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Authentication in Angular

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Logical Advantage

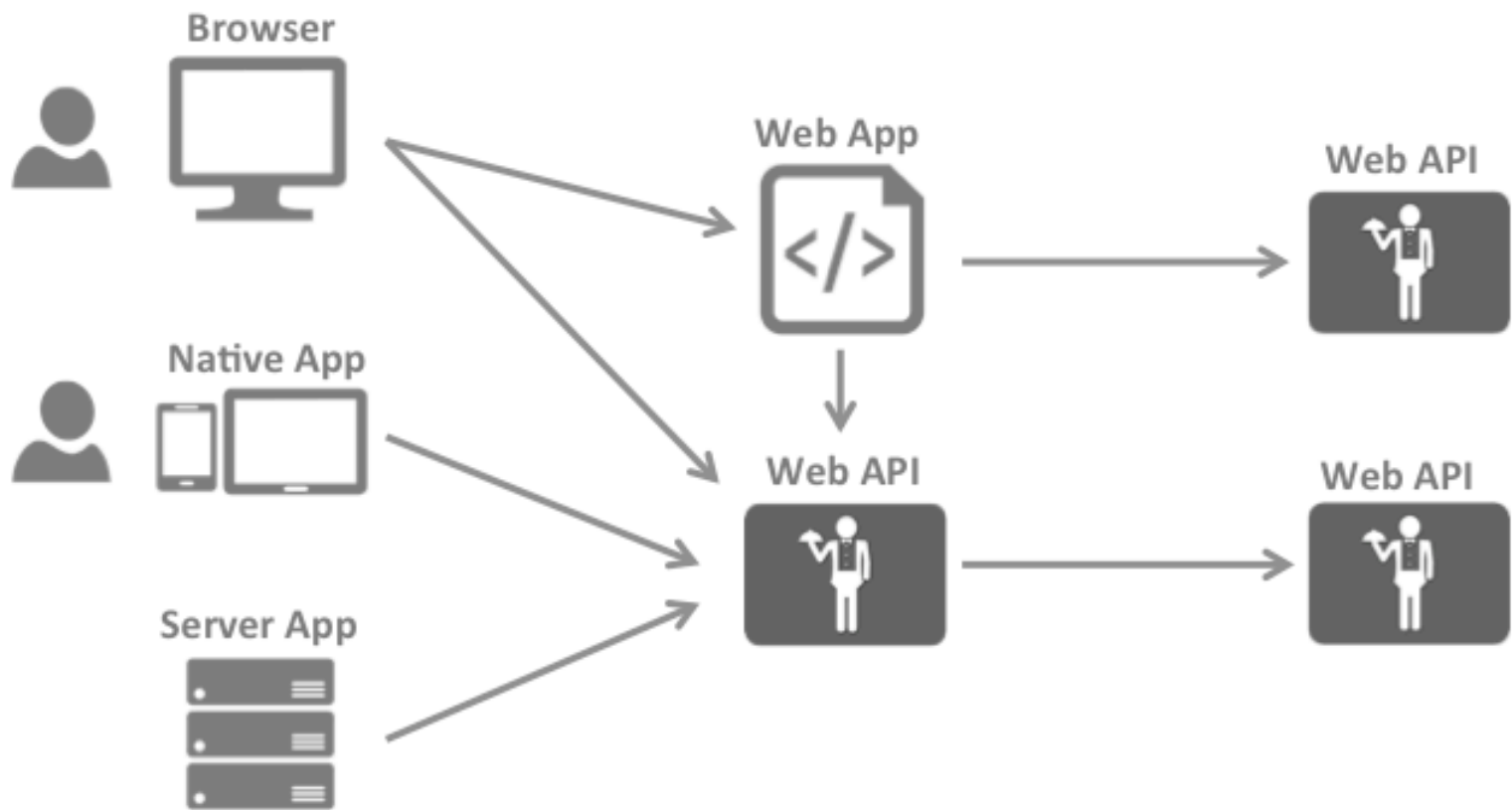
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Modern Applications



