

Angular single-page application built with MSAL Angular v2 and Microsoft identity platform

This sample demonstrates how to use MSAL Angular v2 to login, logout, conditionally render components to authenticated users, and acquire an access token for a protected resource such as Microsoft Graph.

Features

This sample demonstrates the following MSAL Angular concepts:

- Configuration
- Login
- Logout
- Protecting a route
- Acquiring an access token and calling Microsoft Graph

Contents

File/folder	Description
AppCreationScripts	Contains automation scripts for Powershell users (can be safely removed if desired).
src	Sample source code.
.editorconfig	Defines editor config settings.
.gitignore	Define what to ignore at commit time.
angular.json	Angular configuration file.
browserslist	BrowsersList configuration file.
CHANGELOG.md	List of changes to the sample.
CONTRIBUTING.md	Guidelines for contributing to the sample.
karma.conf.js	Configuration for the karma test runner.
LICENSE	The license for the sample.
ng_README.md	README describing how to run the sample
package.json	Package manifest for npm.
README.md	This README file.
tsconfig.*.json	TypeScript configuration files.
tslint.json	TS Lint configuration files.

Note: This sample's structure was generated with the [Angular CLI](#).

Getting Started

Prerequisites

[Node.js](#) must be installed to run this sample.

Setup

1. [Register a new application](#) in the [Azure Portal](#). Ensure that the application is enabled for the [authorization code flow with PKCE](#). This will require that you redirect URI configured in the portal is of type SPA .
2. Clone this repository `git clone https://github.com/Azure-Samples/ms-identity-javascript-angular-spa.git`
3. Open the [/src/app/app.module.ts](#) file and provide the required configuration values.
 1. Replace the string `"Enter_the_Application_Id_Here"` with your app/client ID on AAD Portal.
 2. Replace the string `"Enter_the_Cloud_Instance_Id_HereEnter_the_Tenant_Info_Here"` with `"https://login.microsoftonline.com/common/"`

:information_source: if you would like to sign-in users with your tenant only, use your tenant ID instead of common .
 3. Replace the string `"Enter_the_Redirect_Uri_Here"` with the redirect uri you setup on AAD Portal.
 4. Replace the string `"Enter_the_Graph_Endpoint_Herev1.0/me"` with `"https://graph.microsoft.com/v1.0/me"`
4. Open the [/src/app/profile/profile.component.ts](#) file and provide the required configuration value.
 1. Replace the string `"Enter_the_Graph_Endpoint_Herev1.0/me"` with `"https://graph.microsoft.com/v1.0/me"`
5. On the command line, navigate to the root of the repository, and run `npm install` to install the project dependencies via npm.

:information_source: To configure this app for tenants on Sovereign/National clouds, see: [Use MSAL in a national cloud environment](#)

Run the sample

1. Start the sample application with `npm start` .
2. In your browser, navigate to <http://localhost:4200>.

Contributing

If you'd like to contribute to this sample, see [CONTRIBUTING.MD](#).

Code of Conduct

This project has adopted the [Microsoft Open Source Code of Conduct](#). For more information see the [Code of Conduct FAQ](#) or contact opencode@microsoft.com with any additional questions or comments.