

# axe DevTools Mobile Release Notes

April 13, 2021

## Component Versions

- Attest-iOS v2.9.0
- axe-android v1.0.2
- attest-android v0.11.2
- attest-result v1.1.2
- axe for Android App v0.11.2
- axe DevTools Mobile Desktop App v0.20.0

## New Features

### axe DevTools Mobile for iOS

#### XCFramework

As of v2.9.0, axe DevTools Mobile for iOS will be an XCFramework instead of a fat binary framework. This comes with many benefits:

- One framework file will work with Xcode 11.0 - Xcode 12.4+ [CSD-14243]
- Your build can be pushed to TestFlight by default, no need to strip out simulator architectures [CSD-14159]
- The “Validate Workspace = YES” build setting is no longer necessary
- The User Defined Setting “LD\_VERIFY\_BITCODE” is no longer necessary (for those who had previously experienced Bitcode Generation Errors)

If you would like a framework built for Xcode 10.2, please send a request to [helpdesk@deque.com](mailto:helpdesk@deque.com) or talk to your Deque representative. This will be the last version to support Xcode 10.2.

### axe DevTools Mobile Dashboard

- Added link to account page, so users can change their own password

## Bug Fixes

### axe DevTools Mobile for iOS

- Removed false positives in the Color Contrast rule [CSD-14082, CSD-14347]  
\*Note: since the Color Contrast rule runs on the server for iOS, desktop app users must update to v0.20.0 to see this fix
- Fixed an authentication error that occurred if a user's password had special characters in it
- One Obj-C header file (Attest/Attest-Swift.h) will now work with all versions of Xcode
- Additional error handling was added to prevent the framework from crashing
- Removed false positive in the Supports Dynamic Type rule for UIFontMetrics [CSD-14216]
- Prevent crash in SaveResult by saving to the user's home directory instead of DerivedData [CSD-15127]

### axe DevTools Mobile for Android Library

- Removed false positives in the Color Contrast rule [CSD-14082, CSD-14347]
- Ensure that the FAB does not get attached multiple times during startTesting method [CSD-14844]
- Improve library compatibility with signed builds

### axe for Android App

- Removed false positives in the Color Contrast rule [CSD-14082, CSD-14347]

## Known Issues

### axe DevTools Mobile Desktop App

- Fails to connect to database if using Java 14+, you must continue to use an earlier version of java for the Desktop app

### axe DevTools Mobile for iOS

- iOS apps using SwiftUI have reduced issue detection
- Custom Rule API is not exposed to Objective C
- On machines running macOS 11.2.3, the Floating Action Button can become stuck while in landscape mode on simulators running versions of iOS earlier than 13 (We have reported this bug to Apple)

## Hybrid Platforms

- Rules do not run on WebViews or rendered PDFs for both iOS and Android. For both, we suggest using axe DevTools for HTML.
- The Android and iOS environments are not compatible with platforms that don't render native views such as Flutter and Cordova