

Development Process - React

Step-By-Step

1. Create a free developer account at [okta.com](https://developer.okta.com)
2. Add OpenID Connect client app in Okta
3. Set up app configuration for OpenID Connect
4. Install Okta SDK dependencies
5. Integrate Okta Sign-In Widget
6. Add Configurations to our application
7. Create new Security Routes & Navigation Login/Logout

Create free developer account at [okta.com](https://developer.okta.com)

- Visit `http://developer.okta.com`
- Sign up for free account
- Check your email to verify your account

Free Developer Account

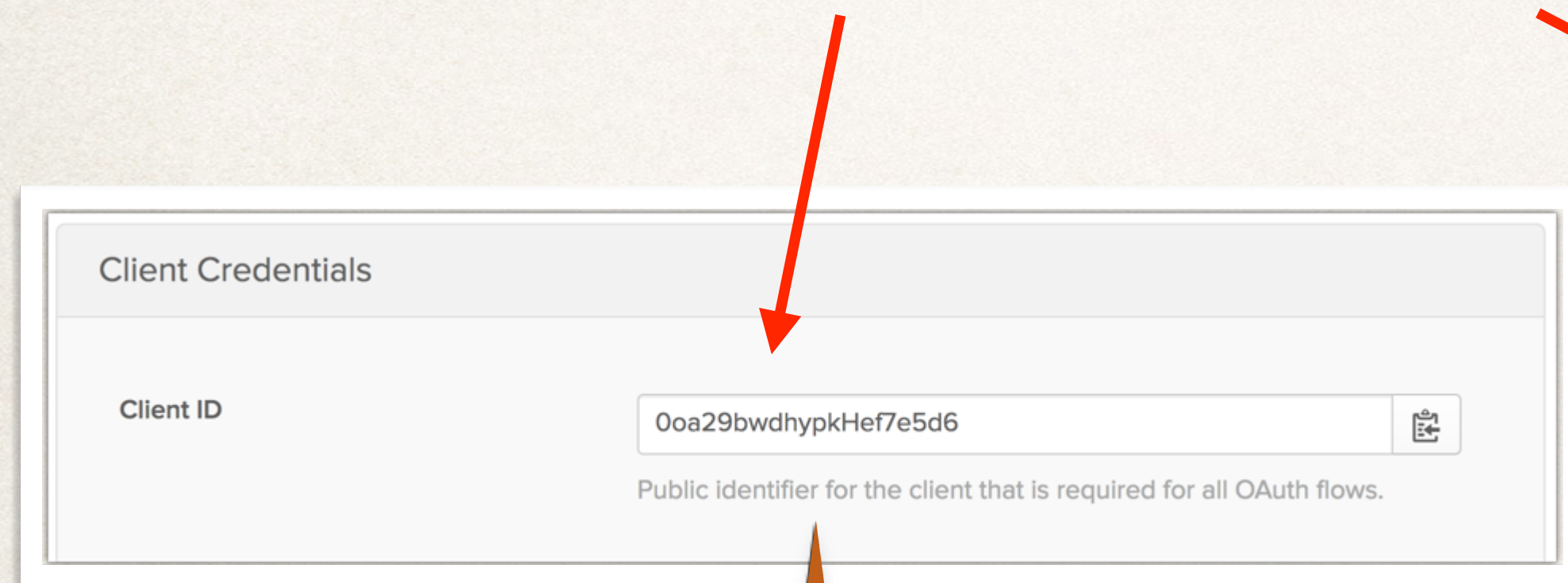
- No credit card required
- Supports 1,000 users

Add OpenID Connect client app in Okta

- In your Okta Developer Account
- Create a new application
- Select option for:
 - **OIDC: Open ID Connect > Single-Page Application**
 - *Other details covered in later video*

Set up app configuration for OpenID Connect

- To connect with Okta, need to provide configs
- Need the **clientId** and **issuer** ... available on Okta application details screen



public identifier of the client app

dev-1234567.okta.com

Issuer of tokens
`https://${yourOktaDomain}/oauth2/default`

Set up app configuration for OpenID Connect

OpenID Connect (OIDC) scopes provide access to information about a user such as name, phone number, email etc

The scope has a set of user attributes known as "claims".

File: my-app-config.ts

```
export default
```

```
  oidc: {  
    clientId: '00a2agnu1NvI7JykI5d6',  
    issuer: 'https://dev-5389590.okta.com/oauth2/default',  
    redirectUri: 'http://localhost:4200/login/callback',  
    scopes: ['openid', 'profile', 'email'],  
  }  
}
```

openid: required for authentication requests
profile: user's first name, last name, phone, etc
email: user's email address

