

codestock

Authentication in Angular

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Modern Applications



This happened...

No SOAP

No SAML

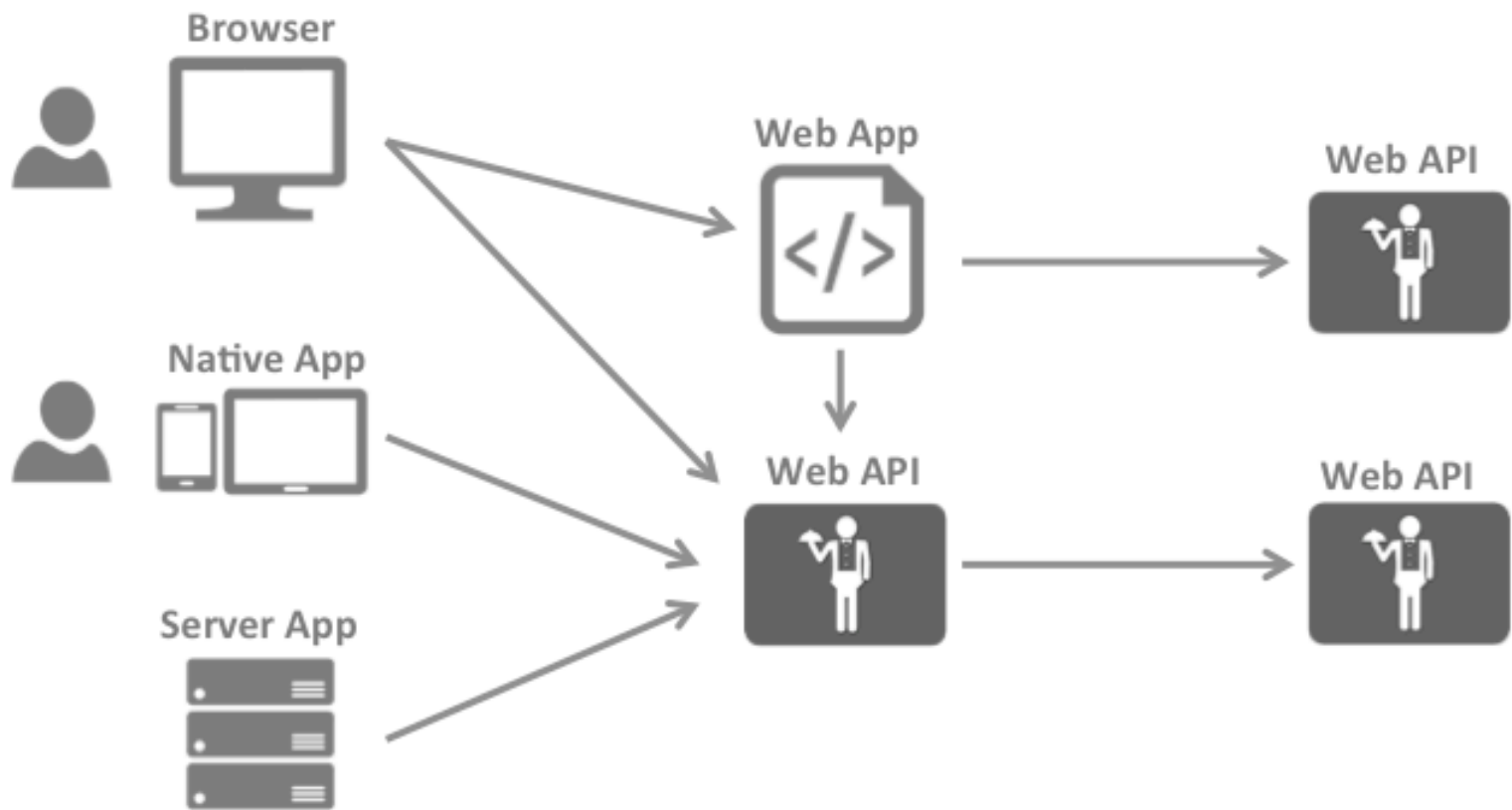
No WS*

No Windows

No Enterprise



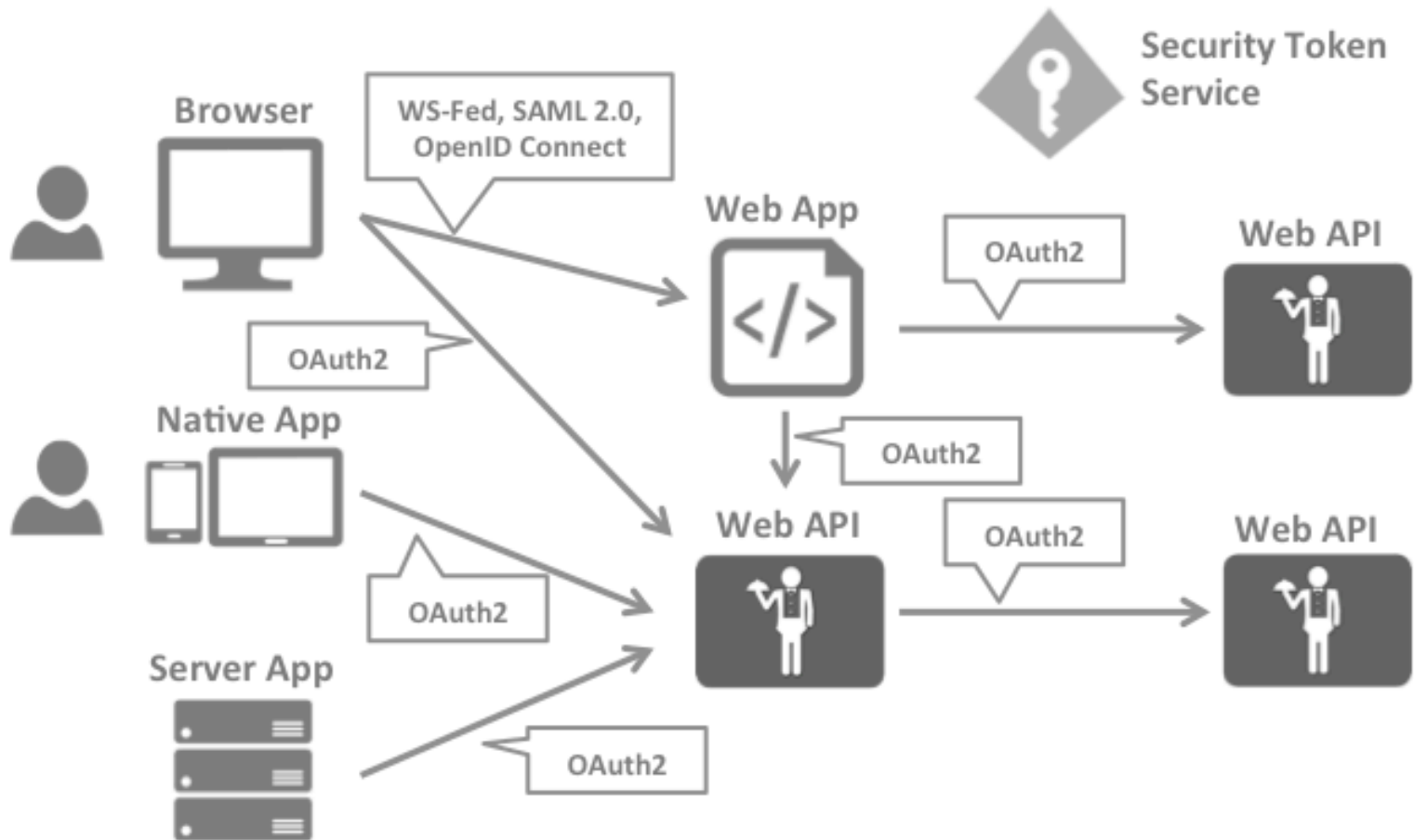
The Big Picture



