



Intro to Power BI REST API

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As a courtesy,
please mute your
mic unless asking
a question during
Q&A

Thanks!



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Presentation Landing Page & Resources:

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Introductions

My Background

- ▶ Cloud Architect with Cognizant Softvision
- ▶ Founder of NetCorp
- ▶ Certified on both AWS and Azure
MCSE, MCSD, MCDBA & MCT
- ▶ Architected and led delivery of Power BI based visualizations platform serving numerous apps for a “Big 4” accounting firm.

About You

- ▶ New to Power BI
- ▶ Experienced with Power BI
- ▶ Used Power BI REST API

Our Agenda

- ▶ Overview of Power BI REST API
- ▶ API Structure and Methods
- ▶ Demos
- ▶ Q&A

Overview of Power BI REST API

What is Power BI REST API?

- ▶ **R**epresentational **S**tate **T**ransfer (REST)
- ▶ Return or set current state of an object
- ▶ HTTP service endpoint
- ▶ Subset of methods (e.g., GET, POST, PUT, DELETE)
- ▶ Most common payload: JSON
- ▶ Fast and reliable

What is Power BI REST API?

- ▶ Programmatic access to Power BI artifacts, such as:
 - ▶ Datasets
 - ▶ Dashboards
 - ▶ Reports
 - ▶ Gateways

Power BI REST API is NOT ...

- ▶ Power BI Embedded Analytics (a.k.a. “JavaScript API”)
- ▶ If you’re looking for Embedding:
playground.powerbi.com

Ways to access the REST API

High-Level

- ▶ Power BI PowerShell Modules
- ▶ Power BI .NET SDK

Low-Level

- ▶ Call REST endpoints directly using language & platform of your choosing
- ▶ PowerShell:
`Invoke-PowerBIRestMethod`



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Intro and a Script

API Structure and Methods

Primary Areas

- ▶ Admin
- ▶ Dashboards
- ▶ Datasets
- ▶ Groups (Workspaces)
- ▶ Imports
- ▶ Reports

Secondary Areas

- ▶ Apps
- ▶ Capacities
- ▶ Dataflows
- ▶ Embed Token
- ▶ Gateways
- ▶ Pipelines



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More Demos



Final Q&A
Don't be shy!

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