

The Taming of the API

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Indy.Code()

October 19th, 2022

Who is Chad Green

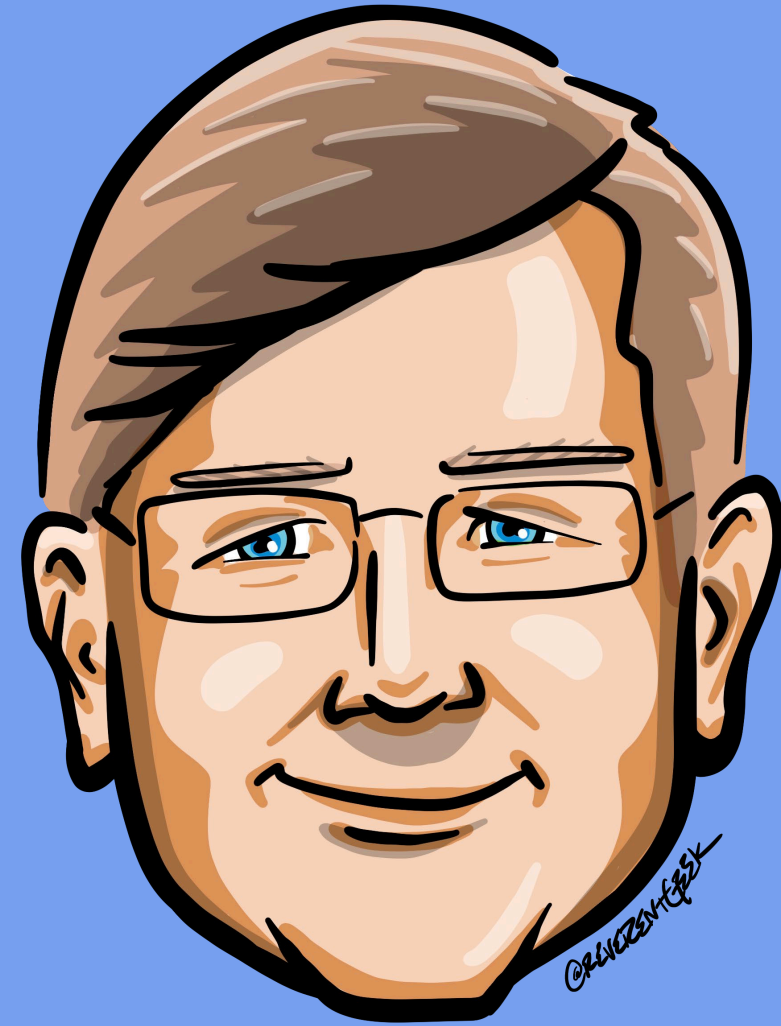
✉ chadgreen@chadgreen.com

💬 TaleLearnCode

🌐 ChadGreen.com

🐦 ChadGreen & TaleLearnCode

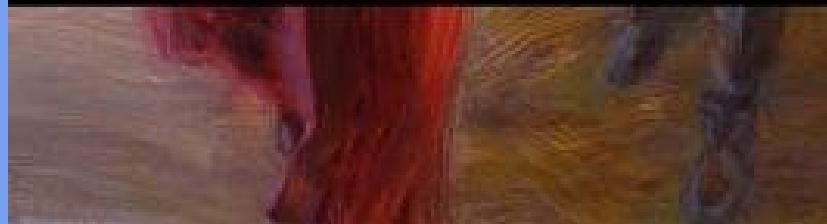
🌐 ChadwickEGreen

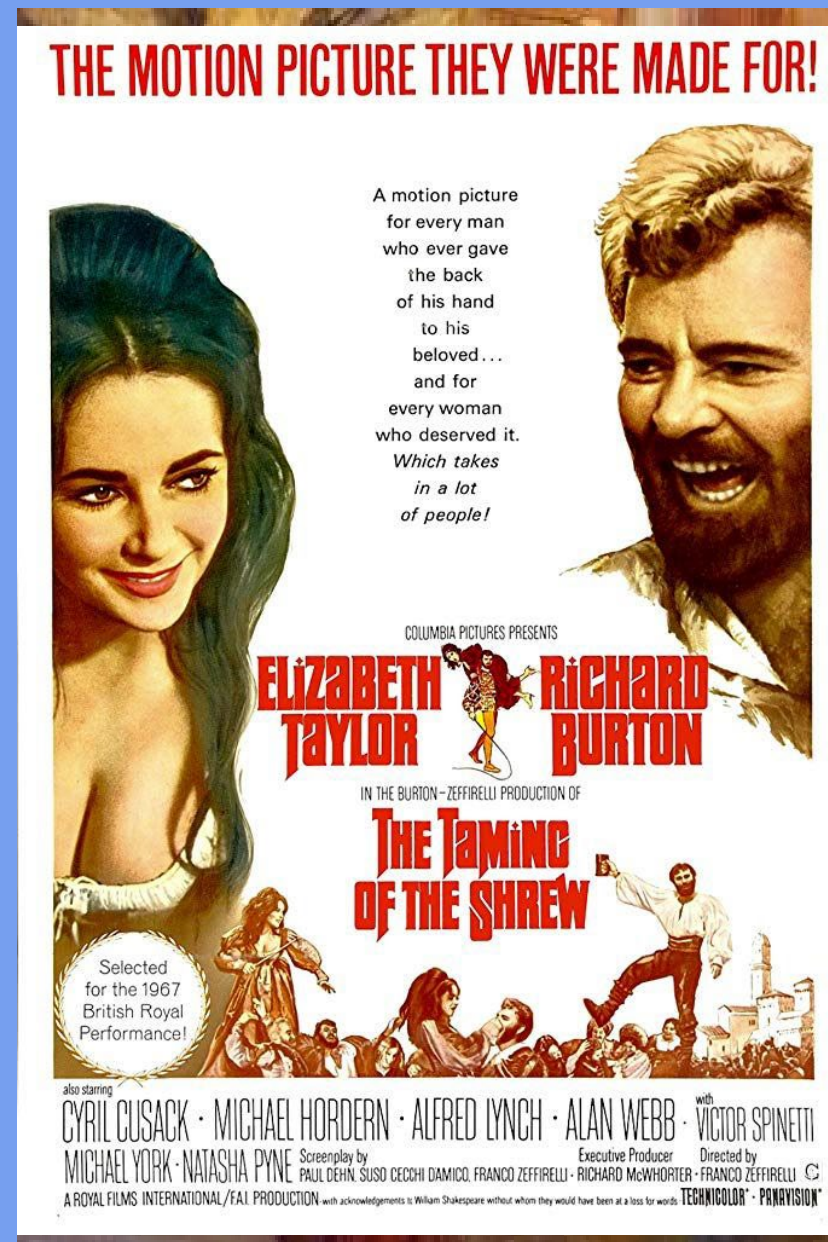
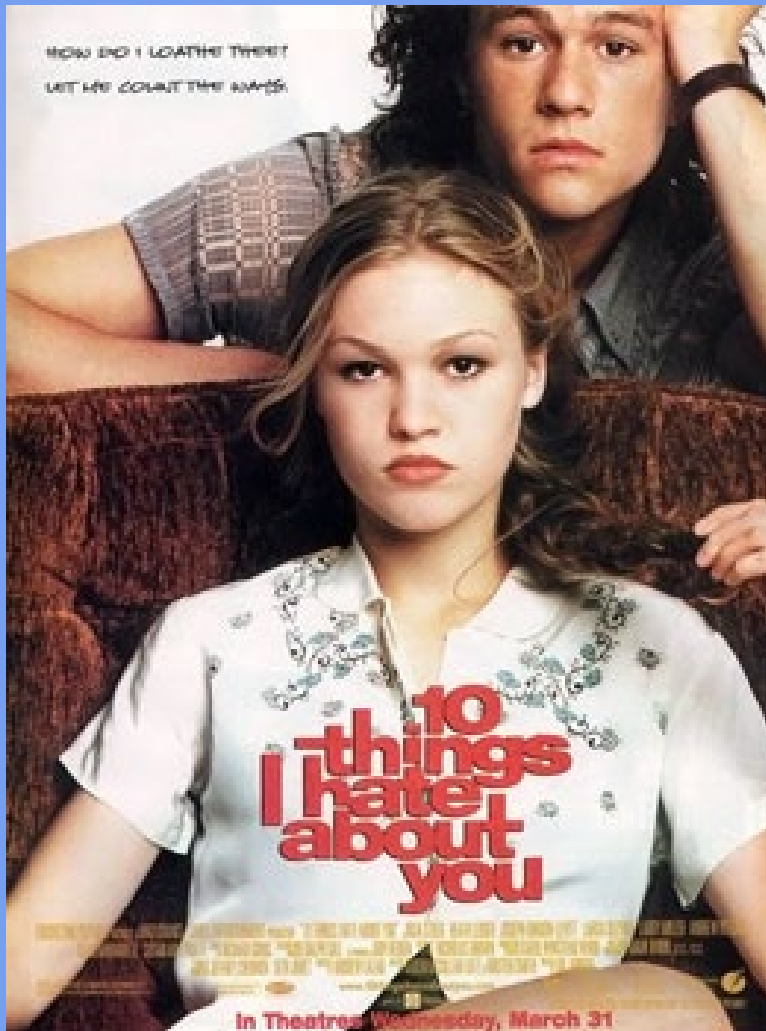




THE TAMING OF THE SHREW

William Shakespeare





LA COLUMBIA PICTURES PRESENTA

ELIZABETH TAYLOR • RICHARD BURTON

IN UNA PRODUZIONE BURTON • ZEFFIRELLI



LA BISBETICA DOMATA

CYRIL CUSACK • MICHAEL HORDERN • ALFRED LYNCH • ALAN WEBB

VICTOR SPINETTI • MICHAEL YORK • NATASHA PYNE

SCENEGGIATURA DI PAUL DEHN, SUSO CECCHI D'AMICO, FRANCO ZEFFIRELLI

PRODUTTORE ESECUTIVO RICHARD McWHORTER

Regia di **FRANCO ZEFFIRELLI**

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No profit grows where is
no pleasure ta'en. In
brief, sir, study what you
most affect

What's the problem?



Jokes



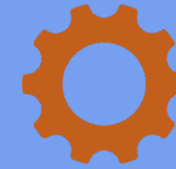
Famous
Quotes



Movie
Quotes



Inspiration
Quotes



Chuck
Norris
Facts

Who

What

When

Where

Why

How

What's the problem?



