

## Updating the Hub Software

The TI-Innovator™ Hub contains software, TI-Innovator™ Sketch, that interprets Hub commands and communicates with on-board devices and connected modules. A Web-based tool lets you update the Sketch. Updated versions contain bug fixes and ensure that your TI-Innovator™ Hub can communicate with the latest components.

To obtain the latest version of the TI-Innovator™ Sketch go to the following site:

<https://education.ti.com/go/innovator>

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## Questions About the Hub Software

### What is the TI-Innovator™ sketch?

The 'sketch' is the software on the TI-Innovator™ Hub that communicates with the graphing calculator, processes the commands, and controls the external components.

### Do I need to update the sketch on the TI-Innovator™ Hub?

For best results always use the latest version of TI-Innovator™ sketch. To stay informed on any updates to the TI-Innovator™ Hub, make sure you register your product at [education.ti.com/register](https://education.ti.com/register) or check the TI-Innovator™ website at [education.ti.com/go/innovator](https://education.ti.com/go/innovator).

### What is the latest version of the sketch?

For best results always use the latest version of TI-Innovator sketch. You can always find the latest version of the sketch at [education.ti.com/go/innovator](https://education.ti.com/go/innovator).

### Why would I update the sketch?

There are a couple of different reasons to upgrade the sketch.

1. To get the latest version from TI that may include new functionality.
2. To restore the TI sketch after loading a custom sketch – This is only needed by advanced users who use an alternative sketch.

### How do I load the sketch on the TI-Innovator™ Hub?

The sketch can be updated through the TI-Innovator Hub Update Software. This software is a free download on the TI website.

### Can I update multiple TI-Innovator Hubs at the same time?

The TI-Innovator Hub Update Software only allows updating a single Hub at a time. However, the application is designed to allow you to update multiple Hubs without having to re-launch the software.

### Can the sketch that comes on the TI-Innovator™ Hub be edited to add functionality but still work with the TI calculator? Is the sketch open source?

The code for sketch that is loaded on the TI-Innovator™ has not been published for others to modify or edit. To maintain compatibility between the TI-Innovator™ Hub and TI calculator products, only use the officially published sketch for TI-Innovator™ Hub.

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