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Authentication in Angular

Mark A. Wilson
Senior Developer
MarkW@LogicalAdvantage.com

www.DeveloperInfra.com
@DeveloperInfra

Mark A. Wilson

www.developerinfra.com

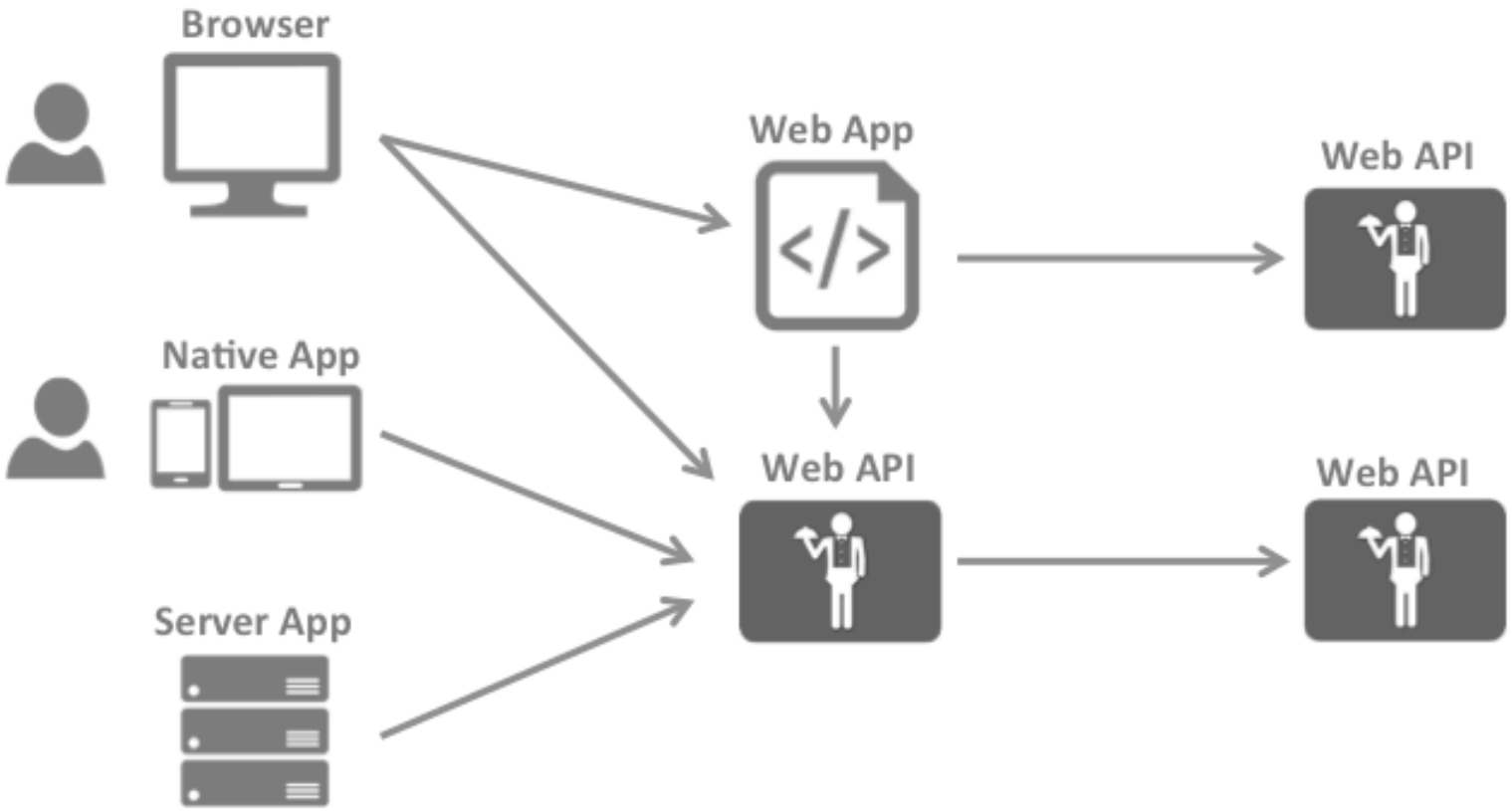
@DeveloperInfra

Logical Advantage

www.logicaladvantage.com

