


# Quickstart



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Some situations require forcing users interact with the Microsoft identity platform endpoint through a popup window to either validate their credentials or to give consent. Some examples include:

- The first time users sign in to the application
- When users may need to reenter their credentials because the password has expired
- When your application is requesting access to a resource that the user needs to consent to
- When two factor authentication is required

```
authResult = await App.PublicClientApp.AcquireTokenInteractive(_scopes)
                                     .ExecuteAsync();
```

Where:

`_scopes` Contains the scopes being requested, such as { "user.read" } for Microsoft Graph or { "api:///access\_as\_user" } for custom Web APIs.

## Get a user token silently

You don't want to require the user to validate their credentials every time they need to access a resource. Most of the time you want token acquisitions and renewal without any user interaction. You can use the `AcquireTokenSilent` method to obtain tokens to access protected resources after the initial `AcquireTokenInteractive` method:

```
var accounts = await App.PublicClientApp.GetAccountsAsync();
var firstAccount = accounts.FirstOrDefault();
authResult = await App.PublicClientApp.AcquireTokenSilent(scopes, firstAccount)
                                     .ExecuteAsync();
```

Where:

`scopes` Contains the scopes being requested, such as { "user.read" } for Microsoft Graph or { "api:///access\_as\_user" } for custom Web APIs.

`firstAccount` Specifies the first user in the cache (MSAL support multiple users in a single app).

## Next steps

- Try out the Windows desktop tutorial for a complete step-by-step guide on building applications and new features, including a full explanation of this quickstart.
- Call Graph API tutorial (<https://docs.microsoft.com/azure/active-directory/develop/guidedsetups/active-directory-windesktop>)
- Help us improve the Microsoft identity platform. Tell us what you think by completing a short two-question survey.
- Microsoft identity platform survey (<https://forms.office.com/Pages/ResponsePage.aspx?>)