

axe DevTools Mobile Release Notes

Aug 31, 2022

Component Versions

- axe-devtools-android v2.2.0
- axe DevTools Mobile desktop app v0.25.2

New Features

axe DevTools Mobile Dashboard and Desktop App

Updated Look and Feel

The axe DevTools Mobile dashboard and desktop app have received some quality of life updates. You'll see subtle changes to some parts of the user interface, such as tags now having a dark background with light text, but functionality remains the same.

axe DevTools Mobile for Android

- [Custom rule](#) support is now available for Compose
- A new [disconnect method](#) can be used to reset network connection

Bug Fixes

axe DevTools Mobile for Android

- Screen Title rule will no longer fail when activity title without fragments is null
- If authentication fails, the Floating Action Button will not be displayed and an error message will be printed to the console.
- Retrofit Moshi converter is updated to 2.9.0 to patch security vulnerabilities [#18273]

axe DevTools Mobile Dashboard and Desktop App

- Topbar user menu focus indicator color contrast has been increased
- All page content is now contained within landmarks
- Scroll bar on table no longer gets hidden behind the header
- Color contrast increased for warning text in share modal
- The “More announcements” button in the banner is no longer a heading

- `<html>` element now specifies language
- Form field border contrast has been increased
- The list of tags on the scan summary page uses semantic markup
- The operating system and scan name are now marked as a combined heading on the scan summary page
- Fixed a bug where the “view issues” button on the “axe Clean” card on the scan summary page didn’t include all issues for Android scans

Known Issues

- axe DevTools Mobile only runs on native iOS and Android views, hybrid platforms such as Cordova, Xamarin and Flutter are not supported.
- Rules will not run in web views or rendered PDFs. For testing against HTML content, please utilize axe DevTools HTML.

axe DevTools Mobile Dashboard

- The table of scans height is no longer adjustable. This will be fixed in a future release. The width of the table still remains adjustable.

axe DevTools Mobile Desktop App

- Unable to connect to the database on Java 14+, please continue to use an earlier version of Java.
- The table of scans height is no longer adjustable. This will be fixed in a future release. The width of the table still remains adjustable.

axe DevTools Mobile for iOS

axeDevToolsUIKit.xcframework

- Banner style views report `InScrollView` issues, use the ignore rule feature to bypass this rule for known banner views that you know should not be within a scrollable view.
- Views built with SwiftUI cannot be tested using this framework, use the `axeDevToolsXCUI` framework in `UITesting` for SwiftUI views
- Custom rule support is available only in Swift, the custom rule API is not open to Objective-C.

axeDevToolsXCUI.xcframework (SwiftUI framework)

- SwiftUI Picker scans may get stuck on simulators or a device running iOS versions lower than 15.0.

- A11yElementFocusBox may show false positives with views partially off-screen, this will be addressed in a later version
- The "Visible to User" filter may not work on views behind custom-built modals, help make this filter more robust by providing an example snippet of how the modal is implemented helpdesk@deque.com
- Landscape orientation is not formally supported at this time, this will be addressed in a later version
- Banner style views report InScrollView issues, use the ignore rule feature to bypass this rule for known banner views that you know should not be within a scrollable view

axe DevTools Mobile for Android

- A build with r8 enabled may attempt to minify the axeDevTools library resulting in an error similar to:
Caused by: java.lang.NullPointerException: throw with null exception
at g.b.b.a\$a.a(Unknown Source:1)
at g.b.b.a\$a.a(Unknown Source:0)
at g.b.b.a.a(AccessToken.java:190)
To resolve this error add the following line to your proguard file to keep axeDevTools classes: `keep class com.deque.** { *; }`
- If you encounter an error along the lines of `Expected exactly '1' node but found '2' nodes that satisfy: (isRoot)`, please contact us at helpdesk@deque.com for assistance. Under certain conditions, there may be two Compose root nodes existing at the same time.