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



Security Protocols



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



OpenID Connect

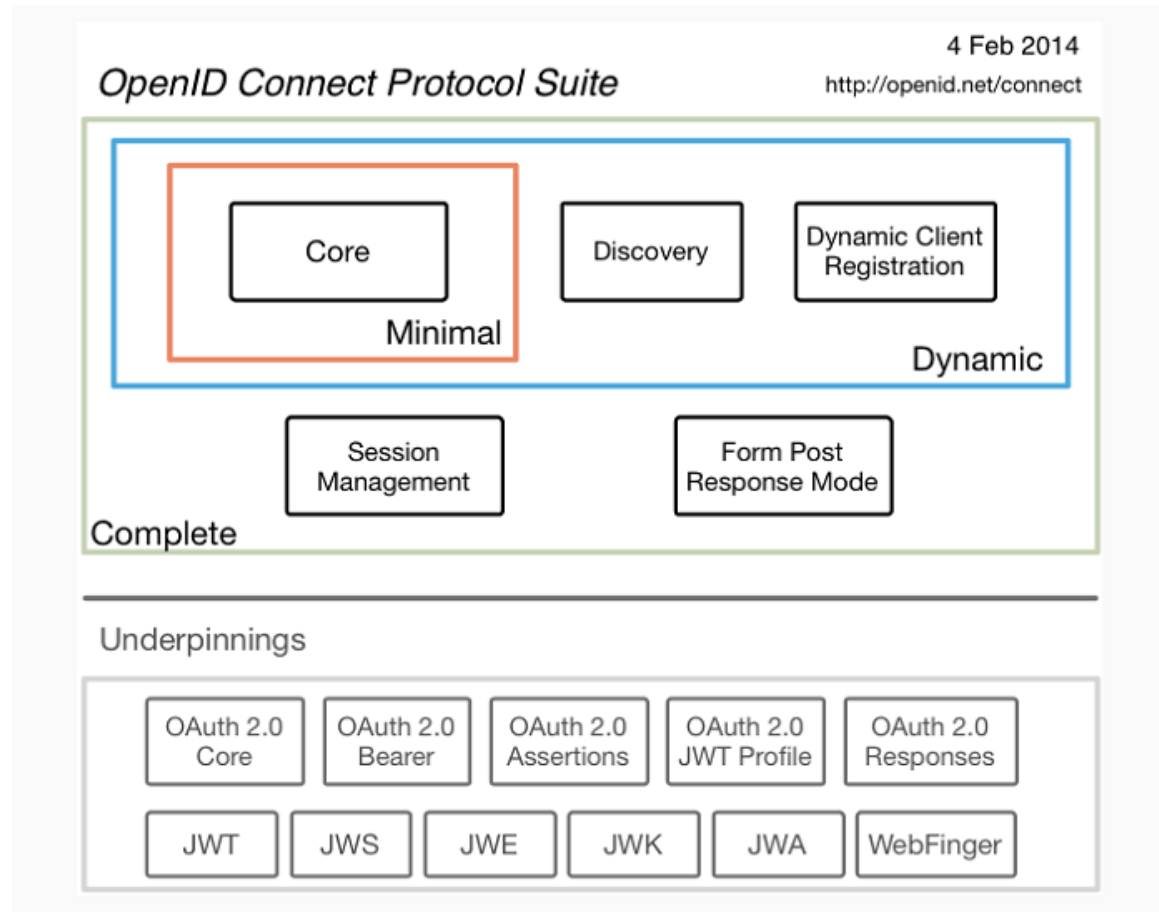


“OpenID Connect 1.0 is a simple identity layer on top of the OAuth 2.0 protocol.”

