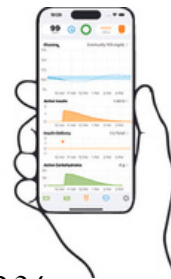


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PRINT VERSION](#)IF FORMATTING LOOKS ODD ON YOUR PHONE, PLEASE USE THIS  VERSION.

- Trio is Released
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- Features Spotlight
- iOS Version Update

- What are Keys?
- Pull Requests
- Customization Troubleshooting
- FB Q&A

Our Next Regular
Open Mic

12 September

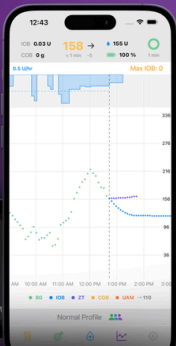
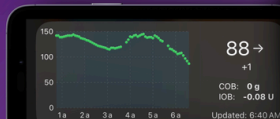
11a PT 🍻 2p ET 🍻 8p CET



TRIO 0.2.0

HIGHLIGHTS

- Live Activities
- Improved Settings & Safety Guardrails
- Critical Bug Fixes
- Seamless Integrations
- Open-Source, Community-Driven, & Peer-Reviewed



It's HERE!

We're thrilled to share the official release of Trio!



A huge thank you goes out to the many talented volunteers who dedicated their time and expertise to bring you this exciting new option for Open Source looping. We also want to express our gratitude to everyone who participated in the beta testing and patiently awaited this release.

Below is the announcement shared in the [Trio Facebook group](#), including full details on how Trio was brought to life and how to build it.

As with all things Open Source looping, do your research- and if you need help with any aspect of Trio, please reach out to the community for support. [Trio Facebook](#) and [Trio Discord](#) are the best places to seek help.

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From Team Trio: After many months of tireless work, we're thrilled to announce the official release of Trio 0.2.0, packed with safety upgrades, bug fixes, and a few new features designed to make managing your blood glucose levels smoother and more reliable than ever. You may notice the version number is 0.2.0. That is intentional. This version of Trio is the solid foundation to create something bigger and better. This is only the beginning.

We could not have done it without the great community of developers, project managers, and crucial team members who came together to exemplify the values of the **#WeAreNotWaiting** community. We want to thank everyone who has contributed to this app from its history to its present.

At this time, we will transition the Facebook group and page to the Trio Group to fully support the users of the Trio app. We encourage all who have been patiently waiting for the release to **build Trio**.

Here's what's new:

Open-Source for Transparency: Trio is fully open-source, including Oref, the algorithm behind our predictions and dosing decisions.

Improved Settings & Safety Guardrails: We've refined the default settings and improved the structure of safety guardrails to keep your health management safe and effective.

Major Bug Fixes: A host of critical and non-critical bugs have been squashed to ensure a seamless user experience.

Seamless Integrations: We've integrated LoopKit Submodules to harmonize Pumps, CGMs, and reporting services with the Loop app. Plus, enjoy Tidepool integration, improved Nightscout integration, and Dexcom One+ support.

Live Activities: Stay informed on the go with glucose, delta, and trend data displayed right on your iPhone lock screen and Dynamic Island.

Community-Driven & Peer-Reviewed: Every update has been peer-reviewed and thoroughly tested by the amazing Trio developer community. It has undergone additional beta testing to ensure the best chance of identifying and correcting critical issues.

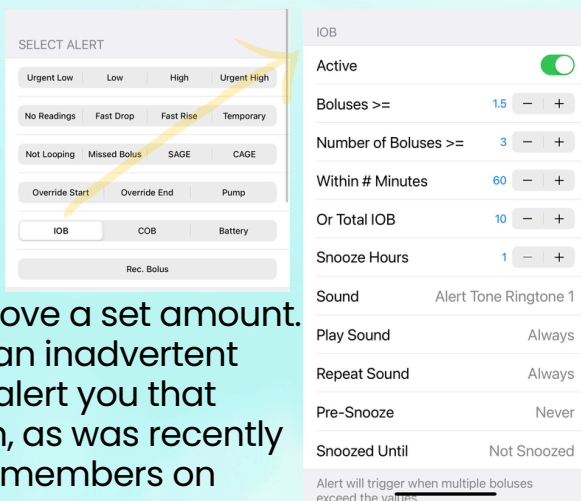
For full details of all the work done, check out the Trio 0.2.0 **Release Notes on GitHub**, hosted under The Nightscout Foundation.

CONT'D ON PAGE 3

Loop Follow

Feature Highlight & Major Update!

Loop Follow has a vast array of alarms, including IOB. You can be alerted if there are boluses above a given size, multiple boluses within a set number of minutes or if the looper's Total IOB is above a set amount. This can help prevent an inadvertent overdose - or at least alert you that steps need to be taken, as was recently detailed by one of our members on Facebook!



LoopFollow 2.2.5 is out and is FULL of great new features! **Check it out!**

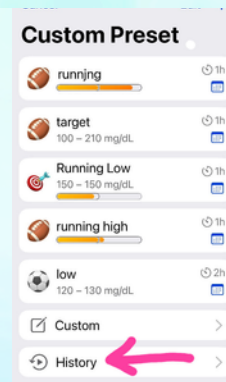


Loop Overrides History

Did You Know?

You can look back and see details of Overrides you set within the last 24 hours.

