AppAuth

Open source authentication and authorization client library

Supports:

RFC6749 (OAuth 2.0)

draft-ietf-oauth-native-apps (OAuth 2.0 for Native Apps)

RFC7592 (OAuth 2.0 Dynamic Client Registration)

draft-ietf-oauth-discovery (Authorization Server Metadata)

OpenID Connect

AppAuth

iOS, macOS:

https://github.com/openid/AppAuth-iOS
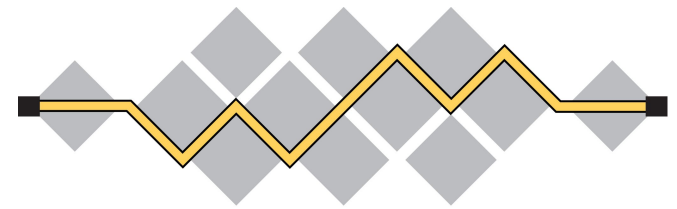
Android:

https://github.com/openid/AppAuth-Android

OpenID Foundation

The OpenID Foundation hosts free Relying Party test infrastructure for conformance testing.

http://openid.net/certification/rp_testing/

IETF98 Hackathon Goals
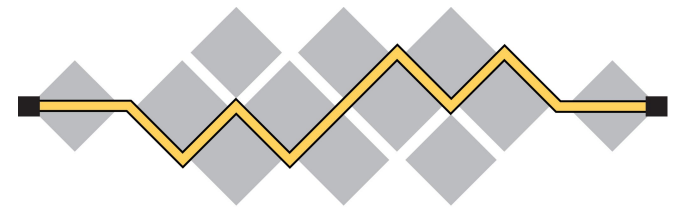
Primary Goal: Run conformance tests, fix conformance issues.

Stretch Goal 1: Create an automated test suite that can run the conformance tests anytime.

Stretch Goal 2: Submit conformance results for certification.

Hackathon Achievements

Implemented JWT (RFC7519) ID Token parsing.

Passing 'code' conformance tests.

Passing 'dynamic' and 'configuration' tests (except WebFinger [RFC7033] requirements).

Test harness created for automated test suite.

TODO: Complete the automated test suite using the harness with all relevant RP tests & submit results.