



TrioDocs

Version: 0.4.0

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Return to the Released Version

Return to the Released Version

Trio keeps its released version on the `main` branch. Test versions live on the `dev` branch and on feature branches.

If *Trio* shows you a warning at startup saying it was built from `dev` or from another branch, this page tells you how to get back to the released version.

Why am I seeing a warning?

Trio checks which branch it was built from each time it starts, and warns you if that branch is not `main`. The warning appears once per start, so it comes back if you quit *Trio* and open it again.

- The `main` branch is the released version and is what almost everyone should run
- The `dev` branch is for expert testers — it changes often and contains features that have not been fully tested
- A feature branch contains work on a single change and is usually meant for the person developing it

Seeing this warning does not mean something is broken. It means you are running a test version.

Before You Switch

Check the Version Numbers

Moving from `dev` back to `main` is usually a **downgrade** — the version on `dev` is normally newer than the version on `main`.

An older Trio may not be able to open your existing data

Trio stores your history (glucose, pump events, carbs, and algorithm data) in a database on your phone. When a newer version of *Trio* changes the layout of that database, it upgrades your existing database to match. That upgrade only runs in one direction.

Going back to an older version can therefore fail to open the database you already have. If it does, *Trio* stops on the loading screen at startup and does not continue.

Before you switch:

- Find the version on `main` — see the [Trio releases page](#) ↗
- Find the version you are running now — open *Trio* and go to Settings, where the version is shown at the bottom
- If the version on `main` is **older** than the version you are running, ask on [Facebook](#) ↗ or [Discord](#) ↗ whether that particular downgrade is safe before you build

If your build does end up stuck on the loading screen, you have not lost your settings — reinstalling the version you were on before will let *Trio* open normally again.

Plan the Timing

- Your pod or pump session continues normally as long as you build with the **same** Apple Developer Account you used last time
- If you are using a different Developer Account, you will get a second, separate *Trio* app on your phone, and your existing pod will not work with it — plan that change for when you are due for a pod change anyway
- Do not delete your existing *Trio* app first; building over it keeps your settings

This is not medical advice

Changing app versions changes the software that automates your insulin delivery. If you are unsure whether or when to switch, discuss it with your diabetes care team.

Browser Build

These steps are for people who build *Trio* using *GitHub Actions* in a browser.

