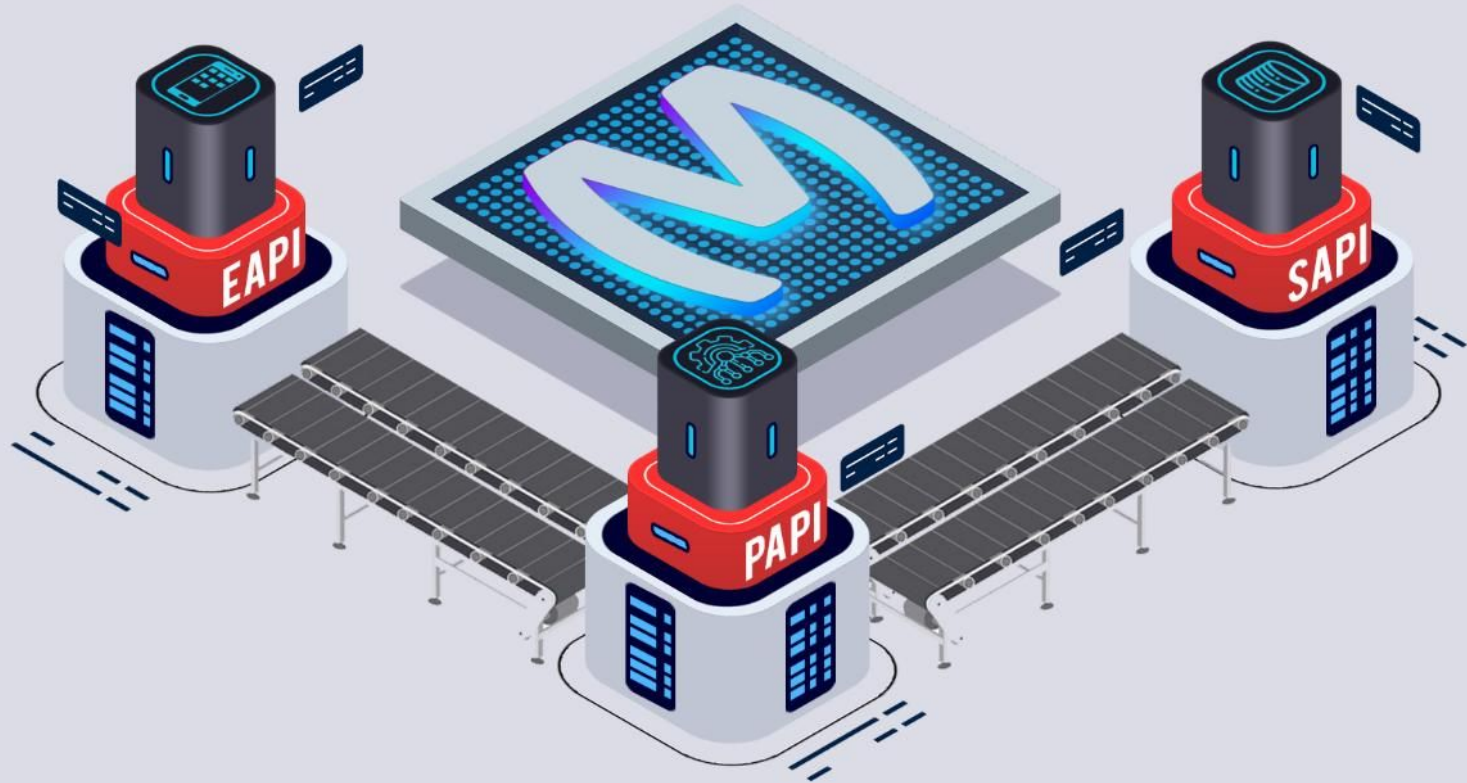


Mulesoft do ZERO ao DEVELOPER



Agenda

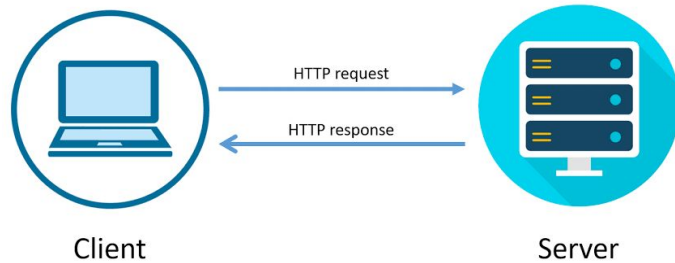
- Requisição HTTP
- Métodos HTTP mais comuns
- Registrando em Anypoint Platform
- Design Center - Minha primeira especificação
- Exchange - Compartilhando Assets (produtos)
- Importando especificação em Anypoint Studio
- Testando com Postman



