

Updating the TI-Innovator Hub to the latest version of the sketch (“firmware”)

For TI-84 Plus CE and TI-Nspire CX

June 5, 2021

Step 1: Check your TI-Innovator Hub sketch version

Connect your TI-Innovator Hub to your calculator with a unit-to-unit cable.

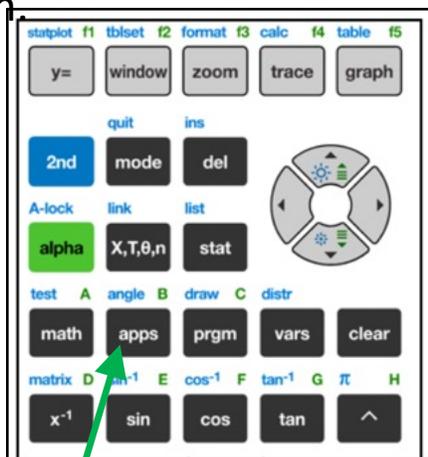
As the Hub powers up you will see a colored light for a few seconds.

Magenta is the color for the Version 1.4 Sketch.

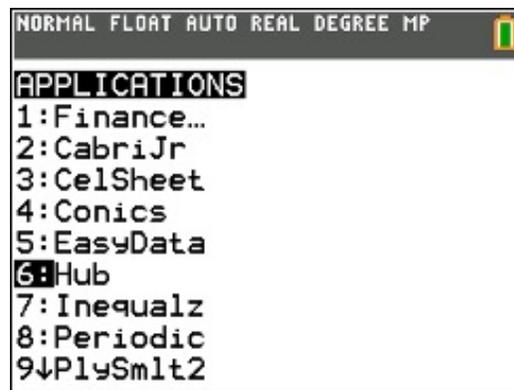
Orange is the color for the Version 1.5 Sketch (March 2021).



After connecting the TI-Innovator Hub with a unit-to-unit cable, you can also check the Hub sketch version by pressing the [apps] key followed by selecting the Hub app from the menu. The sketch version will be displayed in green.



Press the [apps] key



Select 6: Hub from the Apps menu



The Sketch version is displayed.

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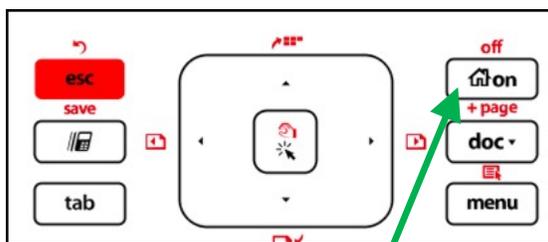
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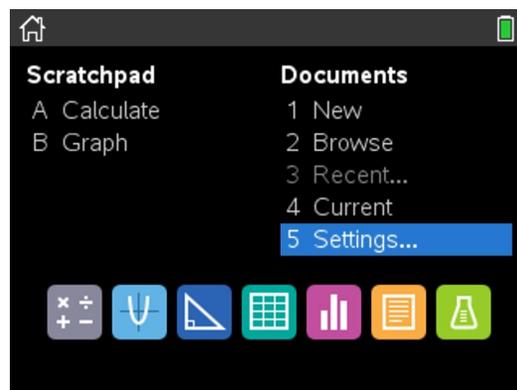
Orange is the color for the Version 1.5 Sketch (March 2021).



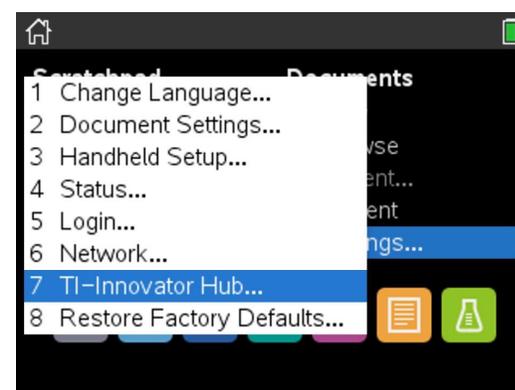
After connecting the TI-Innovator Hub with a unit-to-unit cable, you can also check the Hub sketch version by pressing the [Home/on] key followed by 5:Settings then 7:selecting the Hub app from the menu. The sketch version will be displayed in the dialogue box.



