

watchOS 4 GM Seed Release Notes

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About watchOS 4 GM Seed

The watchOS 4 SDK provides support for developing watchOS apps. The SDK comes bundled with Xcode 9.0 beta available from <https://developer.apple.com/download/>.

For information on the new APIs in watchOS 4, see [What's New in watchOS](#).

For information on the compatibility requirements for Xcode 9.0, see the [Release Notes](#).

Bug Reporting

For issues not mentioned in [Notes and Known Issues](#), file bugs through the Apple Developer website <https://developer.apple.com/bug-reporting/>.

When filing a bug, please include the full version number in the bug title and in the description. This looks like "4.0 (15Rxxxxx)." You can find the full version number on the Apple Watch in Settings > General > About > Version, or in the Watch App in My Watch > General > About > Version.

Technical Support and Learning Resources

Apple provides the following web resources to support your development:

- [Apple Developer Forums](#). Participate in discussions about developing for Apple platforms and using developer tools.
- [watchOS 4 Developer Forums](#). Participate in discussions about developing for watchOS 4 and issues with the SDK.
- For help with using Xcode, choose Help > Xcode Help.

Notes and Known Issues

CloudKit

Known Issues

- CloudKit doesn't support `unsigned long long` values with the high-order bit set. (30567424)
- Applications that use `CKModifyRecordsOperation` should specify an appropriate value for `CKModifyRecordsOperation.isAtomic`. If your client is compiled against watchOS 4, operations enqueued against the default `CKRecordZone` have new behavior because `atomic` is `true` by default. If the operation hits a "preflight" failure (most commonly, a network issue uploading a `CKAsset`, or a malformed `CKRecord`), the entire operation is canceled. (30838858)

CoreBluetooth

Known Issues

- CoreBluetooth is not supported on original Apple Watch or Apple Watch Series 1. (34049299)

HealthKit

Known Issues

- To track location in the background while a user is in a workout session, add `UIBackgroundModes/location` in the Info.plist file. (29483437)

WatchKit

Known Issues

- Automatic display of attachments in default WatchKit Notification interfaces do not work. (31589086)

Xcode

Known Issues

- Crashlogs may take a few minutes to sync and be visible in Xcode. (31156191)