

# axe DevTools Mobile Release Notes

March 2, 2022

## Component Versions

- axe-devtools-android v1.3.0
- axe DevTools Mobile desktop app v0.24.3

## New Features

### axe DevTools Mobile for Android Library

#### Compose Support

This release of axe DevTools Mobile includes the ability to test the accessibility of Android applications built with JetPack Compose. Available through Espresso testing, the Compose capabilities are packaged into the same axe-devtools-android library you are already using. Note that scans initiated using the Floating Action Button will not run rules on Compose views. See the [getting started guide](#) for instructions on how to run accessibility scans on screens that use Compose.

#### New Compose Rules:

- ComposeIconButtonName
- ComposeInactiveAccessibleView
- ComposeLabelInName
- ComposeTextButtonName
- ComposeTextFieldLabelInName
- ComposeTextFieldName

These rules cover WCAG success criteria that are already tested by existing Android rules. For now, some of the new rules are documented on the remediation help page of the existing rule that covers the same criterion. ComposeTextButtonName, ComposeIconButtonName, ComposeInactiveAccessibleView are on the [Active View Name page](#). ComposeLabelInName and ComposeTextFieldLabelInName are on the [Label In Name page](#). ComposeTextFieldName is on the [Text Field Label page](#).

## Bug Fixes

### axe DevTools Mobile for Android Library

- Remove IC Launcher Image from Library [CSD-18149]
- Prevent errors with decimal numbers when switching languages [CSD-19145]

### axe DevTools Mobile Dashboard and Desktop App

- Remove the warning about Compose views not being tested

## 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.
- The Ignore Rules feature does not work for the Color Contrast rule because this rule gets run on the server for all scans that don't have Color Contrast results. This will be resolved in a future release.

### 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

#### Attest (UIKit framework)

- Banner items report requiring InScrollView.
- If your app contains SwiftUI -- test these views with the axeDevToolsXCUI framework supported in UITests.
- The Custom Rule API is not exposed to Objective C.
- You may experience an issue with the FAB's defaultAttachmentStrategy on iOS 12 simulator or device. If this occurs, please use FABWindowStrategy.attach

#### axeDevToolsXCUI (SwiftUI framework)

- The framework may get stuck scanning a Swift UI Picker on any simulator or device running anything earlier than iOS 15.0.
- A11yElementFocusBox may throw false positives with views partially off-screen.
- The "Visible to User" filter may not work on views behind custom-made modals.

- Landscape orientation is not formally supported at this time.
- Banner items report requiring InScrollView.