Jokes



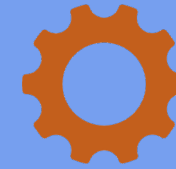
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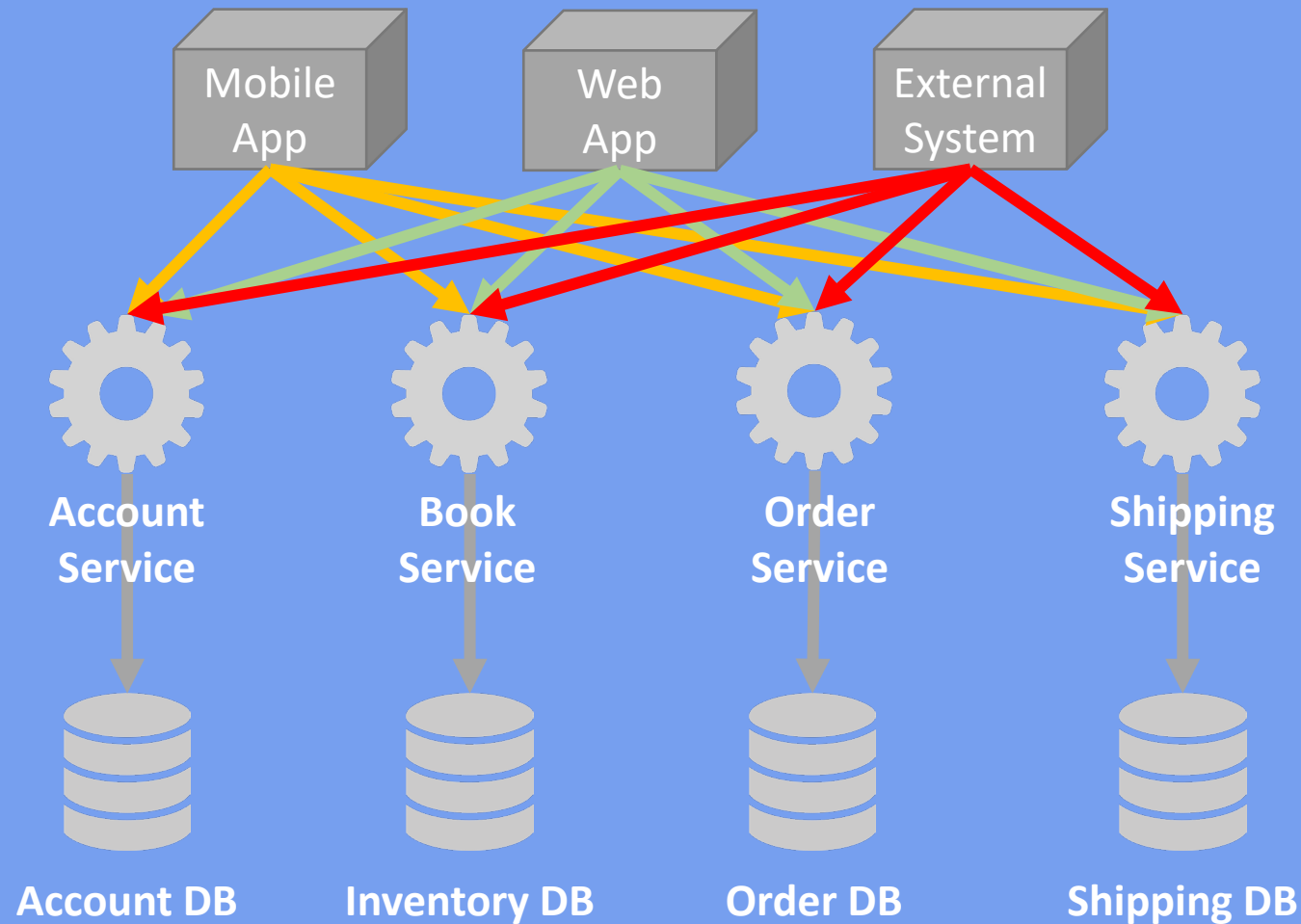
What

When

Where

Why

How





API Management Basics

What is API Management?

Creating
API Connections

Publishing
API Connections

Managing
API Connections

What is API Management?

Creating
API Connections

Publishing
API Connections

Managing
API Connections

What is API Management?

**Creating and
Publishing APIs**

**Enforcing Usage
Policies**

Controlling Access

**Nurturing Developer
Community**

Tracking Usage

**Performance
Reporting**

API Management Benefits

**Data-Driven
Decisions**

API Management Benefits

Data-Driven
Decisions

Security Threat
Protection

API Management Benefits

**Data-Driven
Decisions**

**Security Threat
Protection**

API Management Benefits

Data-Driven
Decisions

Security Threat
Detection

Documentation

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Decisions

Security Threat
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Security Threat
Detection

Documentation

Centralized
Visibility

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Monetization

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Positive User
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Agile Ecosystem