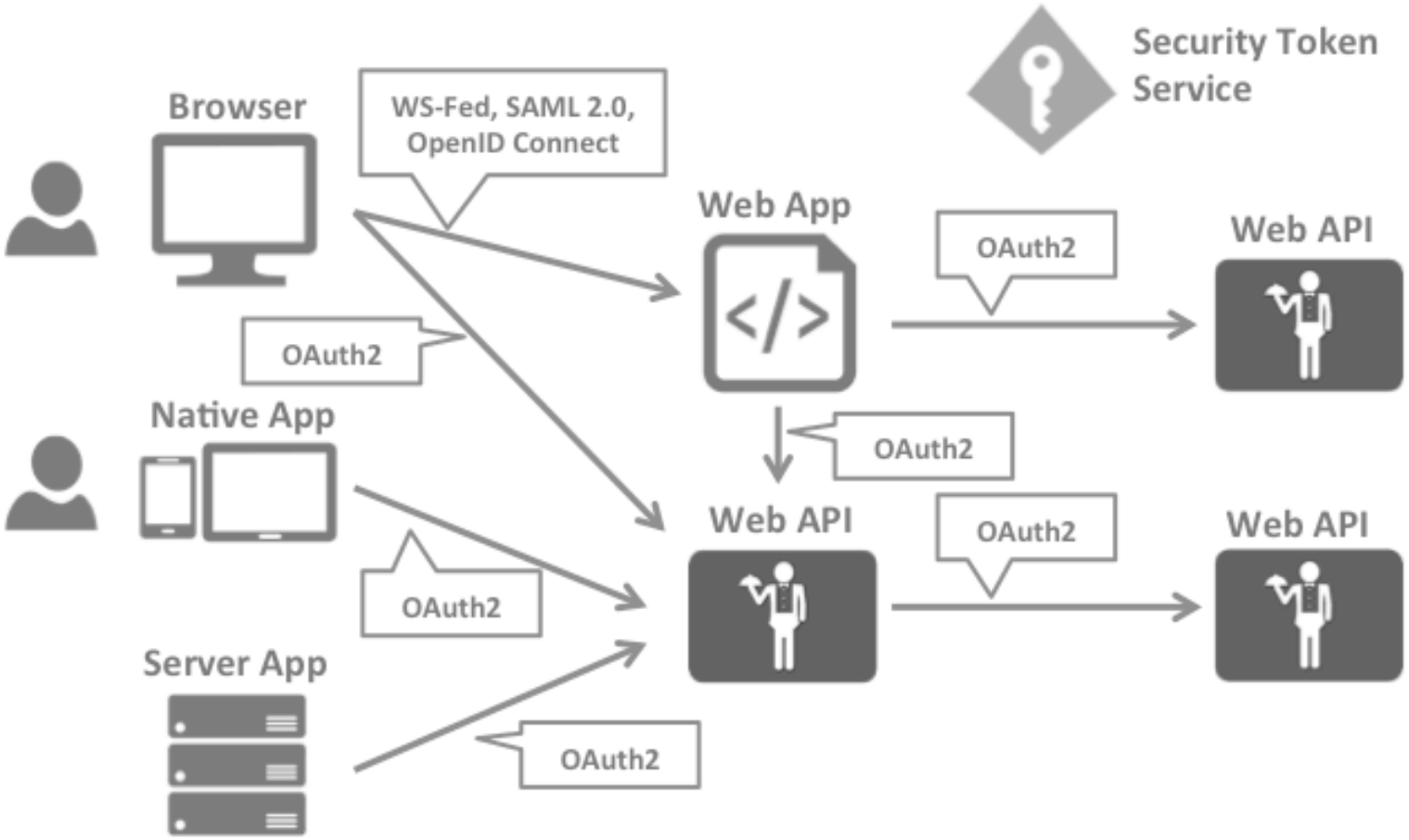
Modern Applications

The Big Picture



- https://identityserver.github.io/Documentation/docsv2/overview/bigPicture.html

Security Protocols



- https://identityserver.github.io/Documentation/docsv2/overview/bigPicture.html

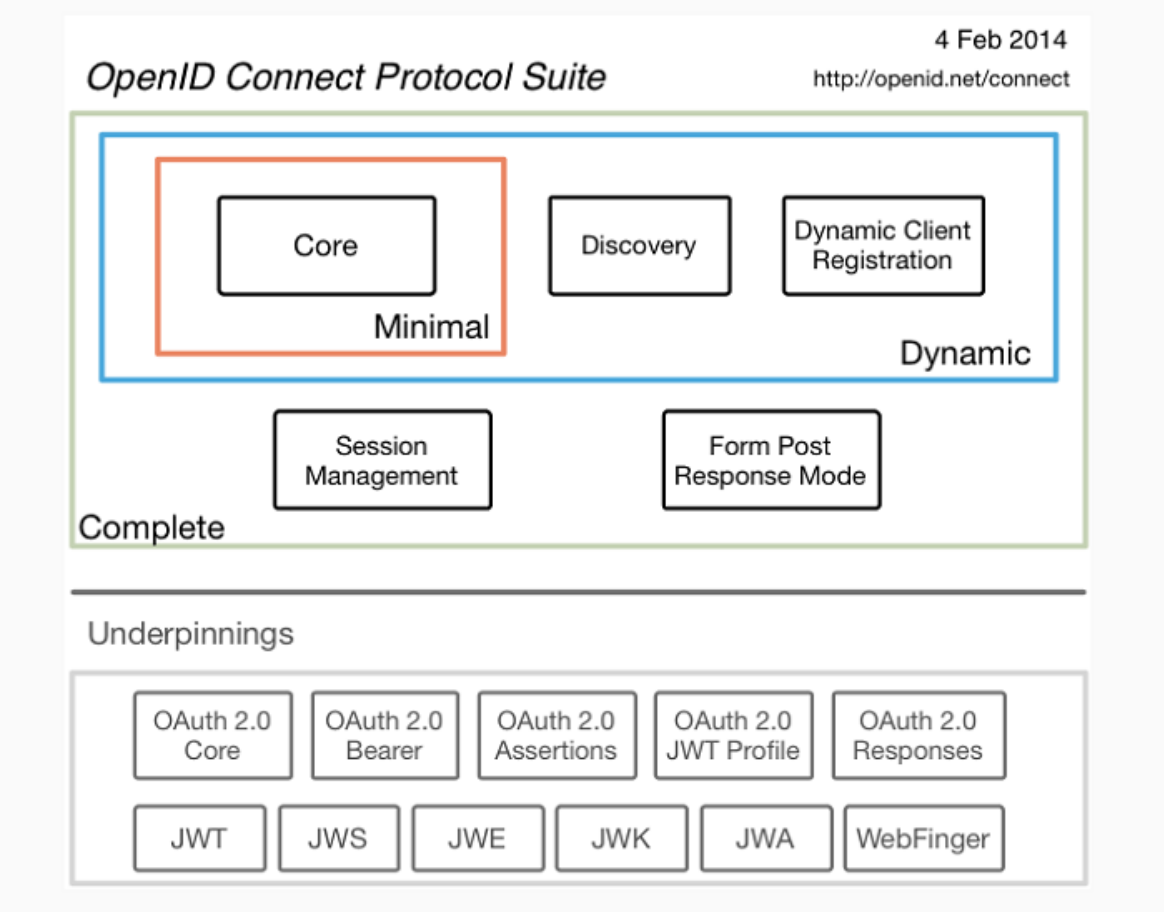
OpenID Connect

"OpenID Connect 1.0 is a simple identity layer on top of the OAuth 2.0 protocol."

- Defines identity tokens
- Defines standard token type
- Defines standard cryptography
- Defines validation procedures
- Defines flows for browser, native, and server-based apps
- Combines authentication with short/long-lived delegated API access

