

axe DevTools Mobile Release Notes

August 4, 2021

Component Versions

- Attest-iOS v2.9.3
- axe-android v1.1.1
- attest-android v0.11.4
- attest-result v1.2.0
- axe DevTools Mobile Desktop App v0.21.0

New Features

axe DevTools Mobile Dashboard

As of Wed 8/4/21, the dashboard is available at a new URL: axe-mobile.deque.com

Deque Single Sign On(SSO)

axe DevTools Mobile will now use the Central Deque SSO that's used by other products such as:

- Deque University
- axe DevTools HTML
- axe Monitor
- axe Reports

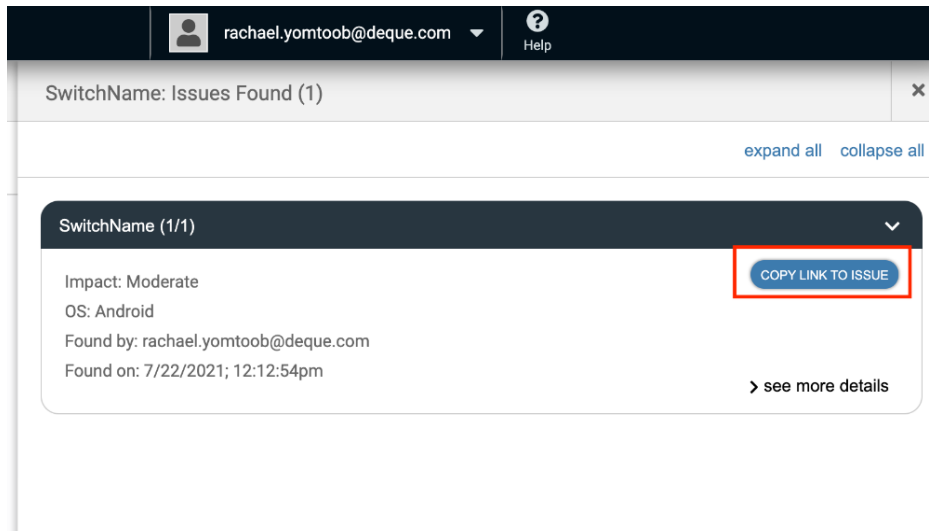
Users will receive an email with instructions on how to sign in based on whether or not they already have an account in the Central Deque SSO. Users' current data will be migrated to their new accounts, but it will remain backwards compatible with the axe DevTools iOS Framework and Android Library. This means you can continue using your old credentials to run scans from iOS or Android then see them in the Dashboard using your new credentials. Upgrading to all the latest versions in this release is encouraged because it allows authentication with the new SSO credentials, but it is not immediately required.

Read-Only Users

A new licensing option is now available called a read-only seat that provides users secure access to view accessibility issues. This is a great new option for large teams where it doesn't make sense financially to give every developer a full license. Contact

your Deque representative to discuss purchasing and enabling this feature. The new feature allows your team members to self sign up with an account that only has access to view individual issues. The steps for creating a read-only account is as follows:

1. Navigate to the issue that you'd like to share with a new user and click to 'Copy Link to Issue' button



2. Send that link to the new user by any method you'd like such as adding it to a development ticket. The link should look something like this:
"https://axe-mobile.deque.com/?userId=1a2b345c-6de7-8f9a-12b4-1234c6712d45&packageName=com.deque.exampleapp&resultId=17acefe477c&issue=2&group_id=1a2b345c-6de7-8f9a-12b4-1234c6712d45"

- Once the new user clicks that link, they will be directed to the Deque sign-on page. Once there, they should click the “sign up with Deque” link.

deque

Sign up/Sign in

CONTINUE WITH GOOGLE

CONTINUE WITH GITHUB

Sign in with your Deque account

Username or email

Remember me

NEXT

sign up with Deque

forgot your password?

privacy policy · deque home

- They will then be presented with a sign-up form to create their account

DevTools Sign in

WELCOME PLANS

Sign up - Create Your Deque Account

Use the form below to create your Deque account. You could also use your [google](#) or [github](#) account to sign up instead.

