

iOS SDK Release Notes for iOS 10.2 Beta 4



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Introduction

iOS 10.2 SDK provides support for developing iOS apps. It's packaged with a complete set of Xcode tools, compilers, and frameworks for creating apps for iOS and macOS. These tools include the Xcode IDE and the Instruments analysis tool, among many others.

With this software you can develop apps for iPhone, iPad, or iPod touch running iOS 10.2. You can also test your apps using the included Simulator, which supports iOS 10.2. iOS 10.2 SDK requires a Mac computer running macOS 10.10.3 (Yosemite) or later.

This version of iOS is intended for installation only on devices registered with the Apple Developer Program. Attempting to install this version of iOS in an unauthorized manner could put your device in an unusable state.

For more information and additional support resources, visit <http://developer.apple.com/programs/ios/>.

Bug Reporting

For issues not mentioned in the Notes and Known Issues section, please file bugs through the Apple Developer website <https://developer.apple.com/bug-reporting/ios/>. Additionally, you may discuss these issues and iOS 10.2 SDK in the Apple Developer Forums at <https://forums.developer.apple.com/community/beta/ios-10-beta>. To get more information about iCloud for Developers, go to <http://developer.apple.com/icloud>.

Autosubmission of Diagnostic and Usage Data

By default, iOS 10.2 beta 4 automatically sends anonymous diagnostic and usage data back to Apple. This includes information about crashes, freezes, kernel panics, and information about how you use Apple and third-party software, hardware, and services. This information is used to help Apple improve the quality and performance of its products and services. You can stop autosubmission of diagnostics and usage data by going to Settings > Privacy > Diagnostics and Usage > Don't Send.

Fixed in this Release

TV App

- “Clear Play History” in TV app settings should now delete the movies or shows a user has previously watched across devices.
- Users should no longer be prompted repeatedly to connect their apps to TV.
- Synced content in the TV app library should now display correct artwork and play back properly.

Notes and Known Issues

SOS

SOS is only supported in India.

AAC

Automatic Assessment Configuration (AAC) now prevents using the Universal Clipboard during an assessment.

SpriteKit

The following SKNode methods and attributes are deprecated, but missing the deprecation notice from the public header (SKNode.h):

DEPRECATED: Attributes are only supported for node classes supporting SKShader (see SKSpriteNode).

```
@property (nonatomic, nonnull, copy) NSDictionary<NSString *,
SKAttributeValue *> *attributeValues;
- (nullable SKAttributeValue*)valueForAttributeNamed:(nonnull NSString
*)key;
- (void)setValue:(SKAttributeValue*)value forAttributeNamed:(nonnull
NSString *)key NS_SWIFT_NAME(setValue(_:forAttribute:));
```

TV App

- In some situations, the TV app crashes or displays “TV is unavailable” on iPod touch.
- TV app cannot be restored after it is deleted.
- Syncing with iTunes 12.5 through 12.5.3 may delete TV app library content.

- In some cases, the TV app may take longer to launch than expected.