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Optimized Value

Integration

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Optimized Value

Optimized Value

API Management Benefits

**Data-Driven
Decisions**

**Security Threat
Protection**

Documentation

**Centralized
Visibility**

Monetization

**Positive User
Experience**

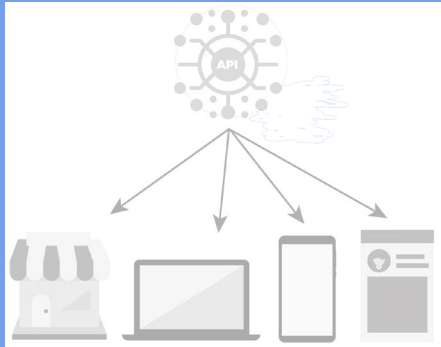
Agile Ecosystem

Optimized Value

API Management Use Cases



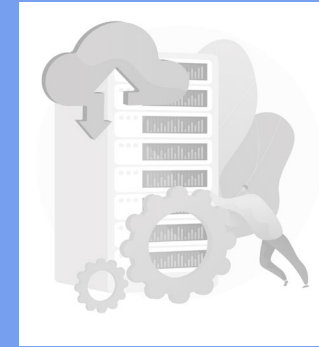
API Integration



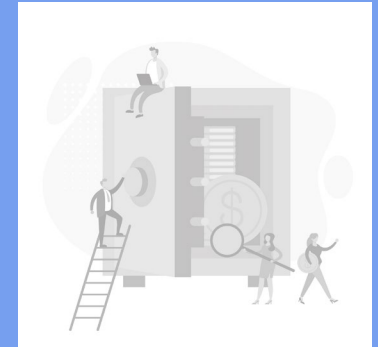
Multi-Channel
User Experiences



B2B Integration



Data as a Service



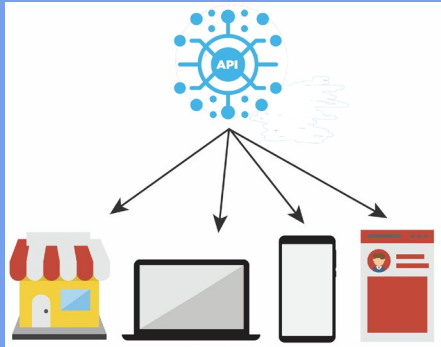
Unlocking
Legacy Assets

API Integration

API Management Use Cases



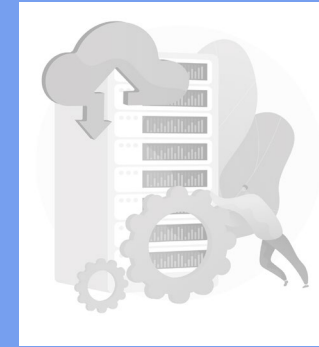
API Integration



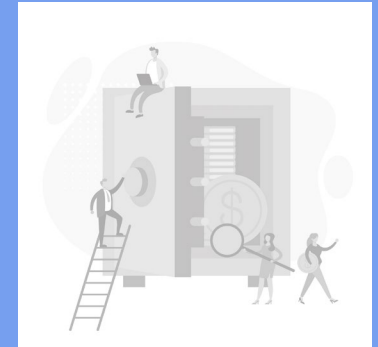
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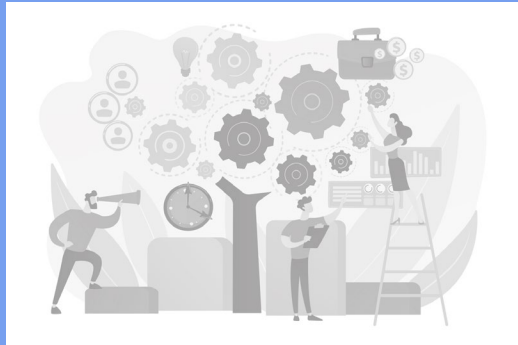
Data as a Service



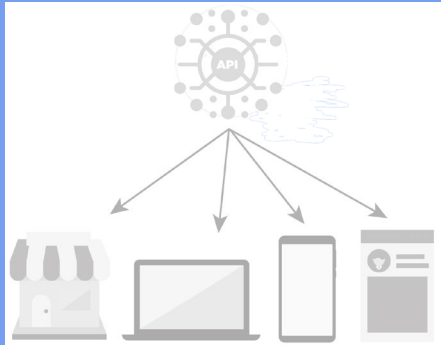
Unlocking
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Multi-Channel User Experiences

API Management Use Cases



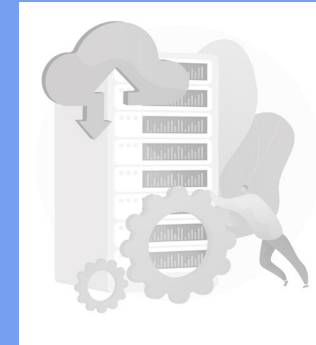
API Integration



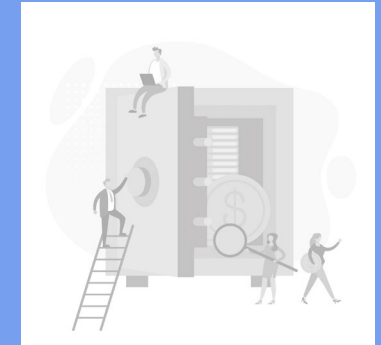
Multi-Channel
User Experiences



B2B Integration



Data as a Service



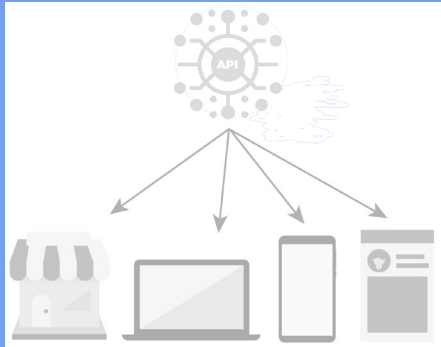
Unlocking
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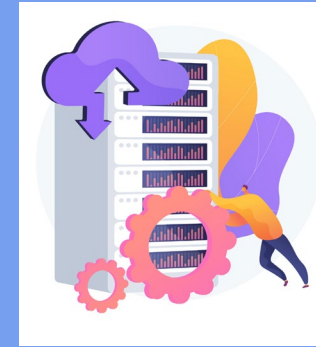
API Integration



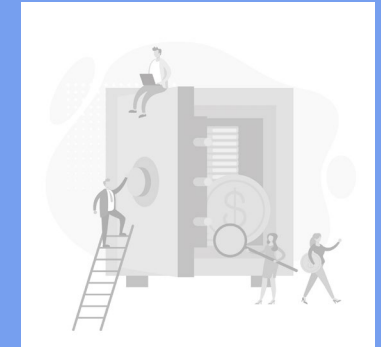
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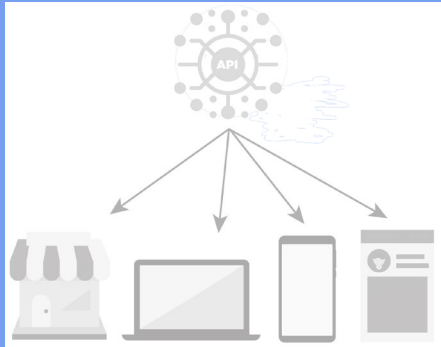
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Data as a Service