- http://openid.net/connect/

OpenID Connect



- http://openid.net/connect/

OpenID Connect

Authorize Endpoint

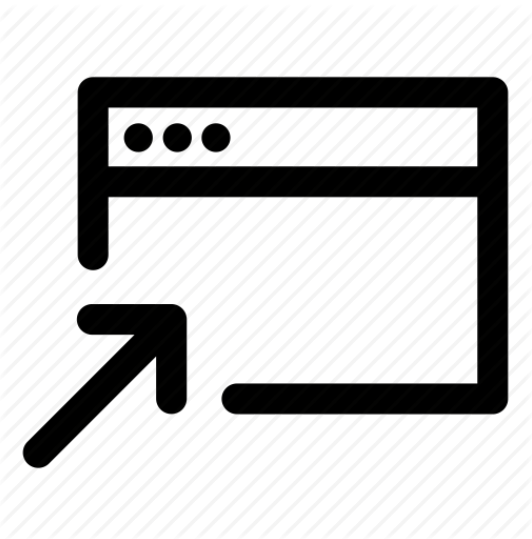
Token Endpoint

UserInfo Endpoint

Flows

Implicit Flow

(Browser-based)



Hybrid Flow

(Native/Mobile)

Client Credentials Flow

(Server-to-Server/IoT)