- 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



OpenID Connect



- <http://openid.net/connect/>



OpenID Connect

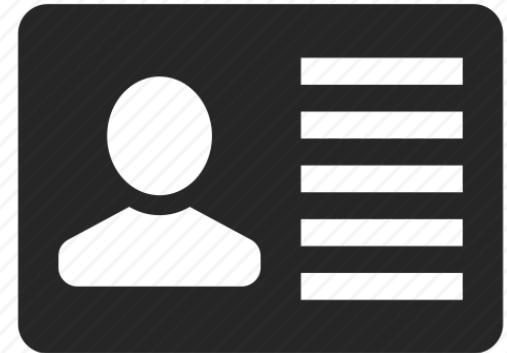
**Authorize
Endpoint**



**Token
Endpoint**



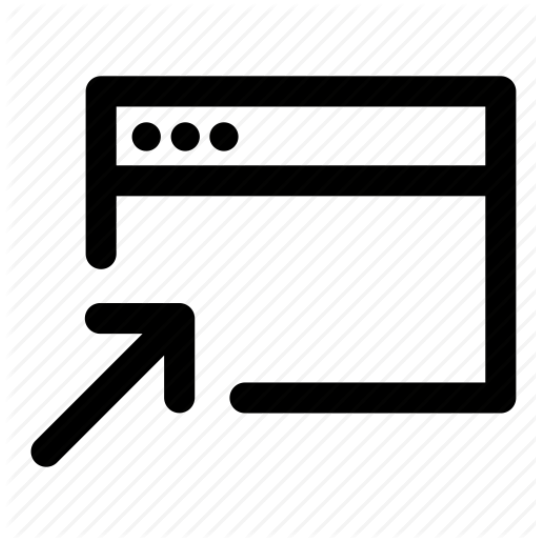
**UserInfo
Endpoint**



Flows

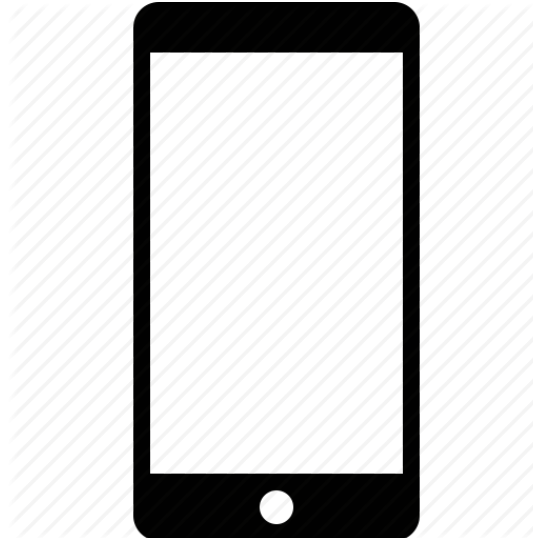
Implicit Flow

(Browser-based)



Hybrid Flow

(Native/Mobile)



Client Credentials Flow

(Server-to-Server/IoT)