API Management Use Cases



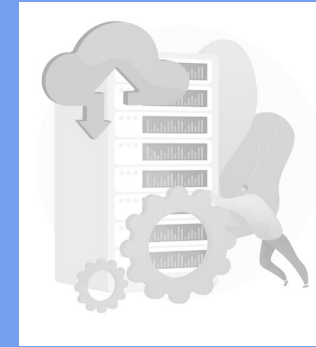
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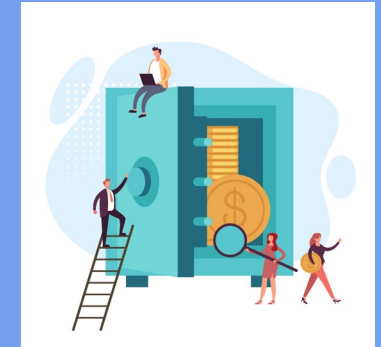
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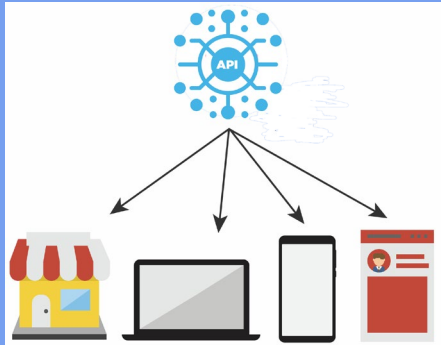
Unlocking
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Unlocking Legacy Assets