Implicit Flow

GET /authorize

?**client_id**=app1

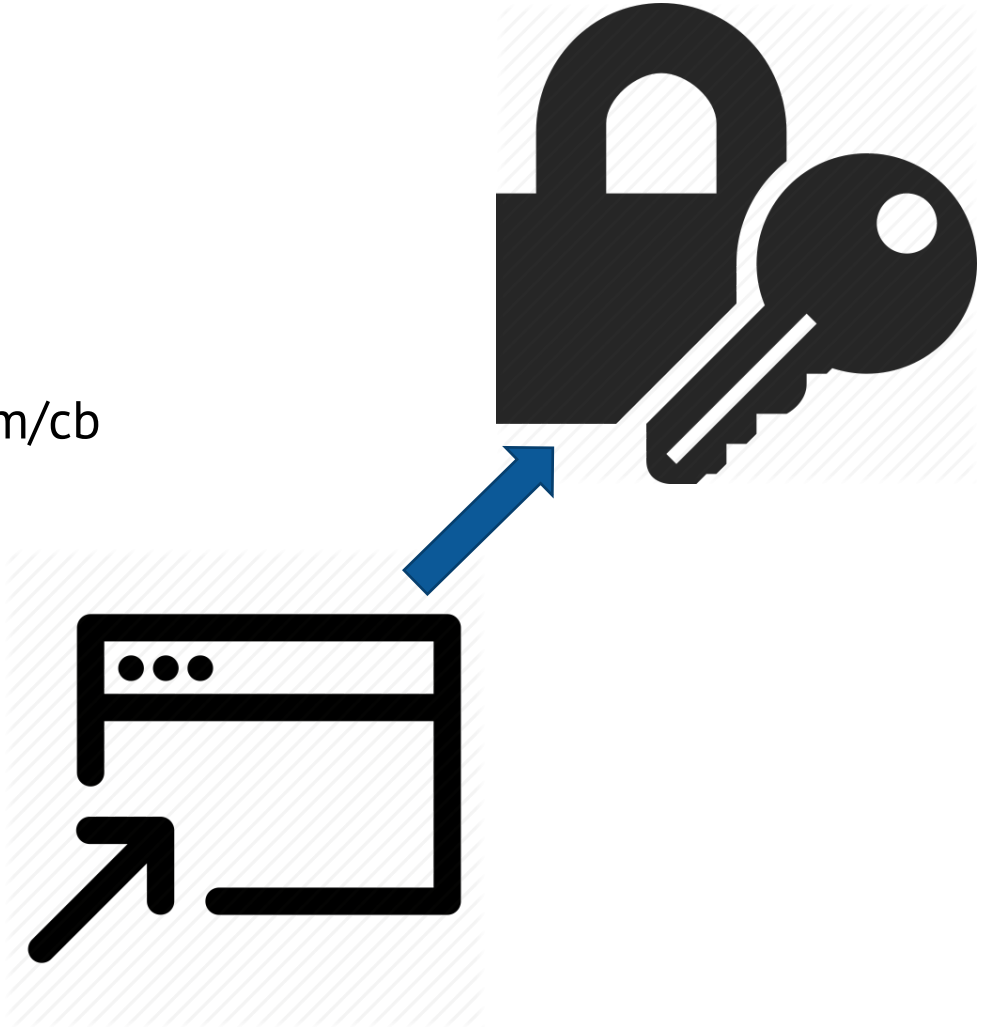
&**redirect_uri**=https://app.com/cb

&**response_type**=id_token

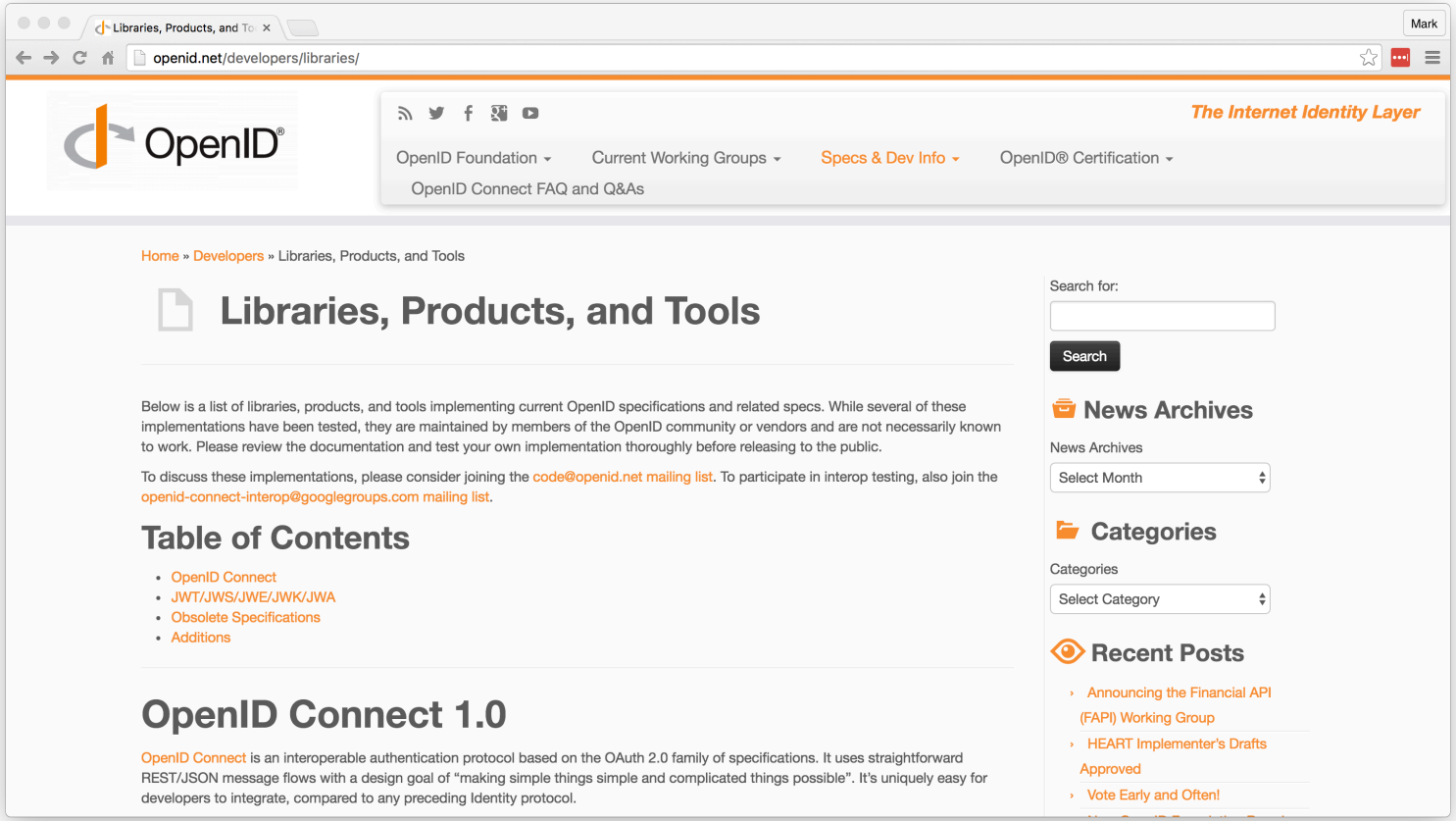
&**response_mode**=form_post

&**nonce**=a1b...x9z

&**scope**=openid email

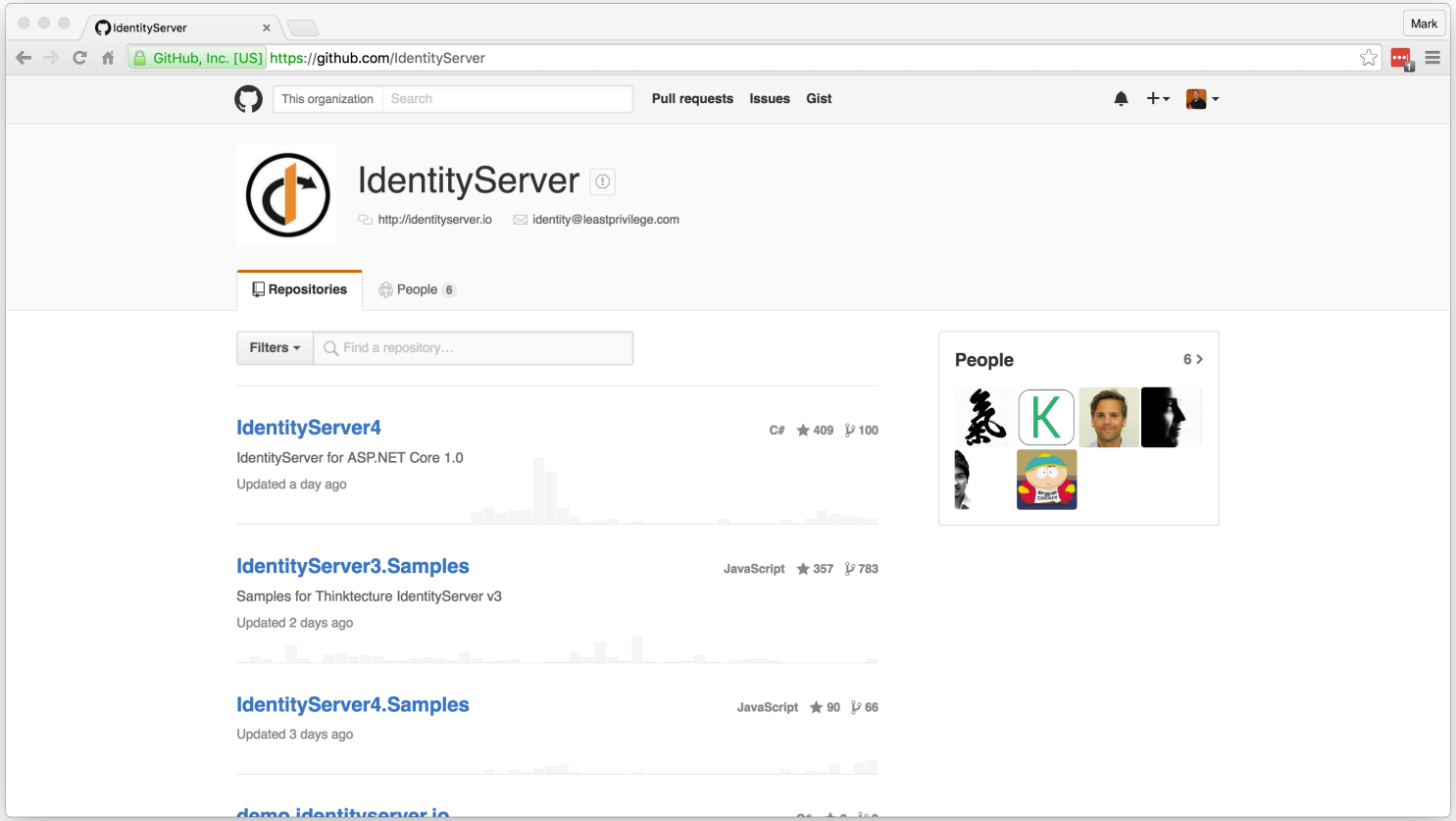


