

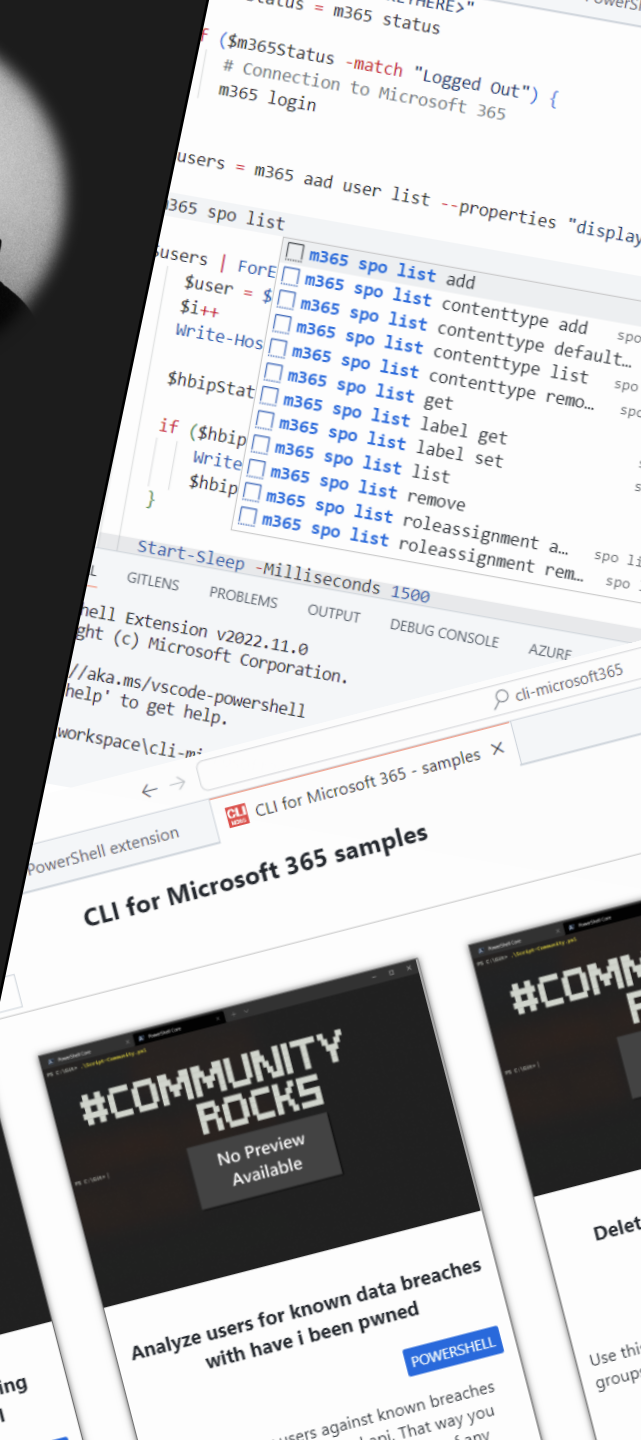


```
typeof(me);
```

```
new PnPDemoPresenter
```

```
{  
    Name = "Adam Wójcik",  
    Description = @"Father 🧑 & Standard dev that loves coding with headphones 🎧 on  
                    and coffee ☕ next to the keyboard 🖱️",  
    Position = ".NET/FullStack/SharePoint/Microsoft 365 Developer/Consultant 🧑",  
    Other = ["CLI for Microsoft 365 maintainer 🧑", "MVP"],  
    Employer = "Hitachi Energy",  
    Location = Country.Poland,  
    Social = new List<SocialType>()  
    {  
        SocialType.Linkedin, ,  
        SocialType.Twitter   
    }  
};
```



What's it all about?



Feedback Feedback Feedback Feedback Feedback Feedback



Aims to simulate real world behaviors of **Microsoft Graph** and **other APIs**



identify and fix issues in your code early in the development cycle

simulate errors

mock responses (JSON, binary, etc)

demonstrate behaviors like throttling

guidance to improve performance (use of \$select)

runs on any OS and extendable by custom plugins



▼ Windows 11

1. Open the **Start** menu.
2. Enter **Edit environment variables for your account** **Environment Variables** dialog box.
3. In the **User variables for <username>** section, select **button**.
4. In the **Edit environment variable** dialog box, select
5. Enter **%USERPROFILE%**



Microsoft Graph Developer Proxy

Build with Microsoft Graph. Reliably

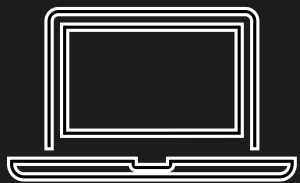
DOWNLOAD **NOW**

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[Example usage](#) | [Features](#) | [Trademarks](#) | [Community Preview](#)

What scenario will I cover?

Using the tool to increase quality and testability of a desktop app



.NET MAUI

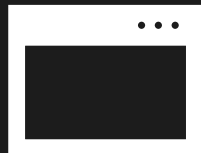
UWP

Windows forms

WPF

Electron .NET

(WebView2)



Console 🤔

API



MS graph developer proxy got you covered ✓

SPFx 🤔

Why desktop? Why not Web?

