



TrioDocs

Version: 0.4.0

Date: May 25, 2025

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Glossary

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Each item in the glossary is also a Tooltip. The word or phrase is repeated in parentheses to assist those using Google Translate.

When Google Translate is selected:

- Tooltips, indicated by dashed underline, continue to be shown in English
- On the Glossary page
 - The first instance (in bold) remains in English
 - The second instance (in parentheses) is translated to your selected language

API (API): Application Programming Interface

APN (APN): Apple Push Notification service

App Group (App Group): a unique identifier that Apple users for a given app, yours has your **TEAMID** embedded in it

BLE (BLE): Bluetooth low energy, used for communication by phones, **CGM** and some pumps

branch (branch): version of code within a single repository or workspace repository

CAGE (CAGE): cannula (or pump site) age on Nightscout site

Certificate (Certificate): Apple certificate is used to sign your **iOS** or Mac apps - tied to but different from your permanent Developer ID

CGM (CGM): continuous glucose monitor, wearable medical device that measures and reports glucose in interstitial fluid

clone (clone): create a copy of a repository on your computer including revision history and ability to update using git commands

COB (COB): Carbs on Board, affects automated insulin delivery

commit (commit): a formal change to files in a repository; each commit has an alphanumeric identifier (SHA-1)

Correction Factor (Correction Factor): how many points your blood sugar will drop for each unit of insulin

CR (CR): Carb Ratio; how many grams of carbs are covered by one unit of rapid-acting insulin

DIA (DIA): Duration of Insulin Action, the full time insulin is active including a long, low-level tail

DIY (DIY): Do it yourself, a common acronym for the open-source software community (and the maker community)

fork (fork): a copy of code in a github repository other than the original

GIF (GIF): Graphics Interchange Format (GIF) can be used for small animations and low-resolution video clips

git (git): a tool for version control

GitHub (GitHub): an online service for storing repositories, accessible from a browser

github.com (github.com): an online service for storing repositories, accessible from a browser

Glucose Chart (Glucose Chart): Display of measured and predicted glucose values

GMT (GMT): Greenwich Mean Time is mean (average) solar time at 0 degrees longitude, see UTC

Guardrails (Guardrails): limits in the code for user selected settings, recommended and absolute limits are provided

Hamburger Menu (Hamburger Menu): three parallel lines that, when tapped, open a new menu

Identifiers (Identifiers): names of modules found on your Apple Developer Identifiers page that are required for GitHub build method

IOB (IOB): Insulin on Board, affects automated insulin delivery: the current active insulin (above or below the basal rate)

iOS (iOS): operating system used by Apple Mobile devices (iPhone, iPod, iPad)

ISF (ISF): Insulin Sensitivity Factor; how many points your blood sugar will drop for each unit of insulin; sometimes called Correction Factor

Issue (Issue): On github - a formal method to report a problem, either code behavior or documentation

JSON (JSON): JavaScript Object Notation; a standard data interchange format that is text-based and human readable

macOS (macOS): operating system for Mac computer

Loop (Loop): With a capital L, Loop is one of several do-it-yourself artificial pancreas systems

Match-Secrets (Match-Secrets): a private repository you must create in your github account, stores keys required to build with github Build Actions

MTB (MTB): Manual Temporary Basal: user initiated temporary basal, Omnipod Common feature

MDT (MDT): common abbreviation for Medtronic pumps

modal (modal): message or alert appearing in front of app that must be acknowledged to return to app

NFC (NFC): Near-Field Communication is used for scanning devices such as Libre sensors

Nightscout (Nightscout): a personal website used to view your glucose and diabetes management data.

Omnipod (Omnipod): Insulet tubeless insulin pump

PR (PR): Pull Request - a formal method to request changes to a repository

Provisioning Profile (Provisioning Profile): associates your app with your Developer ID and limits app lifetime to 1 year (paid) or 1 week (free)

Pull Request (Pull Request): formal method to request changes to a repository

QR (QR): a machine-readable code consisting of an array of black and white squares

repository (repository): contains project files and each file's revision history

TEAMID (TEAMID): One of 6 Secrets: Apple Developer account member number

FASTLANE_ISSUER_ID (FASTLANE_ISSUER_ID): One of 6 Secrets: the issuer ID is associated with your Apple Developer ID and never changes

FASTLANE_KEY_ID (FASTLANE_KEY_ID): One of 6 Secrets: Key ID provided when you create an API key in App Store Connect; it is associated with the FASTLANE_KEY

FASTLANE_KEY (FASTLANE_KEY): One of 6 Secrets: Really long key (several lines); it and FASTLANE_KEY_ID are generated together

GH_PAT (GH_PAT): One of 6 Secrets: Generated with your GitHub account; set it to never expire

MATCH_PASSWORD (MATCH_PASSWORD): One of 6 Secrets: Git repo encryption passphrase, used to encrypt the Match-Secrets repository when it is created. You must save and use the same MATCH_PASSWORD for every repository if you build multiple apps.

SHA-1 (SHA-1): Secure Hash Algorithm 1; used to generate an alphanumeric code for commits in git (github)

Terminal (Terminal): interface for entering commands to the computer

TestFlight (TestFlight): a method to distribute apps without direct connection

Tooltip (Tooltip): brief definitions provided for important terms and abbreviations on the website

URL (URL): website address (Uniform Resource Locator)

watchOS (watchOS): Apple watch operating system; must be compatible with phone iOS

workflow (workflow): a set of instructions to GitHub to perform an action; the instruction files are found in the .github/workflows folder of the repository

Xcode (Xcode): program used to build an app