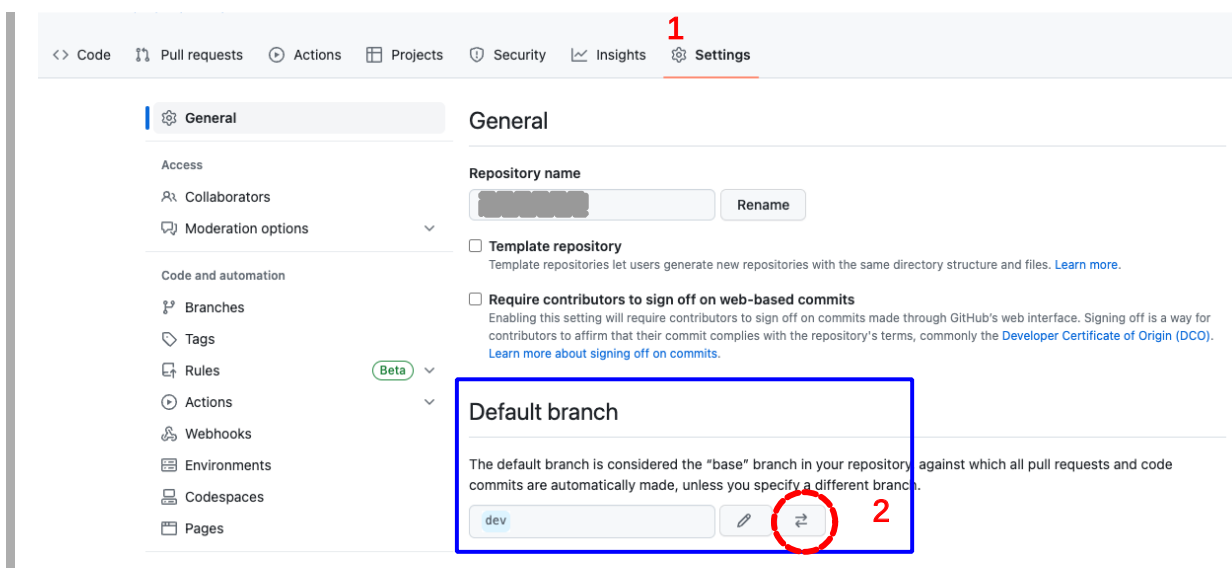
Set `main` as Your Default Branch

If you previously followed [Configure the `dev` branch as default](#), you need to reverse it. If you never changed your default branch, skip to [Update Your Fork](#).

Only the owner of the repository can do this, and you must be logged in — otherwise the Settings tab does not appear.

1. Click on the Settings icon near the top right of your *Trio* repository

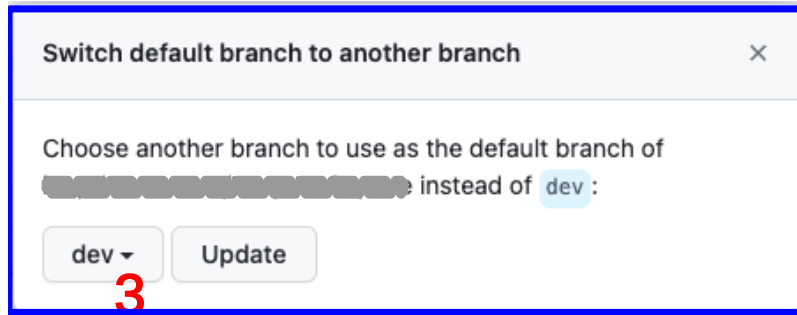
- You may need to scroll down to see the `Default Branch`
- Do not tap on the Branches tab on the left under Code and Automation, that is not the correct menu



2. To the right of the default branch name there is a pencil and a left-right arrow icon (⇄)

- Tap on the left-right arrow icon (⇄) to bring up the `Switch default branch to another branch` dialog