Once user logs in ...
send them here

Install Okta SDK dependencies

- We will use Okta SDK dependencies

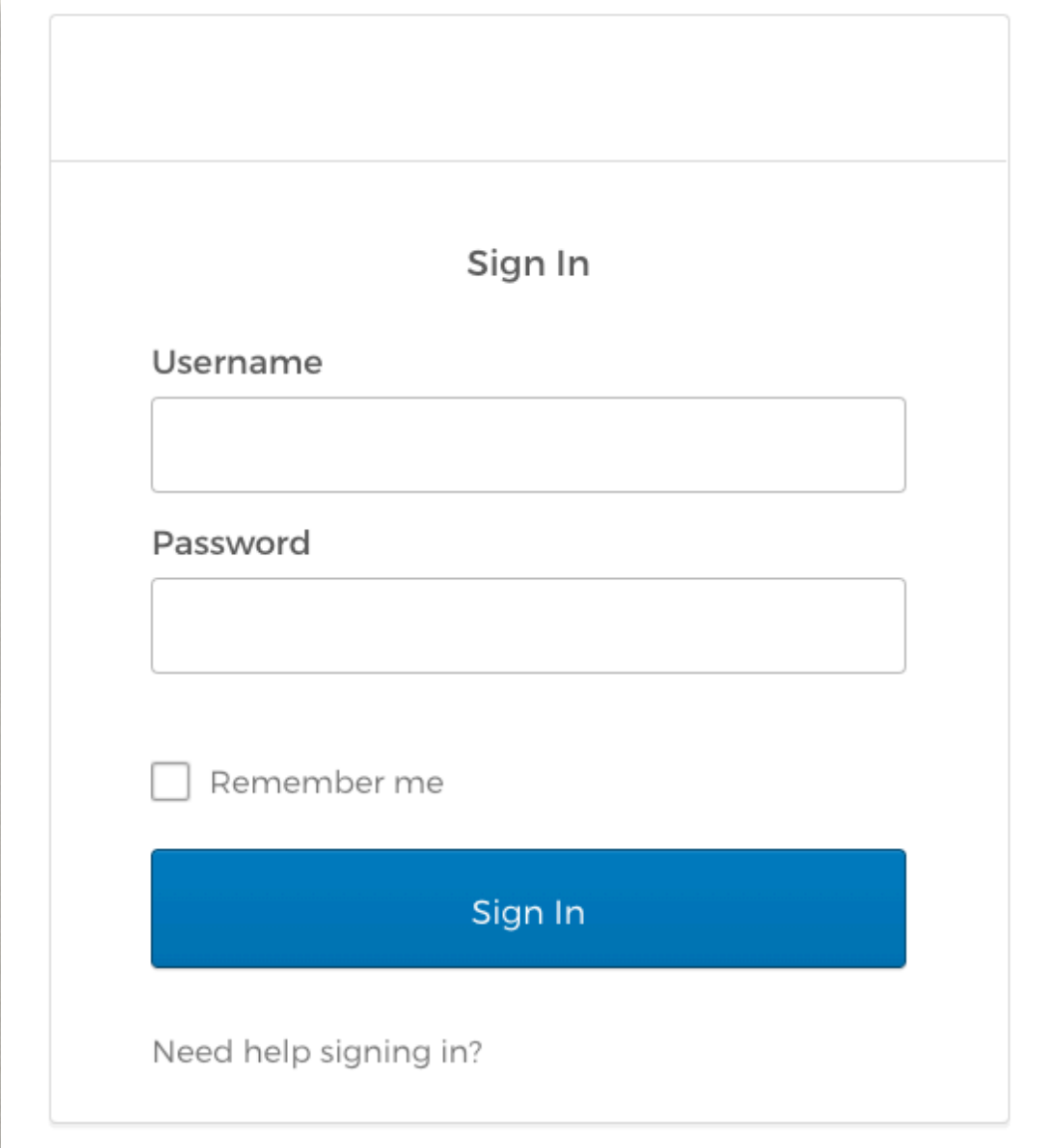
**Okta Sign-In
Widget**

Okta React SDK

**Okta JavaScript
SDK**

Install Okta SDK dependencies

- **Okta Sign-In Widget** is a JavaScript library for application login
- You don't have to create the HTML ... just integrate the widget into your application
- Customizable ... use your own logo, field names and custom fields



A mockup of the Okta Sign-In Widget. It features a white background with a light gray border. At the top, the text "Sign In" is centered. Below it, there are two input fields: "Username" and "Password". Under the "Password" field, there is a checkbox labeled "Remember me". A blue button with the text "Sign In" is positioned below the checkbox. At the bottom, there is a link that says "Need help signing in?".

Install Okta SDK dependencies

Luv 2 Read Home Search Books [Sign in](#)

Sign In

Username

Password

☐ Remember me

[Sign In](#)

[Need help signing in?](#)

© Example Library App, Inc Home Search Books

Okta Sign-In Widget

Install Okta SDK dependencies

- **Okta React SDK** provides integration with React Router for authentication and authorization
- Core Features
 - Login/logout from Okta using OAuth 2.0 API
 - Retrieve user information and determine authentication status
- Additional Features
 - Add protected routes that require authentication
 - Subscribe to changes in authentication state

Install Okta SDK dependencies

Okta Sign-In Widget

```
$ npm install @okta/okta-signin-widget
```

```
$ npm install @okta/okta-react
```

Okta React SDK