API Management Use Cases



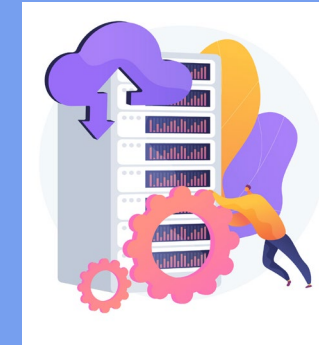
API Integration



Multi-Channel
User Experiences



B2B Integration



Data as a Service



Unlocking
Legacy Assets

API Management Components

Gateway

API Management Components

Gateway

Policy Manager

API Management Components

Gateway

Developer Portal

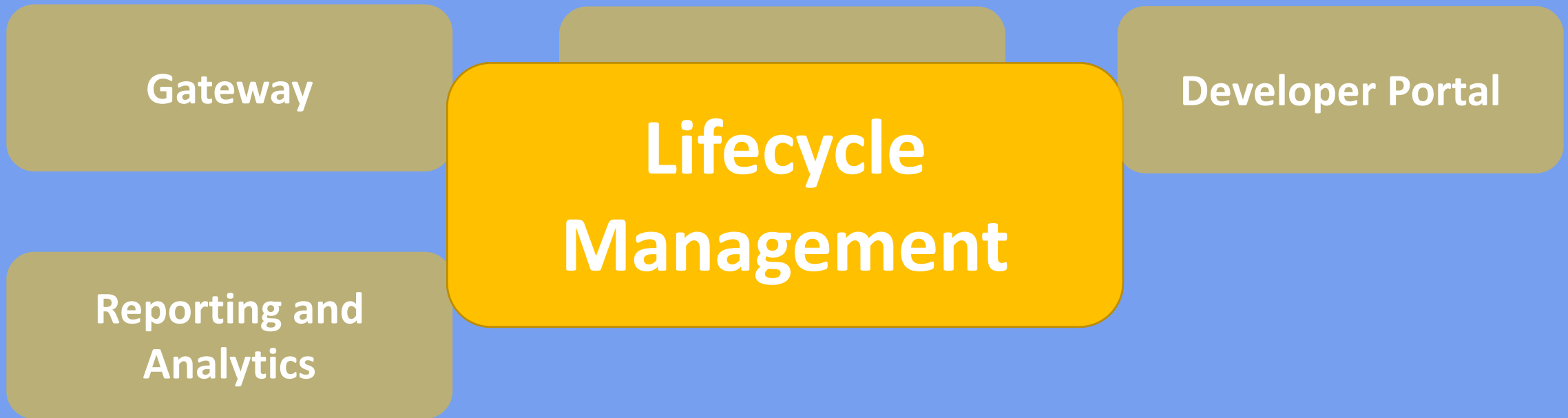
API Management Components

Gateway

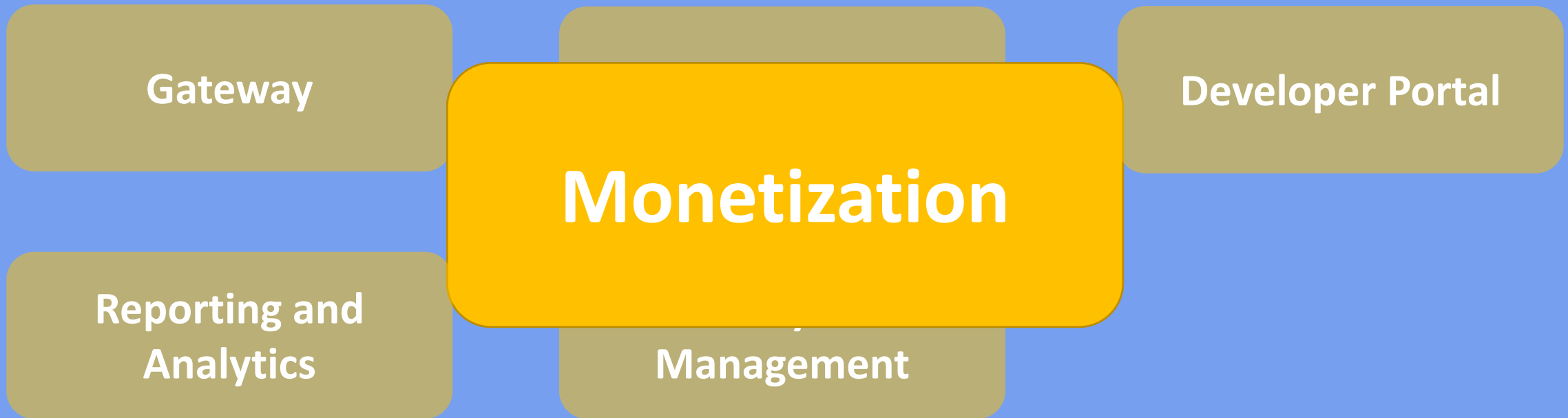
Reporting and
Analytics

Developer Portal

API Management Components



API Management Components



API Management Components



API Management Components

Gateway

Policy Manager

Developer Portal

Reporting and
Analytics

Lifecycle
Management

Monetization

API Management Marketplace



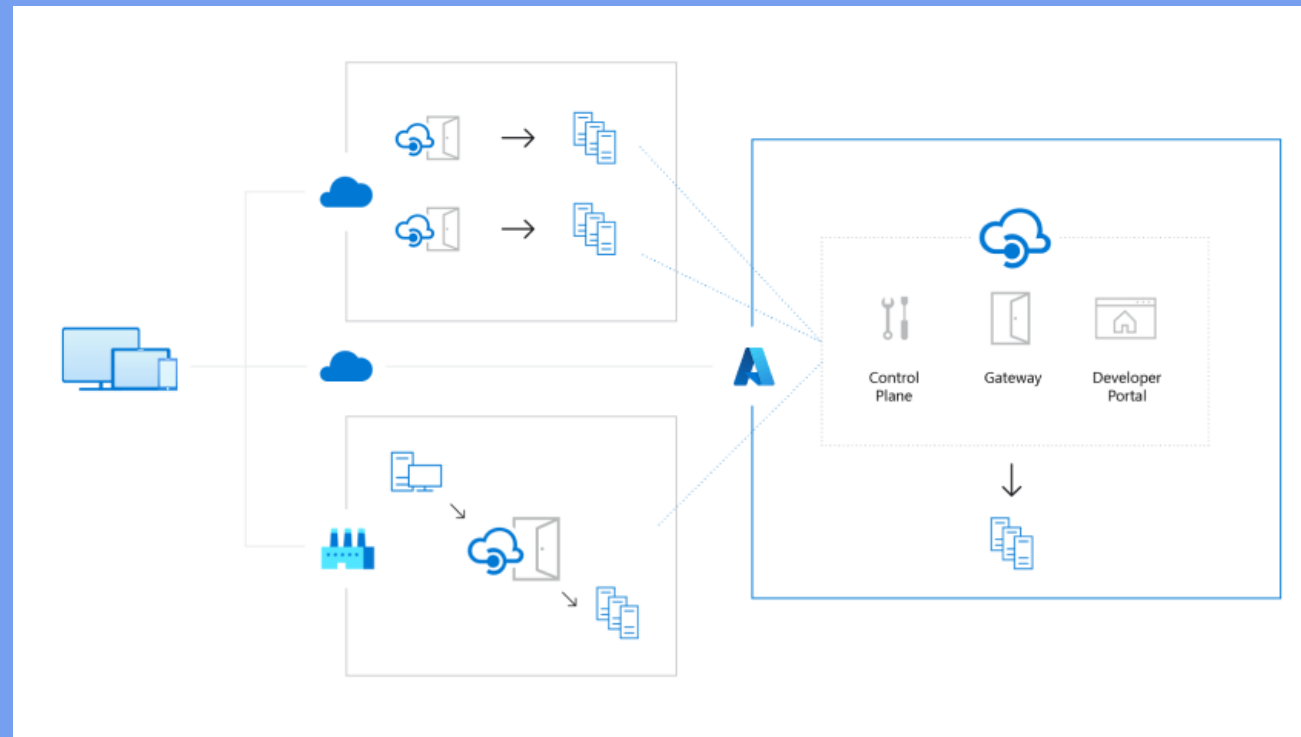
There's small choice
in rotten apples

API Management Offerings



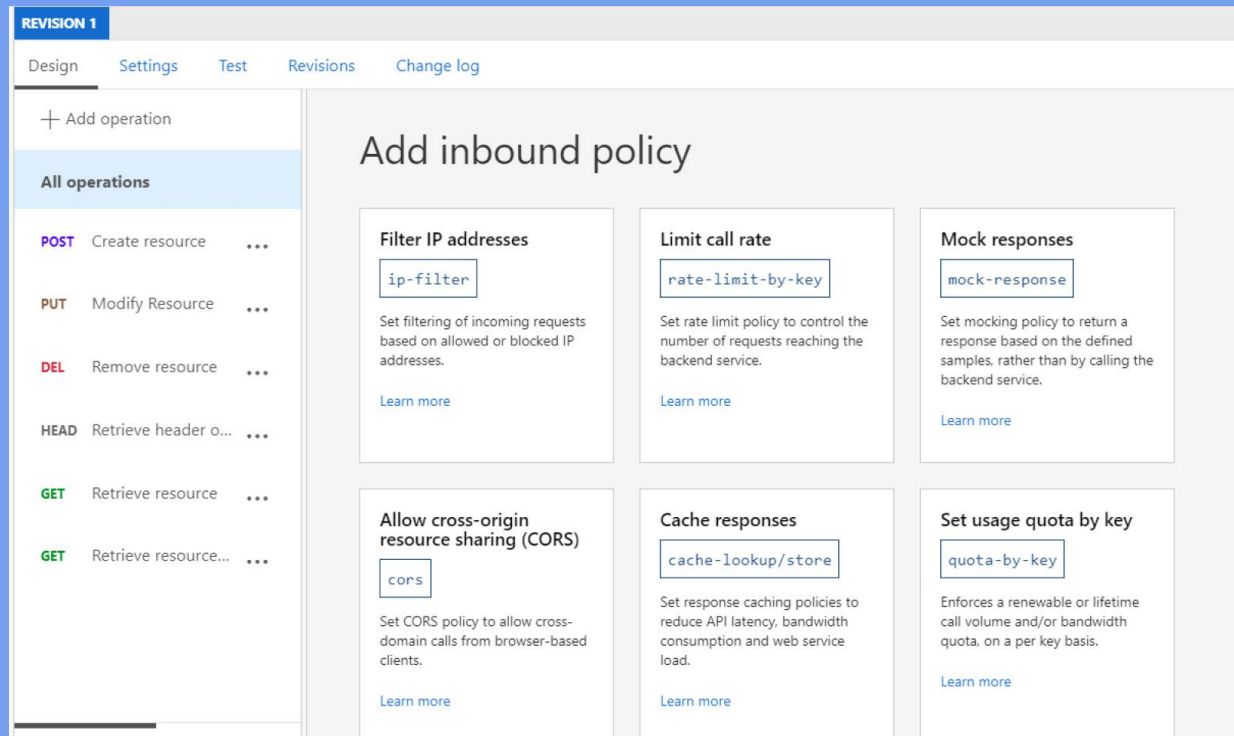
Azure API Management

Manage APIs across clouds and on-premises



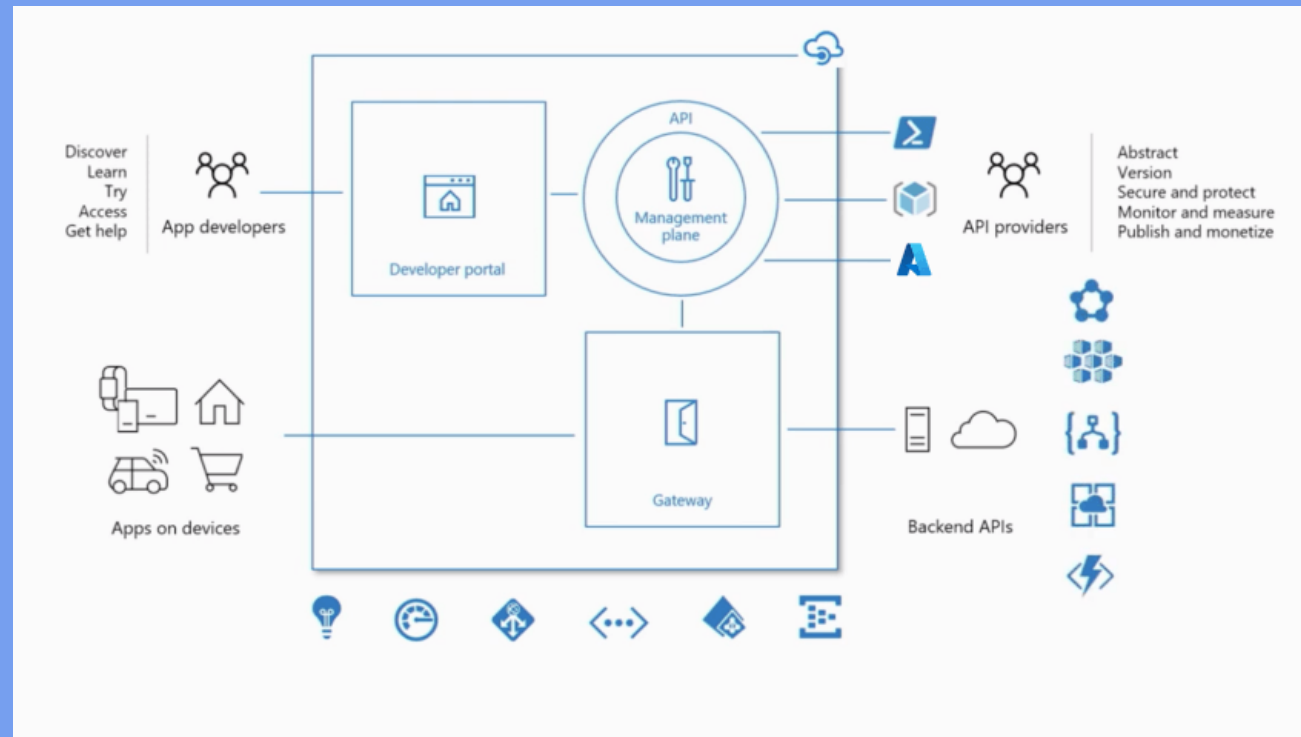
Azure API Management

Help protect your resources



Azure API Management

Accelerate your business



Azure API Management

Improve API discoverability

The screenshot displays the Azure API Management console for a service named 'contoso'. On the left, a sidebar lists several API operations: POST Create resource, PUT Modify Resource, DEL Remove resource, HEAD Retrieve header only, GET Retrieve resource (highlighted), and GET Retrieve resource (cached). The main area shows the 'Echo API' with a 'Retrieve resource' section. It includes a description: 'A demonstration of a GET call on a sample resource. It is handled by an "echo" ba are being returned as received).' Below this, there are tabs for 'Request' and 'Response 200'. The 'Request' tab is active, showing a GET request to 'https://mibudz-portal.developer.azure-api.net/echo/resource'. On the right, a detailed view of the 'Retrieve resource' operation is shown. It includes the method 'GET /resource', a 'Parameters' section with 'id' set to '1', and a 'Headers' section with 'Content-Type' set to 'application/json'. At the bottom right, there are tabs for different client types: HTTP (selected), Curl, C#, Java, JavaScript, and P. The 'HTTP request' section shows the full request details: 'GET https://api.contoso.com/echo/resource?id=1', 'Content-Type: application/json', and 'Ocp-Apim-Trace: true'.