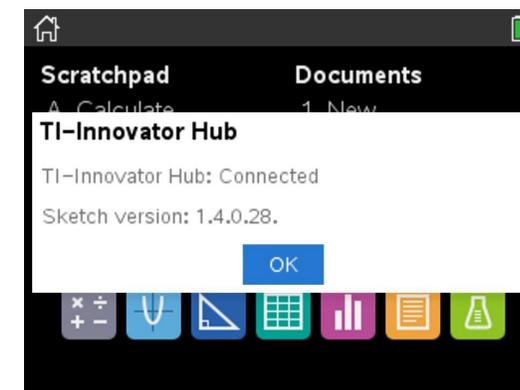
Press the [Home/on] key



Select 5: Settings...



Select 7: TI-Innovator Hub...

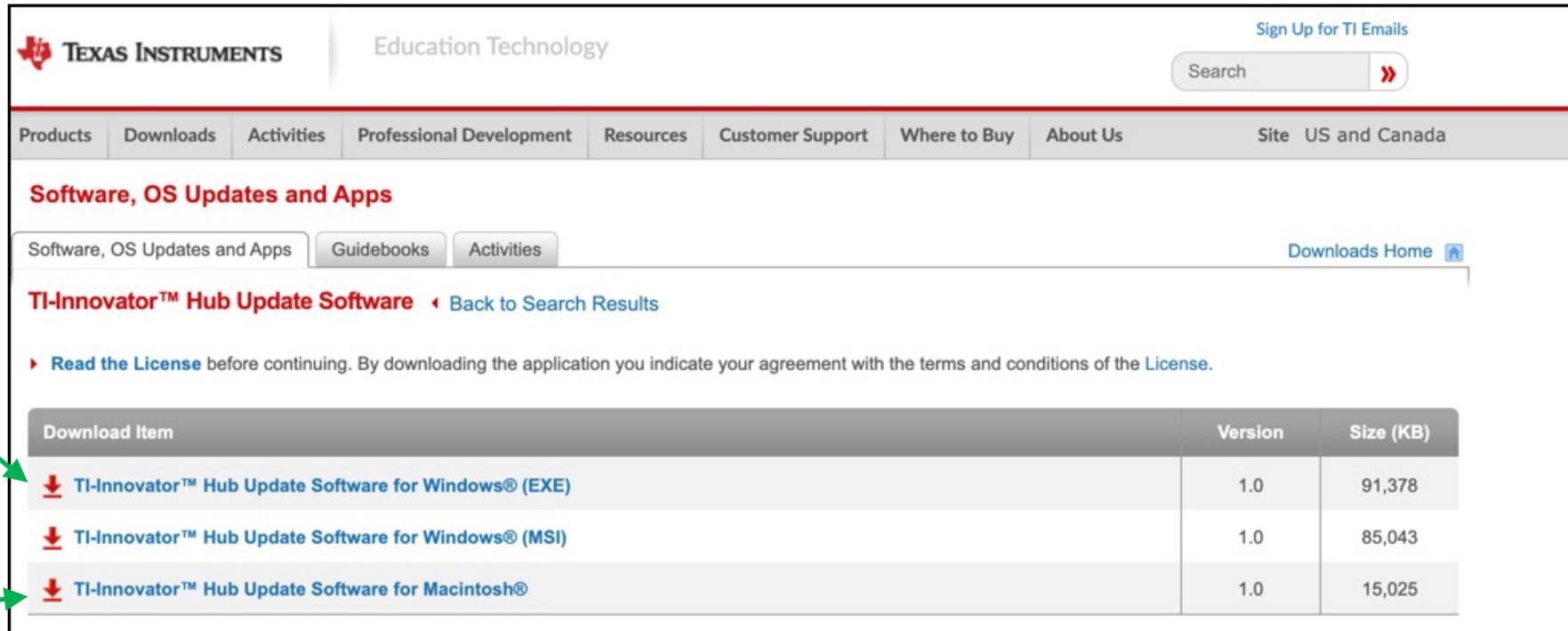


The Sketch version is displayed.

Step 2: Download the TI-Innovator Updater Software

Download the latest version of the TI-Innovator Updater Software (Version 1.0) at this [link](#).

Note: Windows users download .EXE file for individual installation.