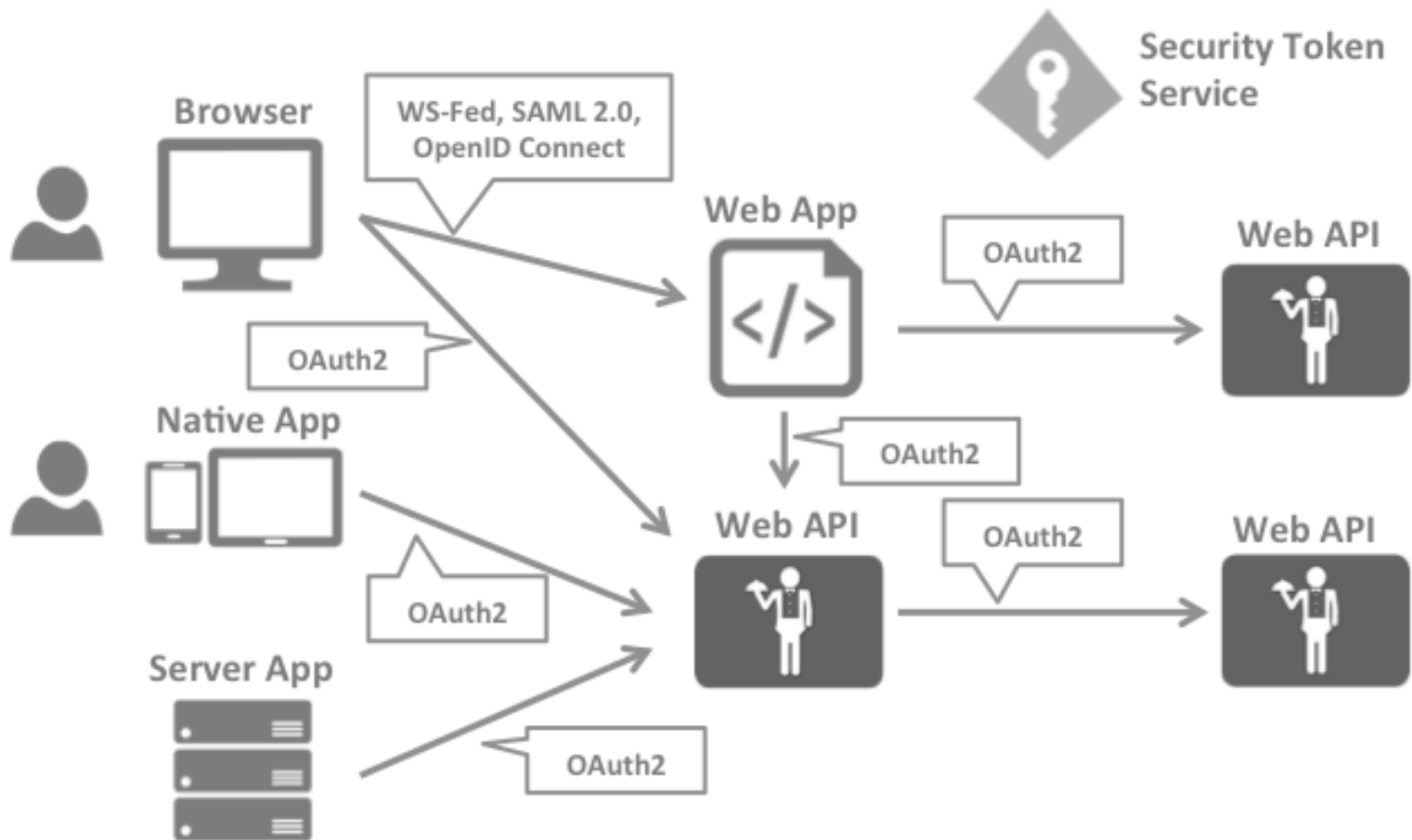
The Big Picture



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



Security Protocols



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



