



COMMUNITY SUMMIT

POWER
PlatformUG

2023



Welcome
To
CHARLOTTE

The Largest Independent Gathering
of the Microsoft User Ecosystem

Querying Power BI REST APIs within a Power BI Dataset



Decrease Complexities,
Deliver Results.

About Me

Experience

- 11+ years with Microsoft BI stack
- 8+ years with PowerPivot/Power BI
- 5+ years with Azure DevOps

Credentials

- MCSE: Productivity
- MS: PBI Data Analyst
- PMP



John Kerski
Client First
Technologies

Contact Me

X @JKerski

in John Kerski

 Blog

Slides:



| Agenda

- Power BI REST APIs
- The Challenges
- Custom Connector
- Demo
- Next Steps

- Representational State Transfer (REST)
- Application Programming Interfaces (APIs)

The Middleman of Information



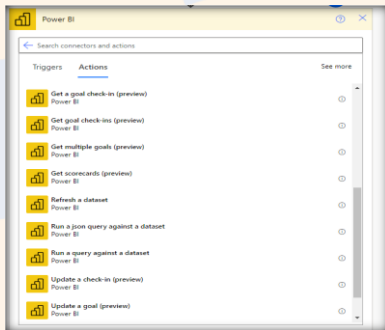
Power BI REST APIs (cont.)

- Datasets
 - Data Sources
 - Refresh History
 - Refresh Schedule
 - Execute Queries
- Reports
 - Connects to Datasets
 - Pages (Tabs)
- Workspaces
 - User Access
- Pipelines
 - Deployment History
 - User Access
- Apps

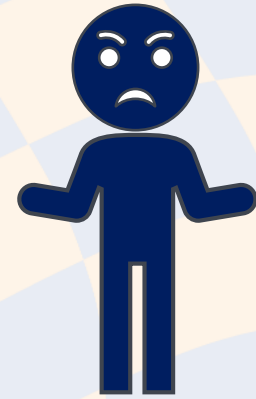


The Challenges

- PowerShell
- JavaScript
- .NET
- Python
- Power Automate



Everyone Else



Power BI Users



The Challenges (cont.)

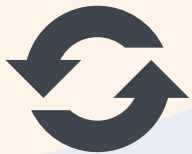
As a workspace administrator I'd like to:



Inventory the workspaces I manage



Monitor for issues



Maintain a comprehensive refresh schedule



Introducing...

Power Query Connector to PBI REST API

Commercial Version



GCC Version



Demo



Next Steps

1. Setup the connector
2. Use the template
3. Setup Gateway

Questions?

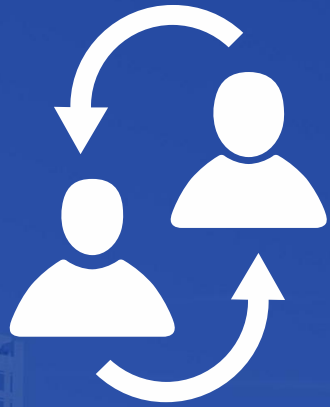
1. API for Get Refresh Schedule of Dataflows
2. REST API Cmdlet for getting all outstanding Pending Access requests
3. Power BI REST API connector for Power BI Desktop

**Thank you for
Attending!**

Decrease Complexities,
Deliver Results.



The Largest Independent Gathering
of the Microsoft User Ecosystem



COMMUNITY SUMMIT

POWER
PlatformUG