The screenshot shows the TI-Innovator Hub Update Software download page. The page header includes the Texas Instruments logo, "Education Technology", and a search bar. The main navigation menu includes "Products", "Downloads", "Activities", "Professional Development", "Resources", "Customer Support", "Where to Buy", and "About Us". The page title is "Software, OS Updates and Apps". The main content area shows "TI-Innovator™ Hub Update Software" with a "Back to Search Results" link. A note states: "Read the License before continuing. By downloading the application you indicate your agreement with the terms and conditions of the License." Below this is a table of download items:

Download Item	Version	Size (KB)
TI-Innovator™ Hub Update Software for Windows® (EXE)	1.0	91,378
TI-Innovator™ Hub Update Software for Windows® (MSI)	1.0	85,043
TI-Innovator™ Hub Update Software for Macintosh®	1.0	15,025

Windows

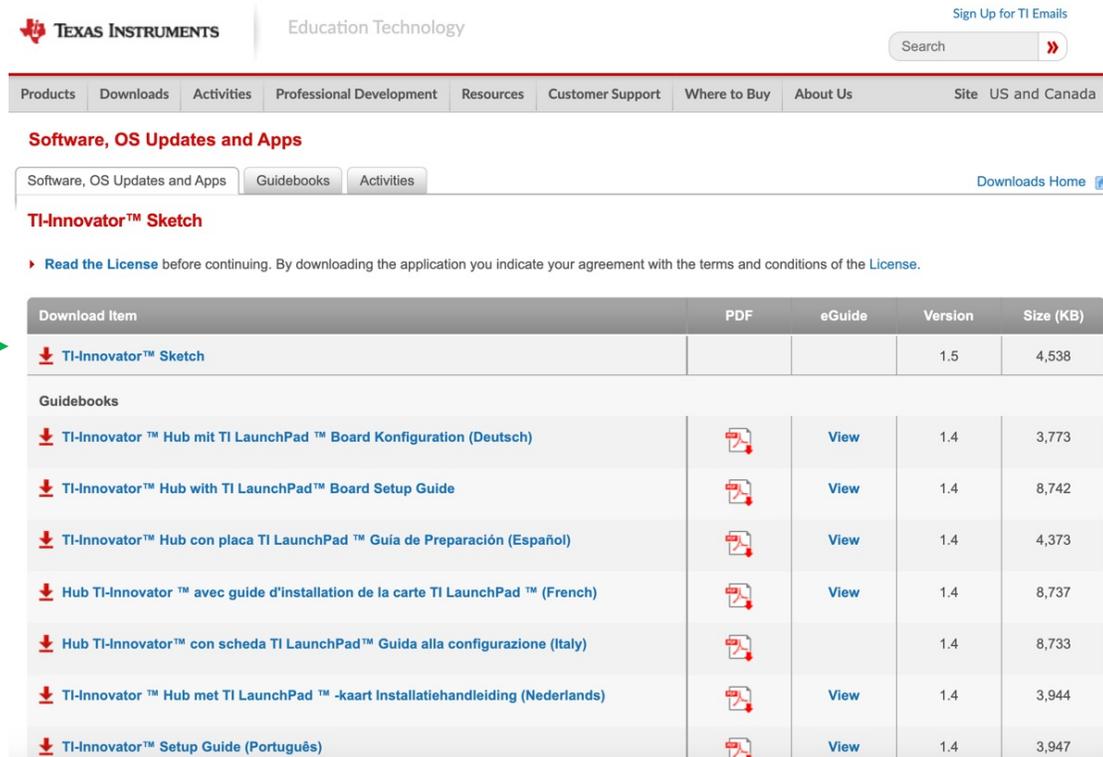
Mac

Find and open (or double click) the downloaded file to install.

Step 3: Download the latest TI-Innovator Hub sketch

Download the latest version of the TI-Innovator Sketch* (Version 1.5) at this [link](#). You will install the Sketch file on the TI-Innovator Hub with the Updater Software.

*The "Sketch" is the name used for the TI-Innovator Hub operating system.



The screenshot shows the TI-Innovator Hub website interface. At the top, there is a navigation bar with the Texas Instruments logo, 'Education Technology', a search bar, and a 'Sign Up for TI Emails' link. Below the navigation bar, there are tabs for 'Products', 'Downloads', 'Activities', 'Professional Development', 'Resources', 'Customer Support', 'Where to Buy', and 'About Us'. The 'Downloads' tab is selected, and the page title is 'Software, OS Updates and Apps'. Underneath, there are sub-tabs for 'Software, OS Updates and Apps', 'Guidebooks', and 'Activities'. The 'TI-Innovator™ Sketch' section is highlighted, and a green arrow points to the first row of the download table.