Azure API Management

Transform your existing services

The screenshot displays the Azure API Management console for a service named 'contoso'. On the left, a sidebar lists several API operations: 'POST Create resource', 'PUT Modify Resource', 'DEL Remove resource', 'HEAD Retrieve header only', 'GET Retrieve resource' (which is highlighted), and 'GET Retrieve resource (cached)'. The main area shows the configuration for the 'Echo API'. Under the 'Retrieve resource' section, there is a description: 'A demonstration of a GET call on a sample resource. It is handled by an "echo" ba are being returned as received)'. Below this, a 'Request' tab is active, showing a 'GET' request to 'https://mibudz-portal.developer.azure-api.net/echo/resource'. To the right, a detailed view of the 'Retrieve resource' operation is shown. It includes the method 'GET', the path '/resource', and a parameter 'id' with the value '1'. The 'Headers' section shows 'Content-Type' set to 'application/json'. At the bottom, there are tabs for different client types: 'HTTP', 'Curl', 'C#', 'Java', 'JavaScript', and 'P'. The 'HTTP' tab is selected, showing the 'HTTP request' details: 'GET https://api.contoso.com/echo/resource?id=1', 'Content-Type: application/json', and 'Ocp-Apim-Trace: true'.

Azure API Management

Transform your existing services

The screenshot shows the 'contoso - Subscriptions' page in the Azure API Management console. The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, API Management, Quickstart, APIs, Products, Named values, Tags, Analytics, Users, Subscriptions (selected), Groups, Notifications, Notification templates, and Issues. The main content area displays a table of subscriptions with columns: DISPLAY NAME, PRIMARY KEY, SECONDARY KEY, SCOPE, STATE, OWNER, and ALLOW TRACING. The table lists several subscriptions, including 'My subscription key', 'Starter', 'Built-in all-access sub...', and 'API Petstore subscrip...'. Each row shows the corresponding keys, scope, state, owner, and whether tracing is allowed.

DISPLAY NAME	PRIMARY KEY	SECONDARY KEY	SCOPE	STATE	OWNER	ALLOW TRACING
My subscription key	*****	*****	Product: Starter	Active	Administrator	✓
	*****	*****	Product: Platinum	Active	Administrator	✓
	*****	*****	Product: Trial	Active	Administrator	✓
Starter	*****	*****	Product: Starter	Active	John Doe	
Built-in all-access sub...	*****	*****	Service	Active		✓
	*****	*****	Product: Public	Active	Administrator	✓
API Petstore subscrip...	*****	*****	API: Petstore	Active		

Tiers & Pricing

Basic

Standard

Premium

Developer

Consumption

Isolated

Tiers & Pricing

	Consumption	Developer	Basic	Standard	Premium	Isolated
Price	\$0.035/10k	\$48.04	\$147.17	\$686.72	\$2795.17	TBA
Cache	External Only	10-Mb	50-Mb	1-Gb	5-Gb	5-Gb
Scale-Out	N/A	1	2	4	12/region	12/region
SLA	99.95%	No	99.95%	99.95%	99.99%	99.99%
Isolation	Shared	Private	Private	Private	Private	Private
Developer Portal	No	Yes	Yes	Yes	Yes	Yes
Azure AD Integration	No	Yes	No	Yes	Yes	Yes
Virtual Network	No	Yes	No	No	Yes	Yes
Multi-Region Deployment	No	No	No	No	Yes	Yes
Self-Hosted Gateway	No	Yes	No	No	Yes	Yes
Max Throughput	N/A	500	1,000	2,500	4,000	4,000
Compute Isolation	No	No	No	No	No	Yes



‘Tis hatched, and shall be so.

API Management Demonstration

Better once than
never, for never
too late.



Questions?

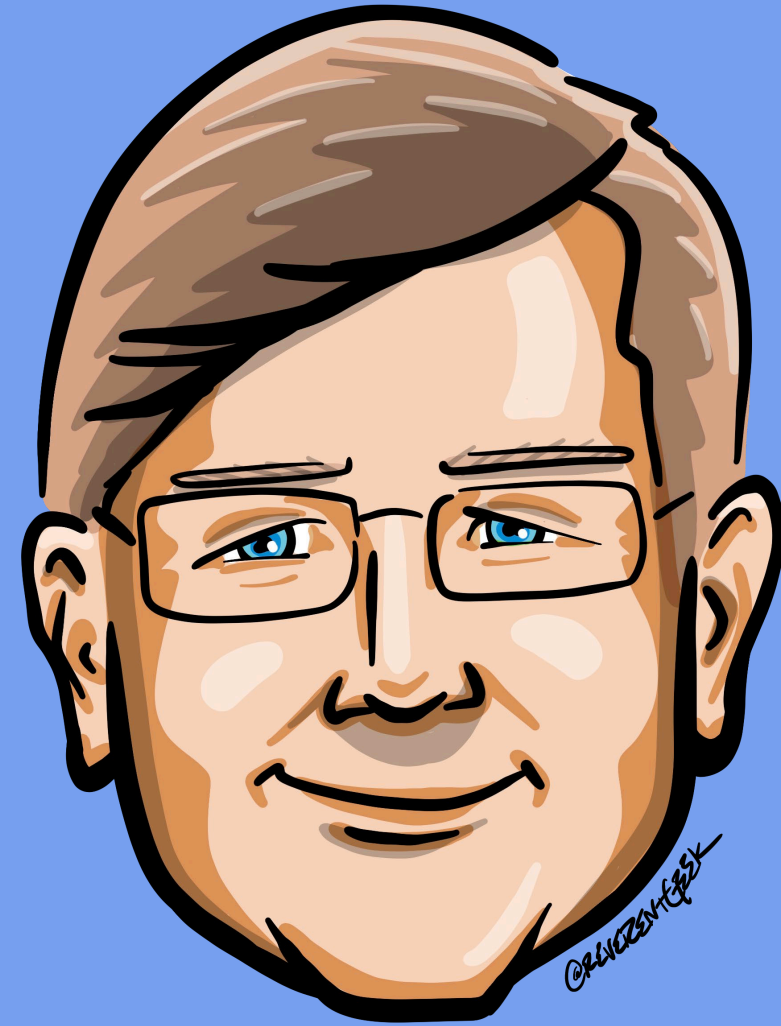
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🌐 ChadwickEGreen





Thank you!