Implicit Flow

GET /authorize

?**client_id**=app1

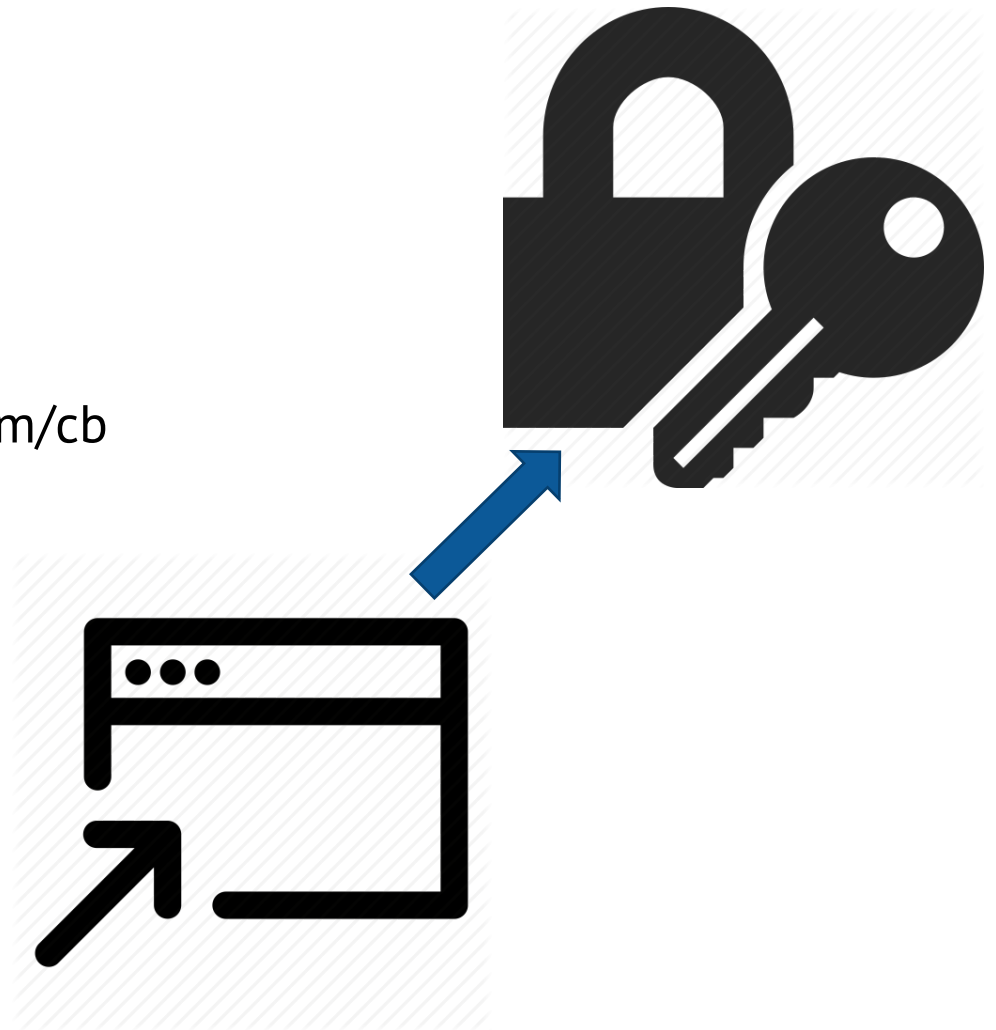
&**redirect_uri**=https://app.com/cb

&**response_type**=id_token

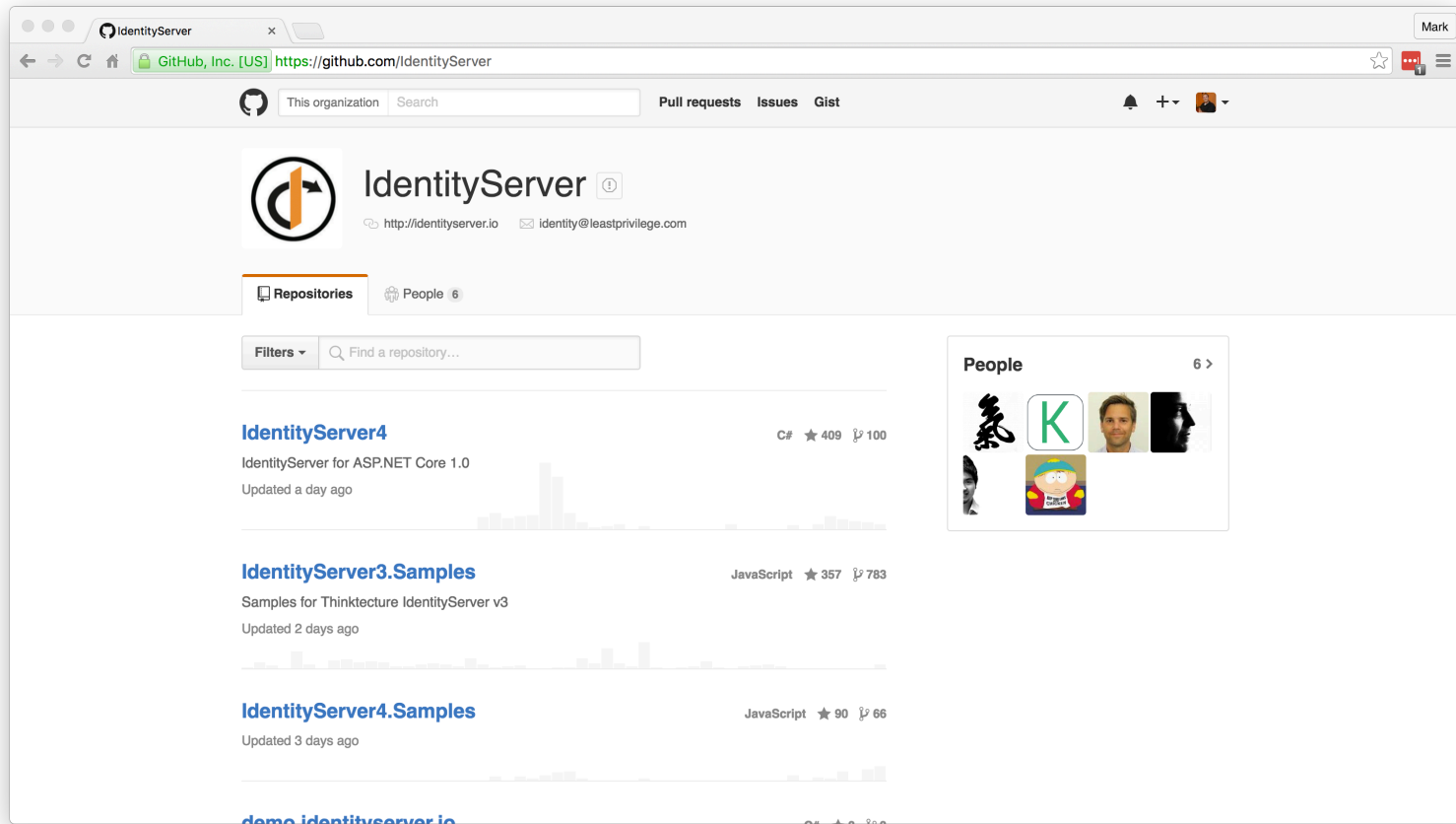
&**response_mode**=form_post