OpenID Connect

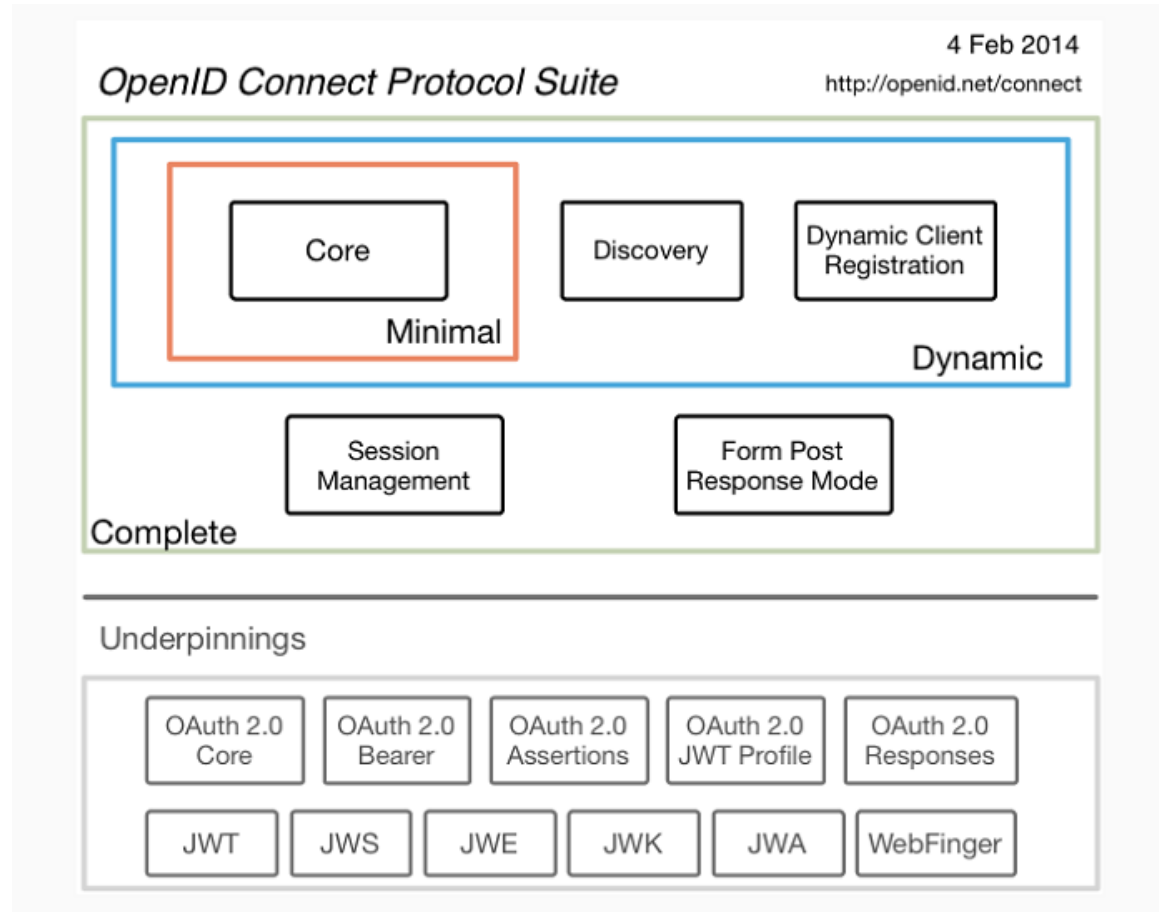


“OpenID Connect 1.0 is a simple identity layer on top of the OAuth 2.0 protocol.”