Account Details

First name Required Last name Required

Business email Required

Company name Required

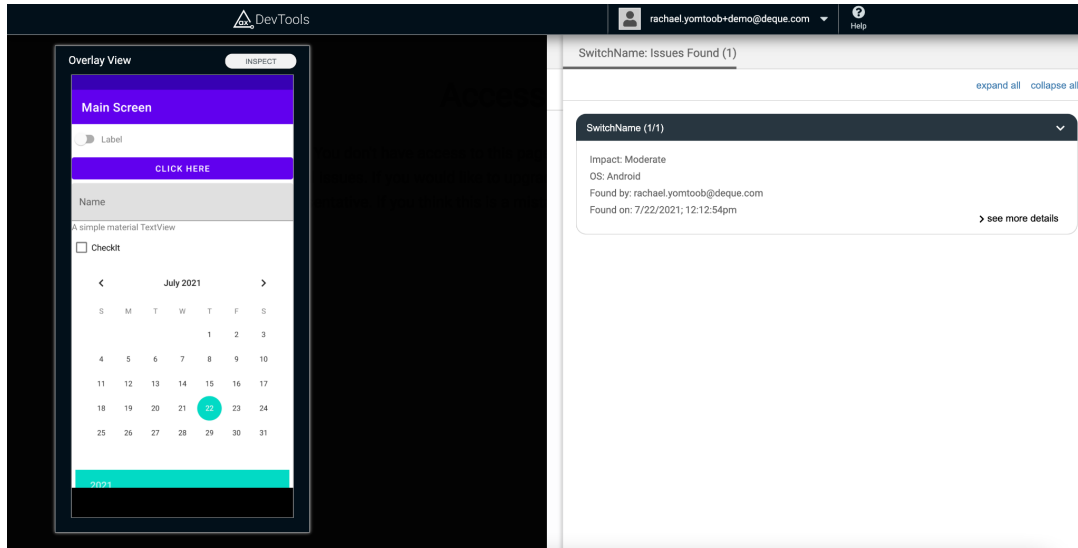
Password Required

Confirm password Required

CREATE CANCEL

- Once the account has been created, they will receive an email with a link to verify their account

6. Once their account is verified, it will redirect them back to the sign-on form for axe DevTools Mobile
7. Signing in with their new account will grant them access to see the individual issue that you shared with them



Read-only accounts only have access to individual issues. They can drill into more details about that issue and Inspect the view hierarchy, but they cannot navigate anywhere else within the axe DevTools Mobile Dashboard.

When the Read Only feature is enabled, a list of valid email domains must be provided. Only users whose email addresses are part of the list of email domains are allowed read-only access to a scan. For example, if the provided domain is 'deque.com', the only email addresses that will be registered are in the format of 'joe@deque.com'

axe DevTools Mobile Desktop App

Rebranding

The rebranded axe DevTools Mobile Desktop App is complete with this release. This includes adding the new logo as well as changing the name of the file in Deque's Artifactory. The new name follows this structure:

axeDevToolsMobileDesktopApp-{macOS or WIN}-0.21.0.{dmg or exe}

M1 Chip Support

The axe Devtools Mobile Desktop app now supports Apple machines that have an M1 chip. We have changed the name of the folder in Deque's Artifactory from OSX to

macOS to be more in line with Apple's current naming convention. Desktop app files in this new folder are compatible with Apple machines with and without the M1 chip.

Bug Fixes

axe DevTools Mobile for iOS

- Remove false positives in the InScrollView rule for Headers and Footers
- Remove false positives in the SupportsDynamicType rule for Headers and Footers
- Reduce false positives in the Color Contrast rule [CSD-14347] *Note: since the Color Contrast rule runs on the server for iOS, desktop app users must update to v0.21.0 to take this fix
- Remove visible text from the FAB in automated testing mode
- Expose FABWindowStrategy.attach to Objective C

axe DevTools Mobile for Android Library

- Reduce false positives in the Color Contrast rule [CSD-14347]
- Fix false positives in the ActiveViewName rule for labeled buttons and components with hint test
- Remove false positives caused by widgets that's text property defaults to an empty string
- Make FindBugs a transient dependency, so workarounds for it are no longer required

axe DevTools Mobile Dashboard

- Fix link sharing for scans that aren't tagged

Deprecated Features

axe DevTools Mobile Dashboard

- The MIButton rule for Android has been deprecated. New and improved machine learning rules are on the way. Existing MIButton issues will still remain, but no new issues will be detected.

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 built with SwiftUI have reduced issue detection. We will address this in a future release.
- The 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)
- You may experience an issue with the FAB's defaultAttachmentStrategy on iOS 12 simulator or device. If this occurs, please use FABWindowStrategy.attach

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