

Querying Power BI REST APIs



Within a Power BI Dataset
November 3rd, 2023



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



Contact Me

 @JKerski

 [John Kerski](#)

 [Blog](#)

Slides:



Agenda

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



Power BI REST APIs

- 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

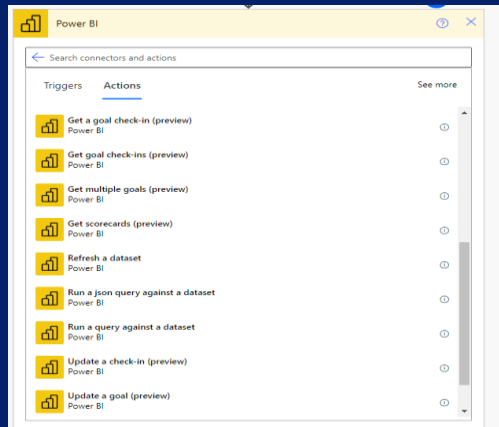
- PowerShell
- JavaScript
- .NET
- Python
- Power Automate



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?





Power BI Ideas

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

How was the session?

Search for *Ukhova* in the App Store or Google Play



Fill out the Session Surveys in the **365 EduCon Chicago Event** and be eligible to win **PRIZES!**