- 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



OpenID Connect



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



OpenID Connect

**Authorize
Endpoint**



**Token
Endpoint**



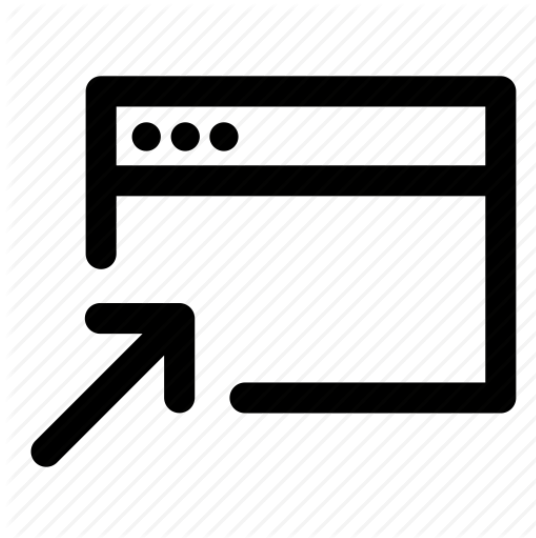
**UserInfo
Endpoint**



Flows

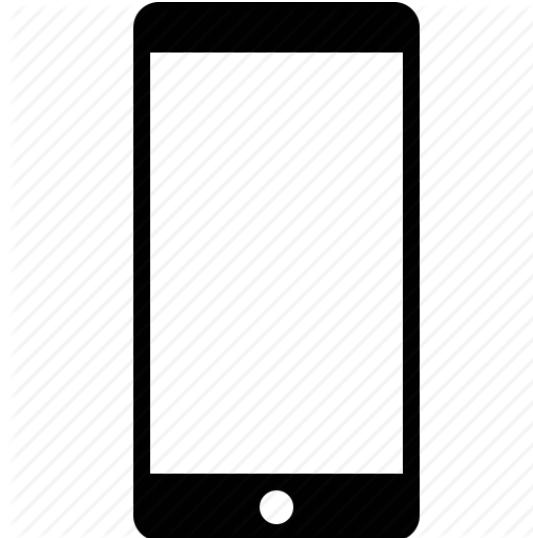
Implicit Flow

(Browser-based)



Hybrid Flow

(Native/Mobile)



Client Credentials Flow

(Server-to-Server/IoT)