Download Item	PDF	eGuide	Version	Size (KB)
TI-Innovator™ Sketch			1.5	4,538
Guidebooks				
TI-Innovator™ Hub mit TI LaunchPad™ Board Konfiguration (Deutsch)		View	1.4	3,773
TI-Innovator™ Hub with TI LaunchPad™ Board Setup Guide		View	1.4	8,742
TI-Innovator™ Hub con placa TI LaunchPad™ Guía de Preparación (Español)		View	1.4	4,373
Hub TI-Innovator™ avec guide d'installation de la carte TI LaunchPad™ (French)		View	1.4	8,737
Hub TI-Innovator™ con scheda TI LaunchPad™ Guida alla configurazione (Italy)			1.4	8,733
TI-Innovator™ Hub met TI LaunchPad™ -kaart Installatiehandleiding (Nederlands)		View	1.4	3,944
TI-Innovator™ Setup Guide (Português)		View	1.4	3,947

Typically, the sketch file will be saved to the downloads folder or to the desktop. The location depends on your browser settings.

Step 4: Open the TI-Innovator Hub Updater Software

Follow the directions in the dialog box.

Step 4A: Plug a USB Micro Cable into the PWR port of the Hub.

Note: The Micro cable has a smaller profile than the USB Mini cable that plugs into the Hub Data port or into the calculator.



TI-Innovator™ Hub Update

STATUS:
❗ *No Hub connected.*

Connect a TI-Innovator Hub to your computer.

USB A

USB MICRO

PWR 1 2 3 4 5 6 7 8 9 10

Identify the Micro connector on the USB Standard A to Micro cable.

Insert the Micro connector into the power (PWR) port at the top of the Hub.

Insert the free end of the cable (the "A" connector) into the USB port on your computer.

[Hub not connecting?](#)

NEXT



TI-Innovator™ Hub Update

STATUS:
✅ *Hub connected.*

Connect a TI-Innovator Hub to your computer.

USB A

USB MICRO

PWR 1 2 3 4 5 6 7 8 9 10

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Insert the free end of the cable (the "A" connector) into the USB port on your computer.

[Hub not connecting?](#)

NEXT

Select NEXT



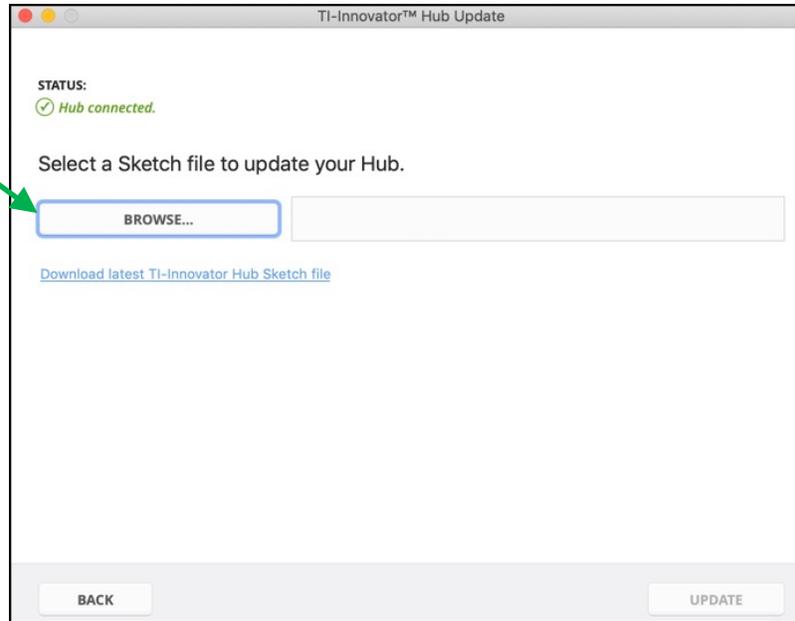
Step 4: Open the TI-Innovator Hub Updater Software

Follow the directions in the dialog box.

