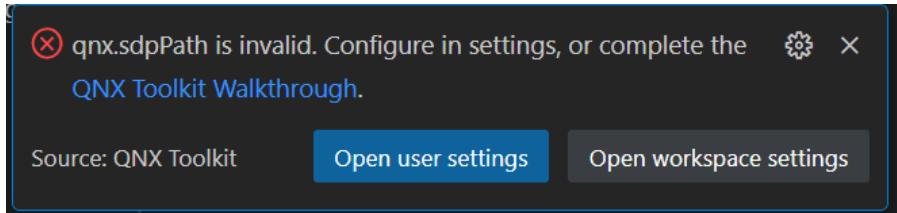
To install the QNX toolkit for Visual Studio Code, see  
[https://www.qnx.com/developers/docs/8.0/com.qnx.doc.qnxtoolkit.user\\_guide/topic/quickstart\\_guide.html](https://www.qnx.com/developers/docs/8.0/com.qnx.doc.qnxtoolkit.user_guide/topic/quickstart_guide.html)

Download the QNX Toolkit from here:

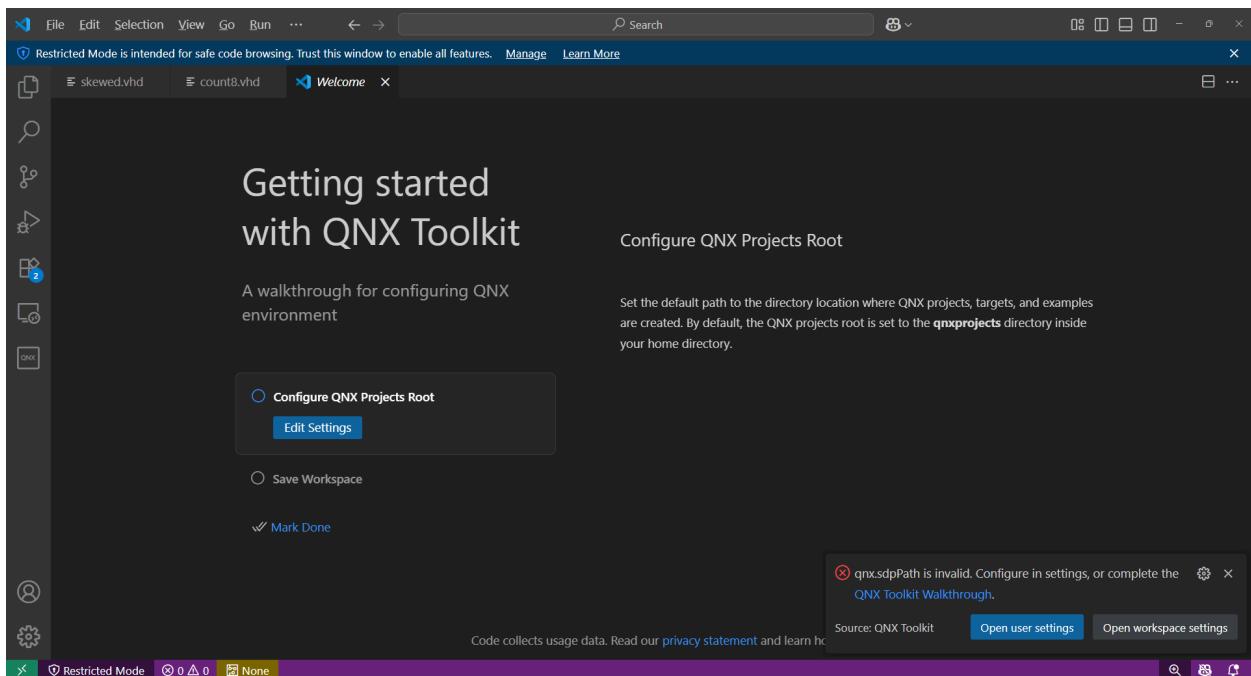
<https://marketplace.visualstudio.com/items?itemName=qnx.qnx-vscode>



Click on Install. Trust Publisher and Install. Once installed you may see this message:



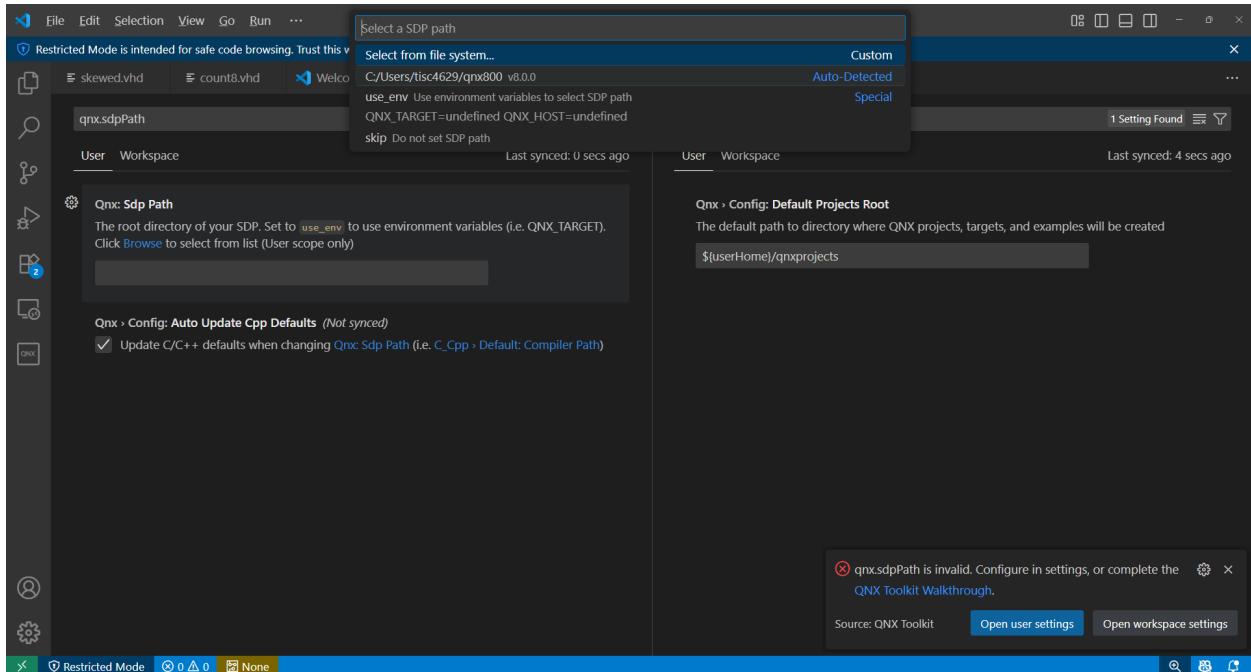
Complete the QNX Toolkit Walkthrough.



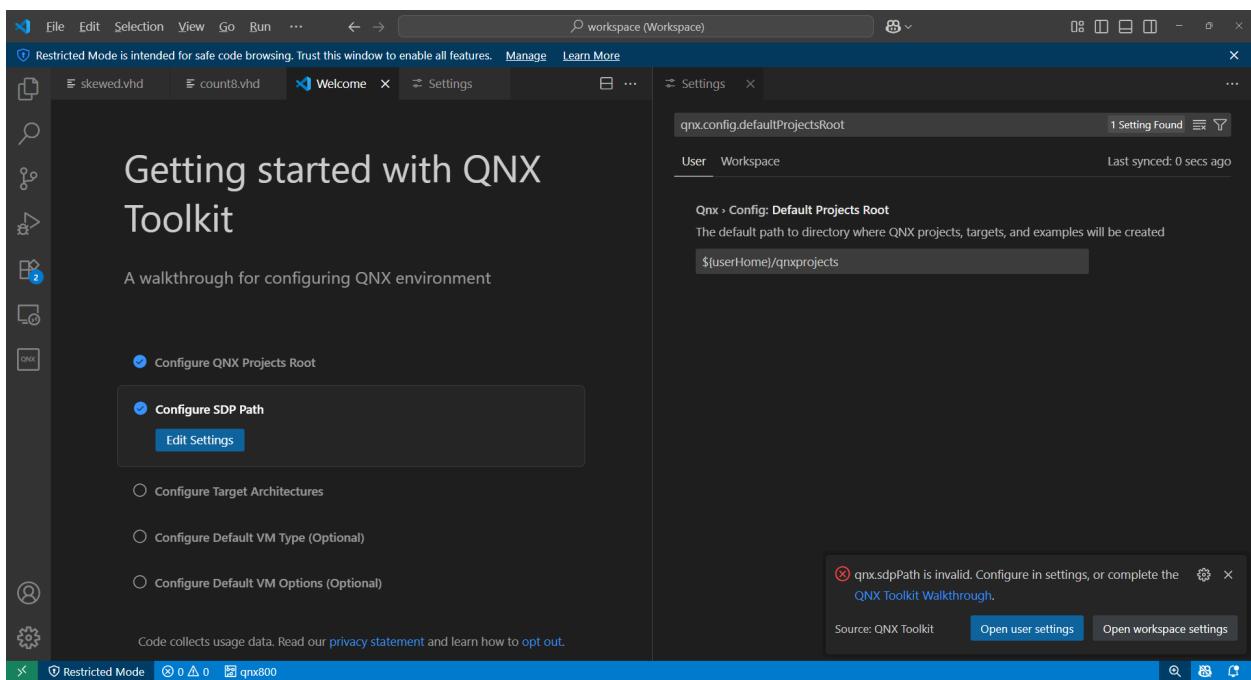
Click Edit Settings, and then Backup and Sync Settings to use the default directory.

I signed in using my CU Microsoft account.

Set up the Sdp Path, use Browse to select from the list:



Install the C/C++ extension.



I selected Create Default Target, Auto-configure QNX Projects, and Generate Example QNX projects.

Then click Mark Done.

## Documentation

Start with

<https://www.qnx.com/developers/docs/8.0/com.qnx.doc.qnxsdp.nav/topic/bookset.html>

For supported hardware see <https://blackberry.qnx.com/en/developers/board-support-packages>

For the ultimate Guide to RTOSs : <https://blackberry.qnx.com/en/ultimate-guides/what-is-real-time-operating-system>

QNX Toolkit Guide:

[https://www.qnx.com/developers/docs/8.0/com.qnx.doc.qnxtoolkit.user\\_guide/topic/about\\_this\\_guide.html](https://www.qnx.com/developers/docs/8.0/com.qnx.doc.qnxtoolkit.user_guide/topic/about_this_guide.html)