



Get more out of Power Automate with PowerShell

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Codes

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Works

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Does

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Likes

Cloud Automation & Security



Agenda

The background of the slide is a photograph of a canal in Amsterdam at night. On the left, there are traditional Dutch canal houses with lit windows. A stone bridge with arches spans the canal in the foreground. On the right, a building is illuminated with a large, vibrant projection of J.M.W. Turner's painting 'Rain, Steam, and Great Smokes' (often referred to as 'Rain, Steam, and the Great Smokes' or 'Rain, Steam, and the Great Smokes' by the Tate). The projection shows a steamy, industrial scene with a bridge and buildings, rendered in shades of blue, white, and yellow. The sky is dark blue with some clouds.

Intro

Power Automate

API

Q&A

Power Automate Connectors



Popular connectors



Office 365 Outl...



OneDrive for B...



Office 365 Users



SharePoint



Twitter



Notifications



RSS



Outlook.com

Recently added connectors



Impexium

PREMIUM



Africa's Talking ...

PREMIUM



E-Sign

PREMIUM



Elead Product ...

PREMIUM



Elead Sales Cus...

PREMIUM



Elead Sales Op...

PREMIUM



Formstack Forms

PREMIUM



Projectplace

PREMIUM

All connectors



Office 365 Outl...



SharePoint



OneDrive for B...



Microsoft Forms



Planner



Microsoft Teams











Common Data ...











Outlook.com

Connector Versioning

Build a flow with Office 365 Outlook triggers and actions

 Create contact (V2)	 Create event (V4)	 Send an email (V2)	 When a new email arrives (V3)
 When an email is flagged (V3)	 Delete contact (V2)	 Delete email (V2)	 Delete event (V2)

Build a flow with Teams triggers and actions

 Add a member to a team	 Create a team	 Create a Teams meeting	 Get messages
 Post a choice of options as the Flow bot to a user	 Post a message (V3)	 Post a reply to a message (V2)	 Post adaptive card in a chat or channel

Additional Power Automate Services

Install ▾



Power Automate Desktop

Use desktop flows to automate actions and business processes on your desktop environment.



On-premises data gateway

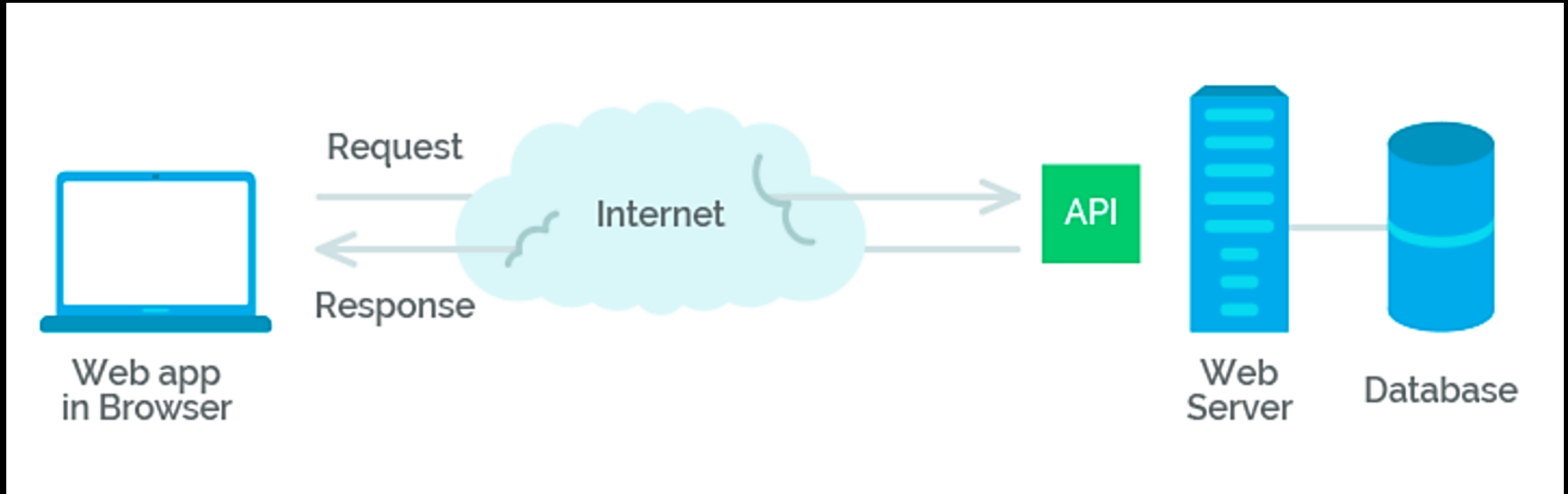
Provides quick and secure data bridge between on-premises data and Microsoft cloud services.