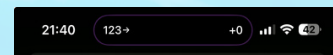
Simply tap the blue "Overrides" button at the bottom of Loop's main screen and scroll to the bottom, where you'll find "History". Tap on that and you're all set!



Live Activity & Dynamic Island a Features & Customizations Spotlight



Live Activity displays your glucose graph as a widget on your phone's lock screen so you don't have to unlock your phone to see it. While typical widgets often get stale and show data up to an hour out-of-date, Live Activity widgets are reliably updated every few minutes. Also, if you have an iPhone 14 or 15, it will put your glucose/ trend/ delta in your Dynamic Island (at the top of your screen) so you can see it even when you have a different app on your iPhone's screen. This feature is included in Trio and is available via **Customization Select Script** for Loop.



^ Dynamic Island in middle of top of unlocked screen

< Live activity on lock screen

iOS Version Update

We have successfully built Loop-main, Loop-dev, LoopCaregiver, LoopFollow 2.2.5, Trio, and iAPS 2.3.3 using Xcode 15.4 to an iPhone using iOS 17.6.1. There is no need to rebuild Loop when you update your iOS, but if you are an Xcode-Mac builder, you should be sure to keep your Mac updated in case you need an emergency rebuild. Mac OS was then updated from 14.6 to 14.6.1. Xcode randomly closed twice when building again, but the builds were successful. If your Xcode crashes after this macOS update, just open it and try again.

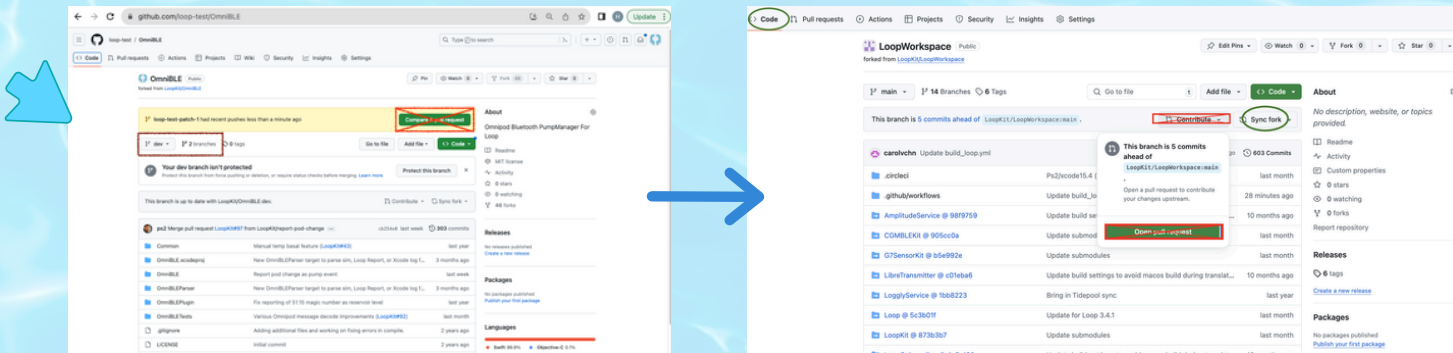
What are Keys?

When building with a browser and using Nightscout, we use two kinds of keys:

- API (Application Programming Interface) keys are needed for **Browser Builds**.
 - **Set up a secrets reference file**
 - **Download a file with a name that ends in "p8"**
 - API keys reside in your repository secrets
- APN (Apple Push Notification) keys are used for sending **remote commands** through Nightscout
 - **Download a different file with a name that also ends in "p8"**
 - APN keys reside in your Nightscout Config
- Be sure to keep these keys separate - they look much the same once downloaded, so be careful!
- Both keys and key IDs are needed for both API and APN
- New keys can be obtained at any time but you don't want to mix them up!

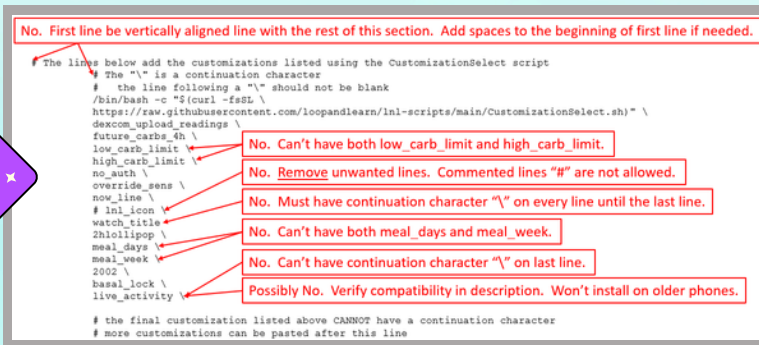
No Pull Requests, Please

Be kind to your developers: **Do NOT open a Pull Request** against LoopKit/ LoopWorkspace, Nightscout or Trio when you modify your build_loop.yml. Do not open a Pull Request against any LoopKit/submodule if preparing Loop or Trio customizations to submodules for browser build. This will save them a lot of work and enable them to stay focused.



Customization Troubles?

If your build fails after you build with a browser and then customize, here's **great advice and a visual** to help you through it!



Q&A from Facebook

Calling attention to helpful posts

Click on each question to "See what our experts said."



Can we rock hockey camp with Loop?



Should I run right out and get myself a CGM watch?



A lot of questions about watches this edition!

How do I go from...

G6 to G7?

G7 to G6?



Can I run Loop Caregiver on my Apple Watch?



How do I get Loop to work on my watch?



Can I get around geofencing of G7?