Implicit Flow

GET /authorize

?**client_id**=app1

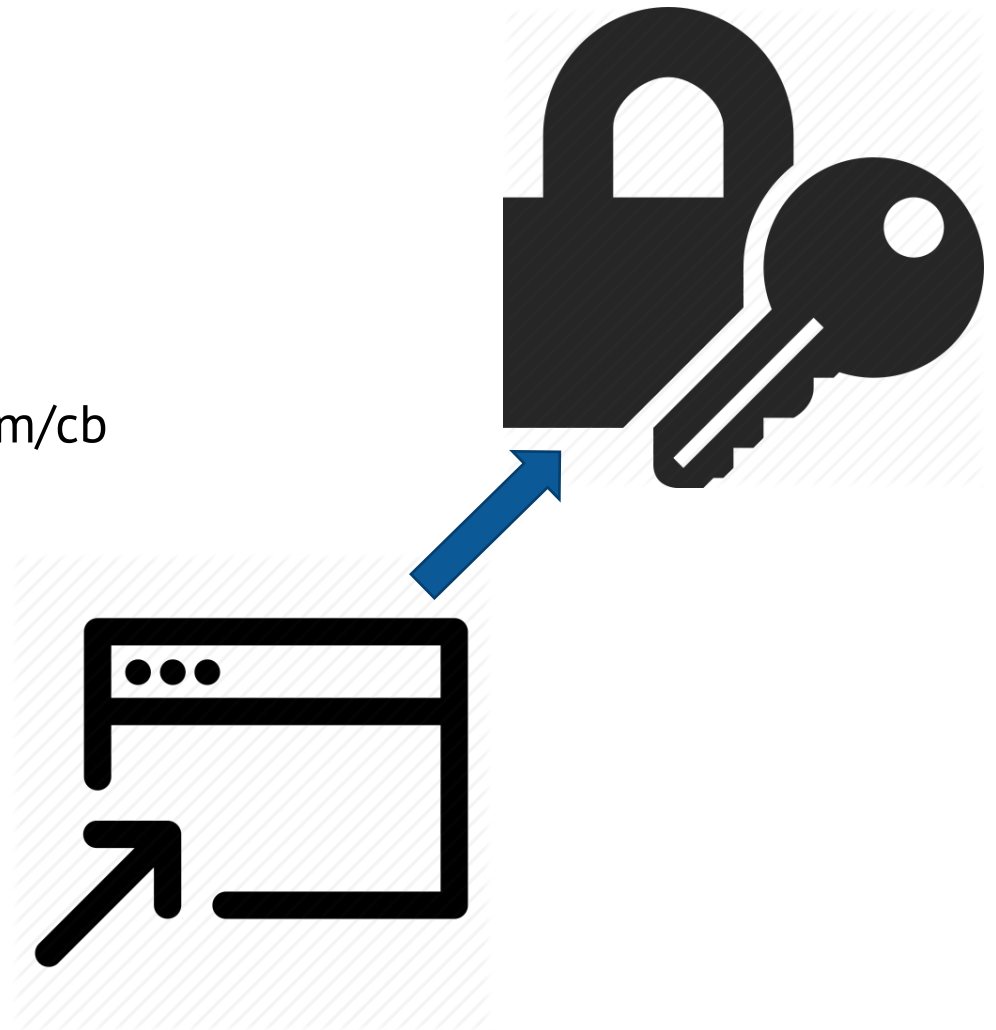
&**redirect_uri**=https://app.com/cb

&**response_type**=id_token

&**response_mode**=form_post

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

&**scope**=openid email



Getting Started

The screenshot shows a web browser window with the URL `openid.net/developers/libraries/`. The page features the OpenID logo and navigation links for the OpenID Foundation, Current Working Groups, Specs & Dev Info, and OpenID® Certification. The main content area is titled "Libraries, Products, and Tools" and includes a search bar, a "News Archives" section with a "Select Month" dropdown, a "Categories" section with a "Select Category" dropdown, and a "Recent Posts" section listing articles like "Announcing the Financial API (FAPI) Working Group" and "HEART Implementer's Drafts Approved".

Libraries, Products, and Tools

Below is a list of libraries, products, and tools implementing current OpenID specifications and related specs. While several of these implementations have been tested, they are maintained by members of the OpenID community or vendors and are not necessarily known to work. Please review the documentation and test your own implementation thoroughly before releasing to the public.

To discuss these implementations, please consider joining the [code@openid.net mailing list](mailto:code@openid.net). To participate in interop testing, also join the [openid-connect-interop@googlegroups.com mailing list](mailto:openid-connect-interop@googlegroups.com).

Table of Contents

- [OpenID Connect](#)
- [JWT/JWS/JWE/JWK/JWA](#)
- [Obsolete Specifications](#)
- [Additions](#)

OpenID Connect 1.0

OpenID Connect is an interoperable authentication protocol based on the OAuth 2.0 family of specifications. It uses straightforward REST/JSON message flows with a design goal of "making simple things simple and complicated things possible". It's uniquely easy for developers to integrate, compared to any preceding Identity protocol.