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

&**scope**=openid email



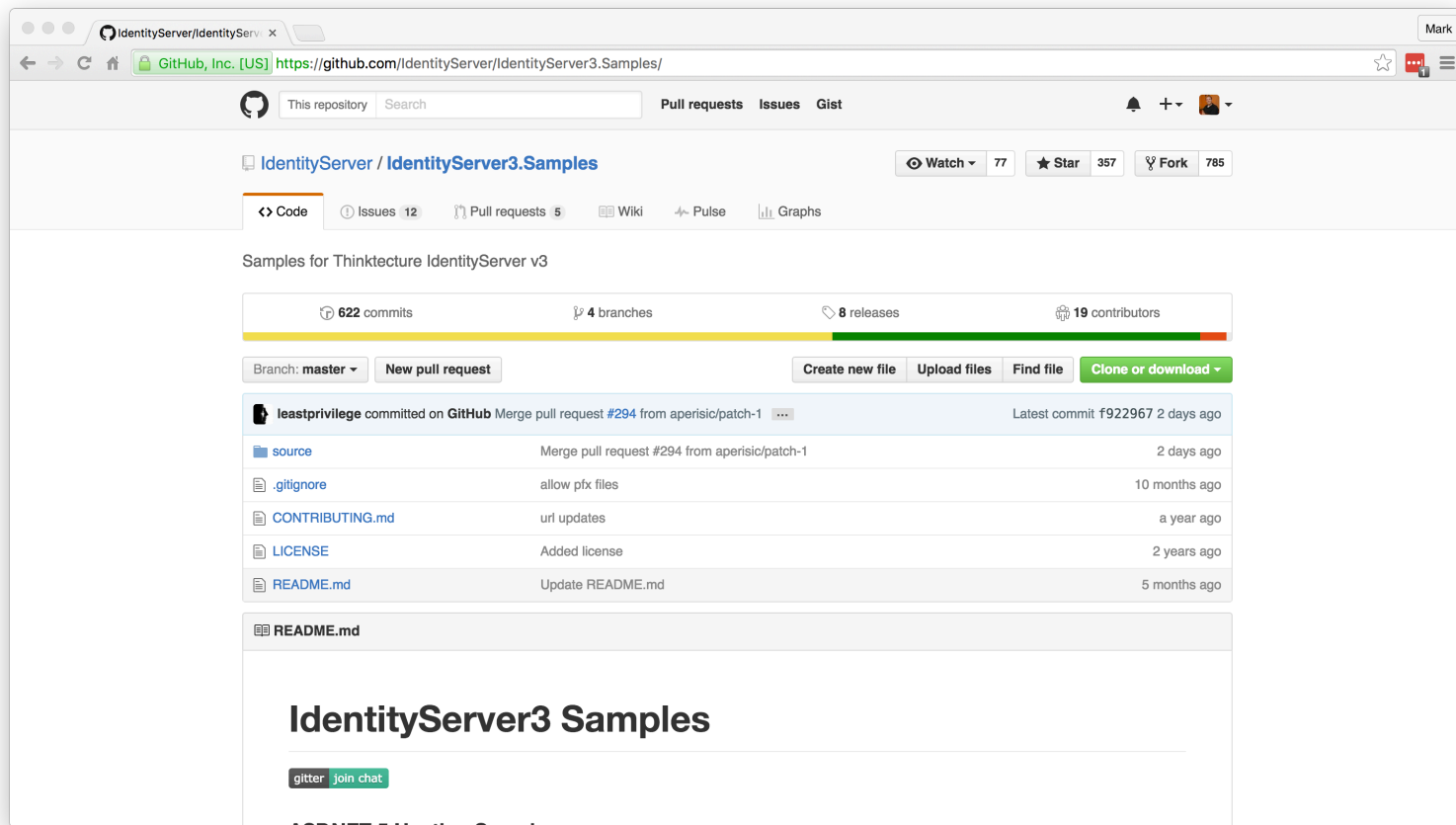
Getting Started



- <https://github.com/IdentityServer>



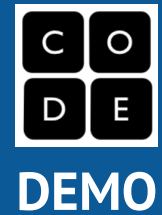
Getting Started



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



Authentication in Angular



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/>
- OAuth for ASP.NET:
<http://www.oauthforaspnet.com/>
- JSON Web Tokens: <https://jwt.io/>





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