Sample with a web application is already present in the MS graph developer proxy repo



Garry Trinder
Chief Executive Officer

Alex Wilber
Marketing Assistant

Grady Archie
Designer

Adele Vance
Retail Manager

Diego Sicilia
HR Manager



<https://youtu.be/jsXliaZCGqg>

<https://youtu.be/ljsMwf36lOY>

Introduction to
Microsoft
Graph
Developer
Proxy

Test how your
SPFx solutions
respond to
throttling with
Graph
Developer
Proxy



What kind of tests?



Unit Tests

Integration Tests

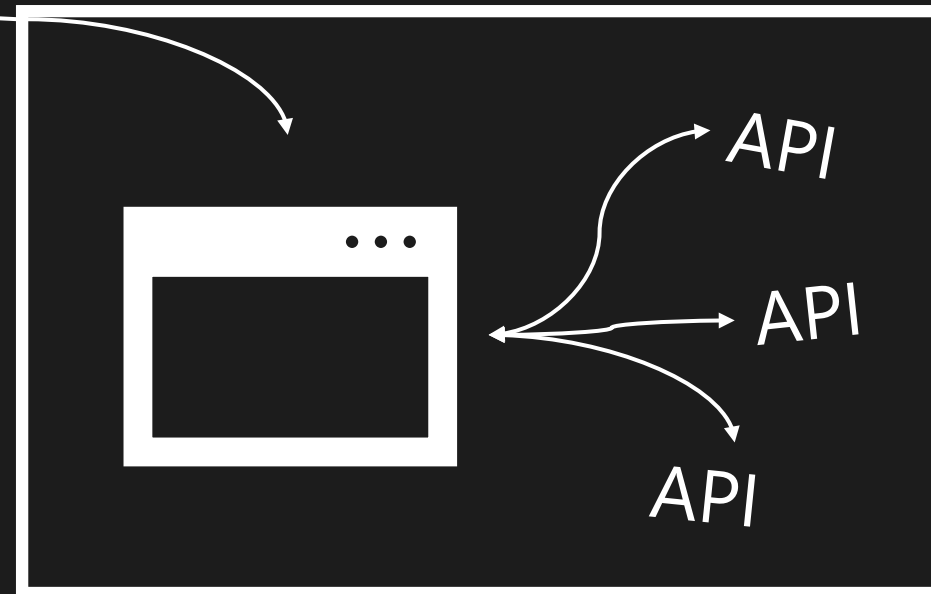
UI automated Tests

Manual Tests



API

external resource



MS graph developer proxy
got you covered ☒



Mocking Errors for
some requests



- ☒ Test run 7
- ☒ Test run 6
- ☒ Test run 5
- ☒ Test run 4
- ☒ Test run 3
- ☒ Test run 2
- ☒ Test run 1

Mock responses
Trinder edited this page 2 weeks ago · 2 revisions

create a file named respo

ponses

...

355.on

1110",

"en-US",

: "MeganB

Fad-4d73-a8

: {

: "applicati

Demo

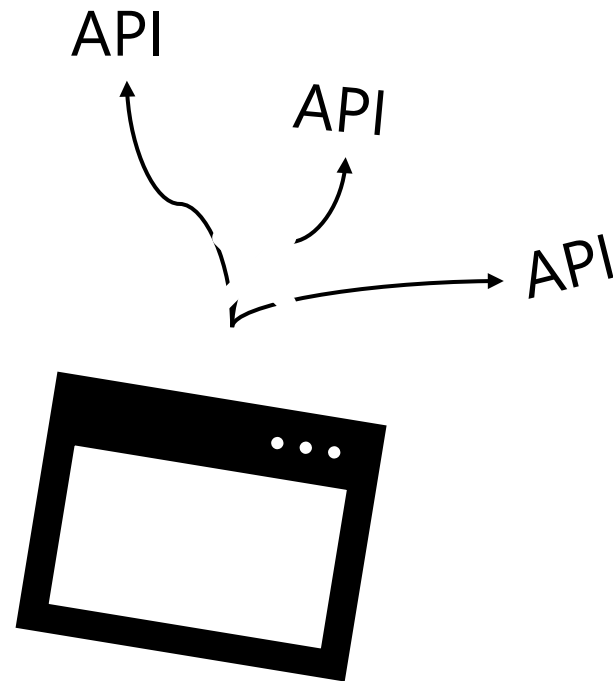


Short recap

👉 Improves tests quality

Test run 7
Test run 6
Test run 5
Test run 4
Test run 3
Test run 2
Test run 1

👉 Reduces the number of needed resources and test complexity



Test/QA team

Dev team

Client/Company

👉 Saves client money and makes everybody happy

<https://github.com/microsoftgraph/msgraph-developer-proxy>



Community Preview

Feedback  (any comment)
Feedback  (bugs)
Feedback  (ideas)
Feedback  (questions)

Thanks for watching 

HACK TOGETHER
**MICROSOFT GRAPH
& .NET**

March 1 - 15, 2023



Env Setup! pre-requisites!

5 6 7 8 9 12 13 14 15

[Bug]: ms #119 open

[How-t #118 op

Simulate Protected API resp #116 opened last week by garytrinder

Condition in mocks enhancement question