Search for:

Search

News Archives

News Archives

Select Month

Categories

Categories

Select Category

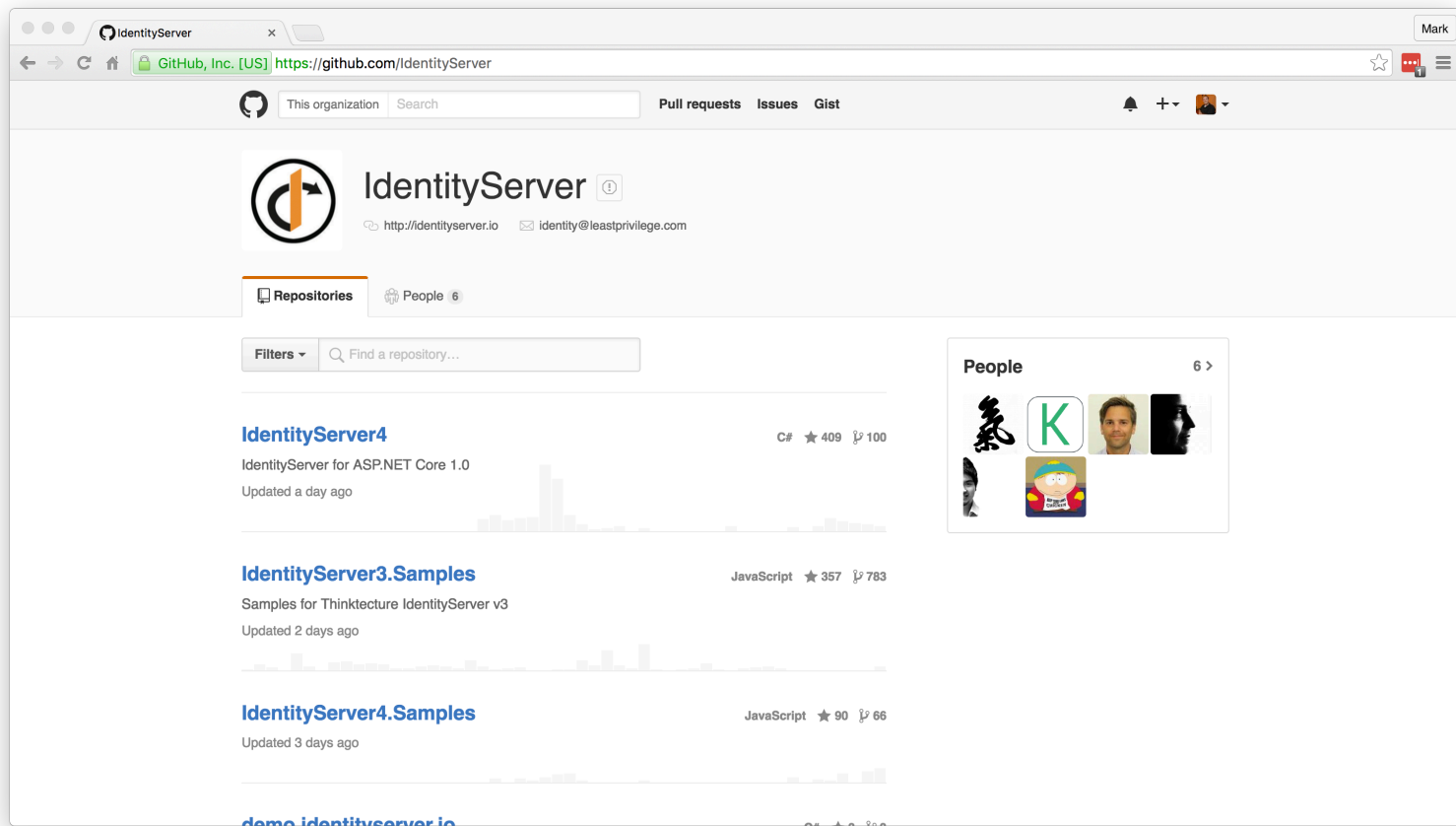
Recent Posts

- [Announcing the Financial API \(FAPI\) Working Group](#)
- [HEART Implementer's Drafts Approved](#)
- [Vote Early and Often!](#)