Demo



APIs





What is an API?

APIs (application programming interface) are a set of rules and mechanisms by which one application or component interacts with the others.



Design of the Client and Server are **independent**.



Code can be **changed at any time** without affecting the operation either.



Improves the **flexibility** of the interface across platforms.

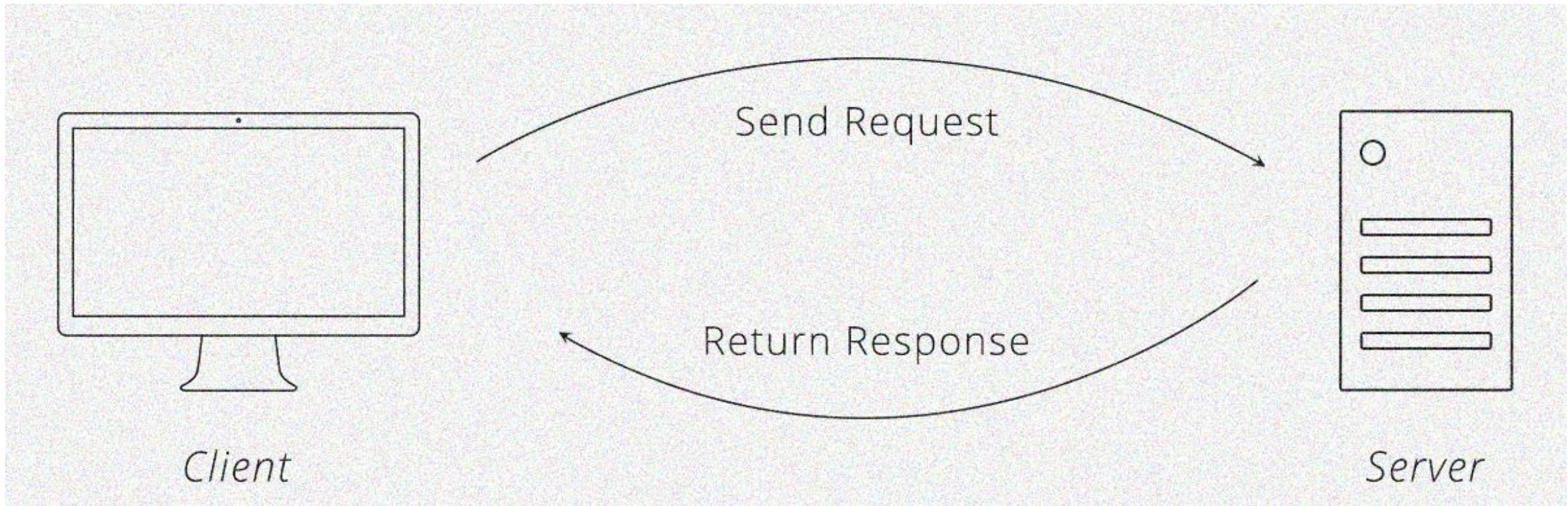


Improves **scalability** by simplifying the server components.



Each component has the ability to **evolve** independently.