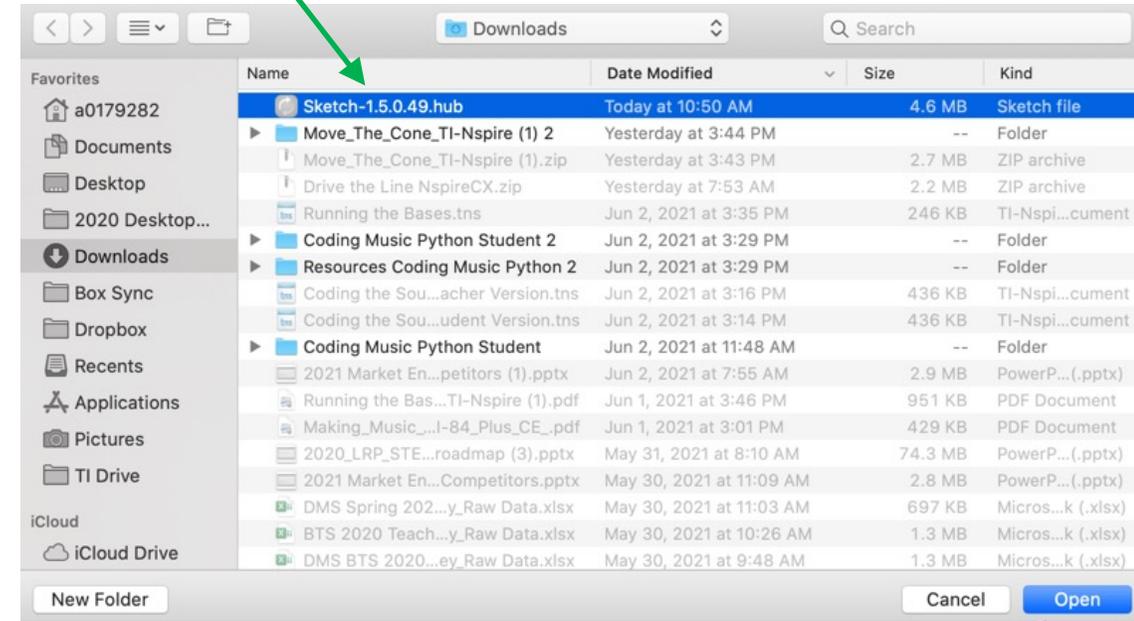
Step 4B: Browse to the Sketch file and then select the file in the dialogue.



Select
Browse



Click on the Sketch file

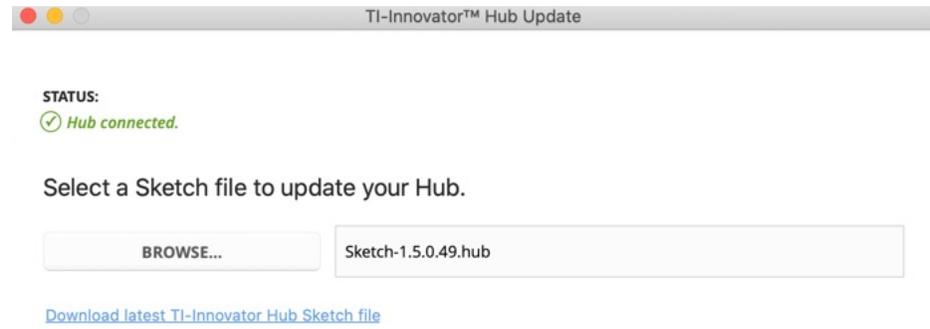
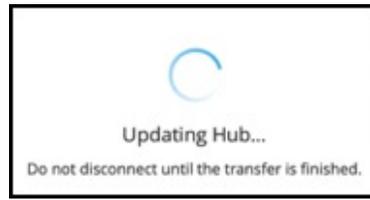
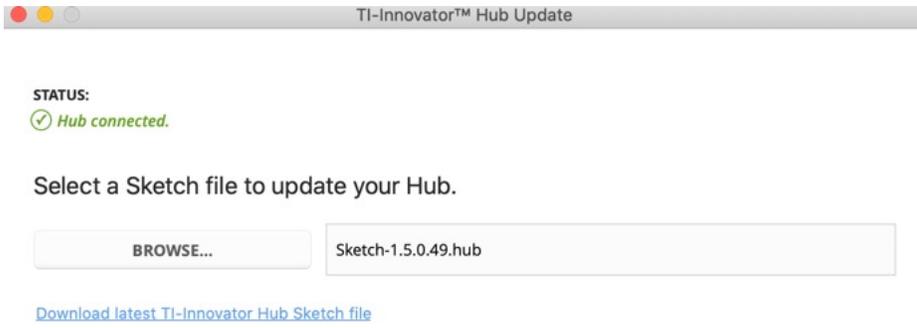


Select Open

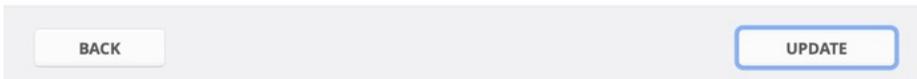
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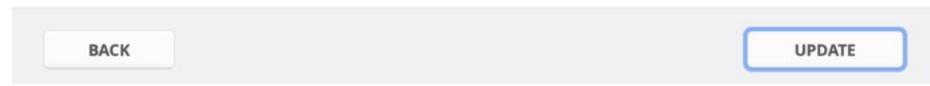
Step 4C: Update your TI-Innovator Hub with the selected Sketch file.



Hub successfully updated!
You can disconnect your Hub and update another.



Select UPDATE



Connect another Hub and select UPDATE or close the Updater application.