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



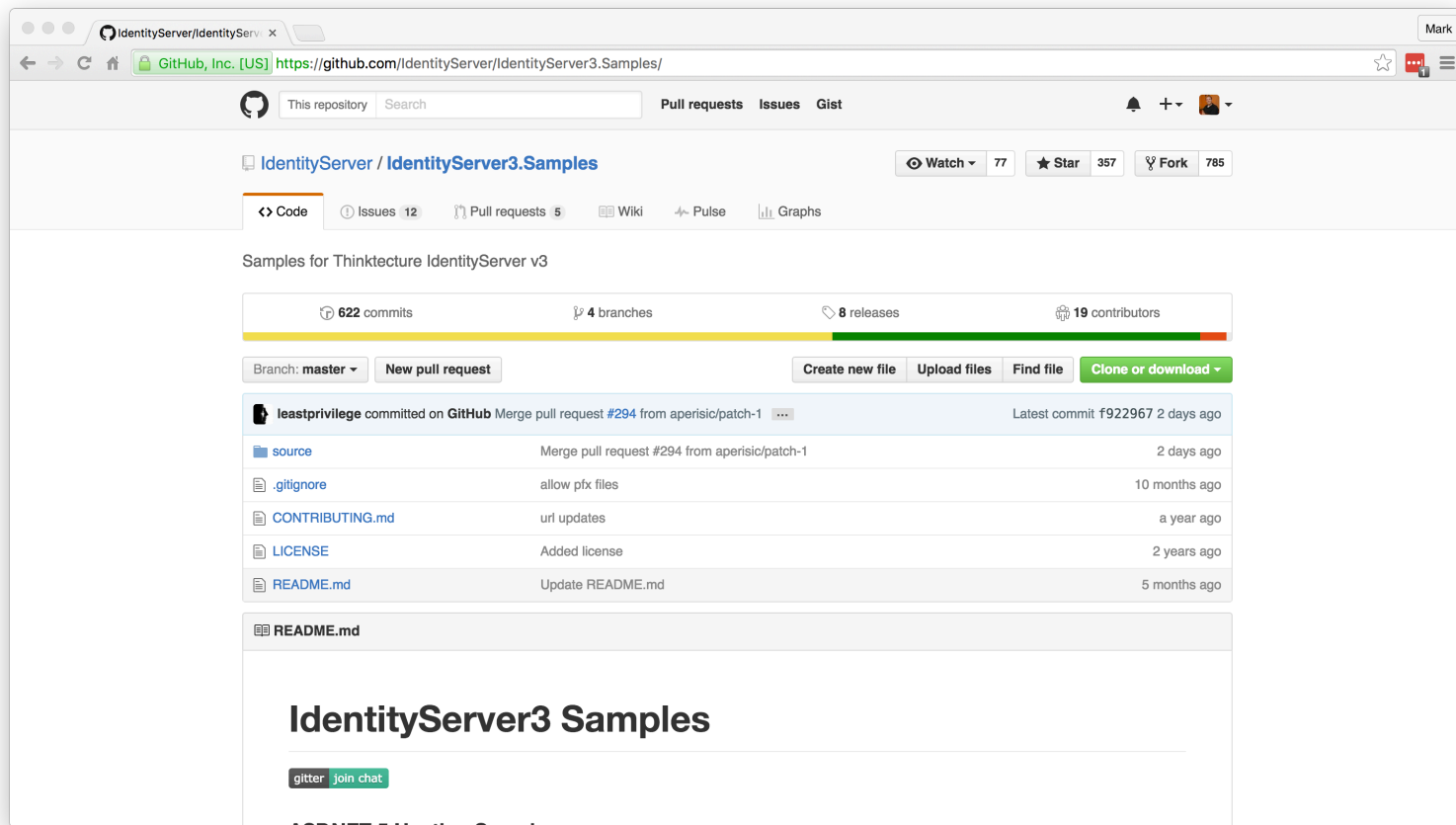
Getting Started



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



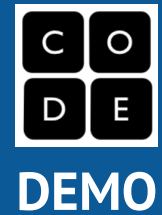
Getting Started



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





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