Getting Started



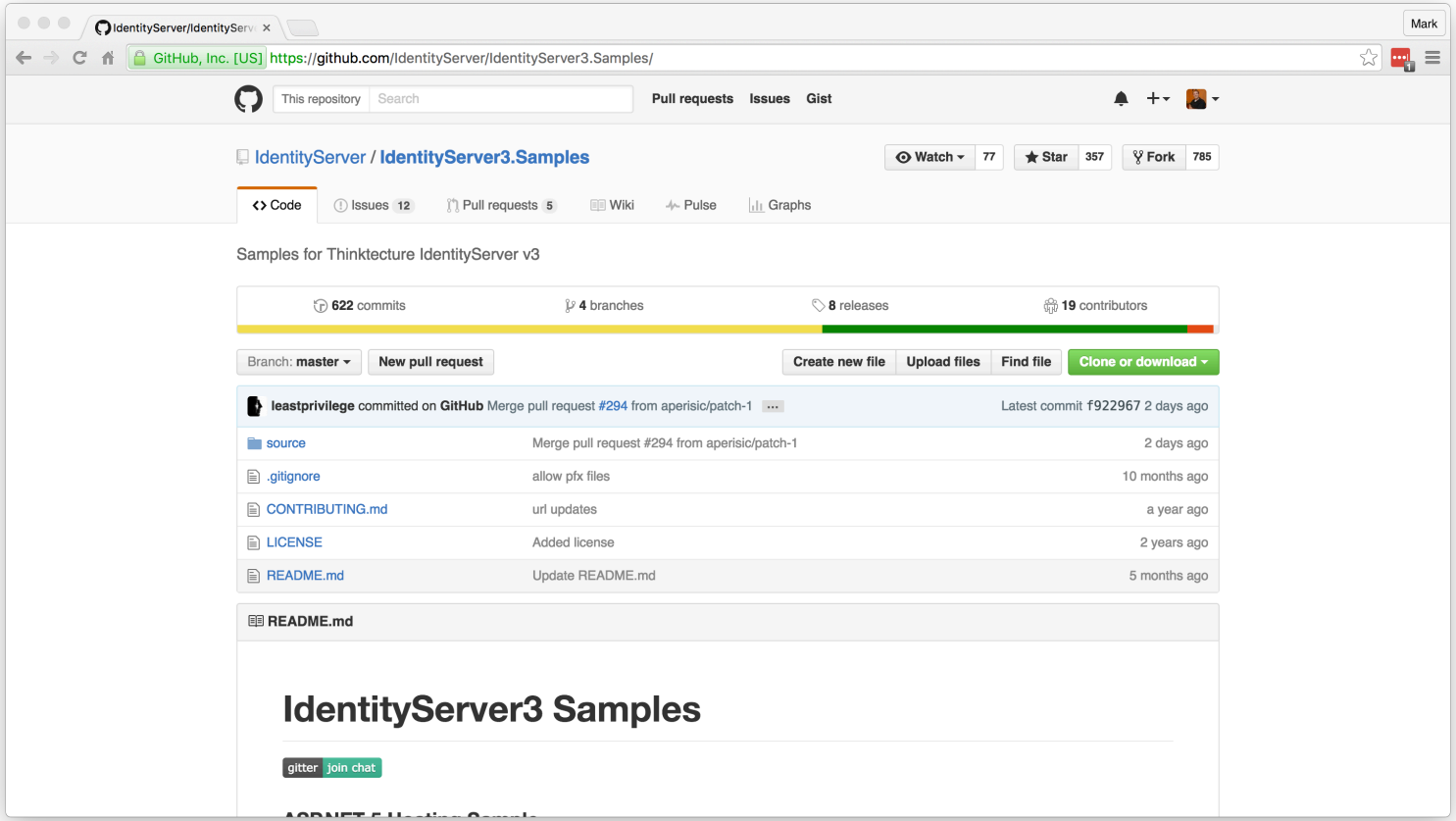
- http://openid.net/developers/libraries/

Getting Started



- https://github.com/IdentityServer

Getting Started



- https://github.com/IdentityServer/IdentityServer3.Samples/

Authentication in Angular

DEMO

Resources

- OpenID Connect: http://openid.net/connect/
- OpenID Connect Libraries: http://openid.net/developers/libraries/

- IdentityServer: https://github.com/IdentityServer
- IdentityServer Samples: https://github.com/IdentityServer/IdentityServer3.Samples/

- JSON Web Tokens: https://jwt.io/

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