Representational State Transfer (REST)

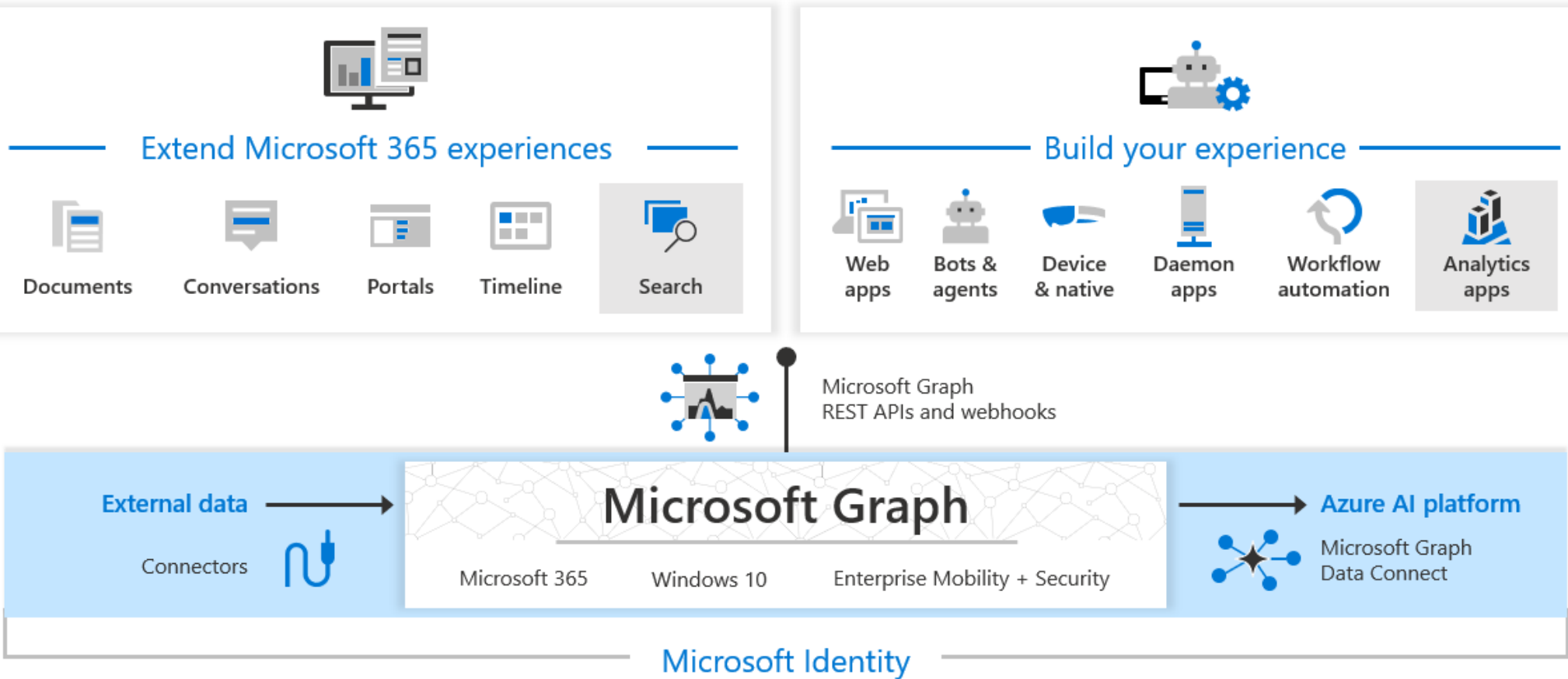


REST Communication


REST communication centers around a concept called the **Request-Response Cycle**.

Graph API

Microsoft 365 Platform



Graph Explorer



Jaap Brasser

me@jaapbrasser.onmicrosoft.com

...

Sample queries

History

Search sample queries

See more queries in the [Microsoft Graph API Reference docs](#).

Getting Started (8)

GETmy profile

GETmy profile (beta)

GETmy photo

GETv1.0https://graph.microsoft.com/v1.0/me

Request body

Request headers

Modify permissions (Preview)

Access token

OK - 200 - 93ms

Graph Explorer

Using Graph API

- **Authenticate**

- Azure APP
- Client Secret / Cert
- Admin Consent
- Delegated / App Permissions

- **Interact with Graph API**

- Rest
- Graph Explorer
 - <https://Graph.Microsoft.com/1.0>
- JSON output

Demo



Questions?