3. Click on the dropdown next to the current default branch, in this case `dev`



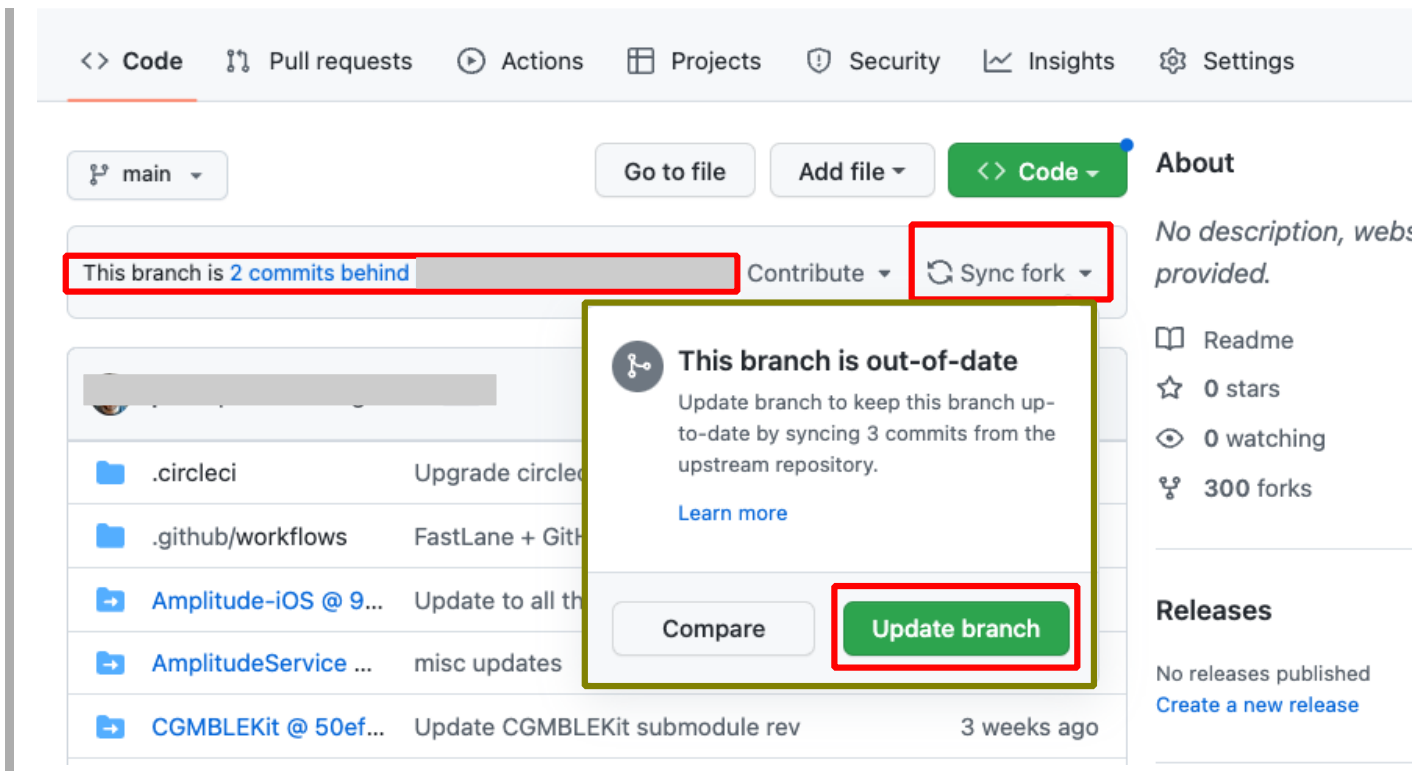
4. Select `main`
5. Click on the `Update` button
6. You will be presented with an are-you-sure question
 - Click on the red `I understand, update the default branch.` button

Your default branch is now `main`, and your weekly automatic builds will follow `main` from here on.

Update Your Fork

Tap the `Code` button (upper left) and make sure the `main` branch in your fork is up to date.

- Select `main` in the branch dropdown menu
- If the message says this branch is "behind", tap the `sync fork` button and then the `Update branch` button



Build Trio from `main`

Run the `Build Trio` action, making sure `main` is selected in the branch dropdown menu.

Follow the normal steps on [Build the App](#), and install the resulting build from `TestFlight` as usual.

Hit Refresh

After you tap the green Run workflow button, *GitHub* can be slow to update.

- Refresh the browser if you are unsure if the action started
- Do not start a new action until the first one completes

Mac Build

These steps are for people who build *Trio* with *Xcode* on a *Mac*.

The easiest way is to download a fresh copy of the released code rather than changing the copy you already have.

1. Follow [Build Trio with Xcode](#) from the beginning
2. When the Build Select Script asks you which branch to build, **type 1 and press return to select** `main`
3. Continue with the normal build steps

Your settings and pod session are preserved as long as you sign with the same *Apple* Developer Account as before.

After You Switch

The startup warning stops appearing once you are running a build made from `main`.

If you still see it:

- Check that the build you installed is actually the new one — open Settings in *Trio* and look at the version and branch shown at the top
- For a browser build, check that you selected `main` in the `Build Trio` action, not just as your default branch
- Remember that *TestFlight* may still be offering you the older build — make sure you installed the newest one

Going Back to `dev` Later

If you want to test again in the future, follow [Build Dev with Browser](#) or select the `dev` branch in the Build Select Script when building with *Xcode*.