Blog - <https://cleyversoncosta.com.br/mulesoft>

LinkedIn - <https://linkedin.com/in/cleyversoncosta>

Requisição HTTP



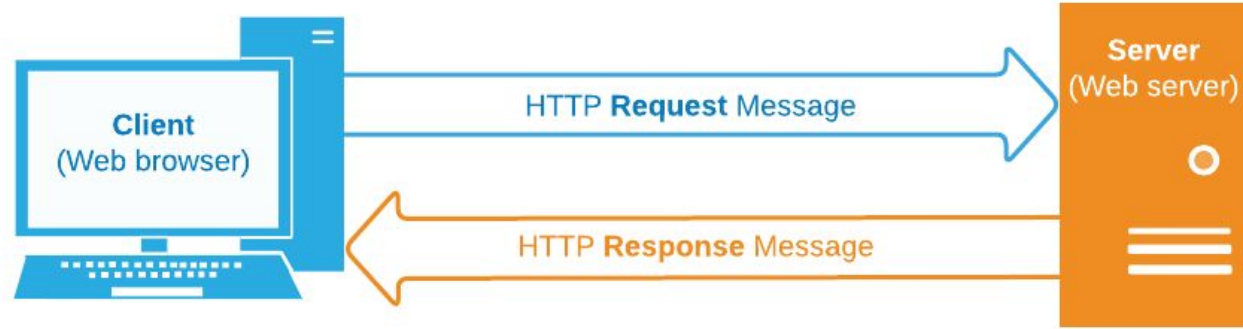
```
C:\Users\crnag>tracert 8.8.8.8
```

```
Tracing route to dns.google [8.8.8.8]  
over a maximum of 30 hops:
```

Hop	Source	Destination	IP Address	
1	1 ms	2 ms	<1 ms	192.168.100.1
2	4 ms	5 ms	2 ms	free-243-5.mediaworksit.net [178.253.243.5]
3	14 ms	5 ms	8 ms	free-243-1.mediaworksit.net [178.253.243.1]
4	15 ms	3 ms	9 ms	10.254.255.45
5	8 ms	5 ms	9 ms	10.254.255.42
6	14 ms	22 ms	23 ms	google.sox.rs [185.1.27.60]
7	15 ms	14 ms	13 ms	108.170.250.177
8	14 ms	12 ms	7 ms	142.251.52.83
9	16 ms	26 ms	10 ms	dns.google [8.8.8.8]


```
Trace complete.
```

Métodos HTTP mais comuns




Create	→	POST
Read	→	GET
Update	→	PUT
Delete	→	DELETE

Registrando em Anypoint Platform



Sign up for Anypoint Platform

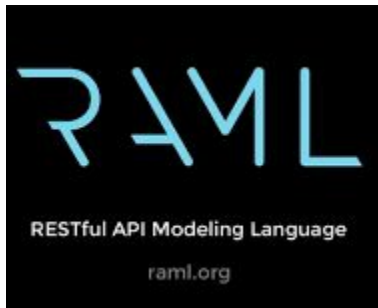
☐ Não sou um robô 
reCAPTCHA
Privacidade • Termos

☐ I agree to MuleSoft's [terms of service](#) and [privacy policy](#).

Accept and create account

Thousands of enterprises use Anypoint Platform to connect their apps, data, and devices

Design Center - Minha primeira especificação



Anypoint API Designer

← Banking API | master

Files + :

- > datatypes
- > documentation
- > examples
- > exchange_modules
- > extensions
- > libraries
- > overlays
- > resourceTypes
- > securitySchemes
- > traits
- ibot-acme-banking-api.raml

```
1 version: v1
2 baseUrl: http://mocksvc.mulesoft.com/mocks/9545b964-9717-4b6a-bb4e-1bf45626719
3 title: IBOT-ACME Banking API
4 mediaType: application/json
5
6
7
8 documentation:
9   - !include documentation/acmeBankDoc.raml
10  - !include documentation/acmeBankHeadline.raml
11
12
13 types:
14   Account: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
15   AccountOwner: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
16   Address: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
17   Bank: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
18   CustomErrorMessage: !include datatypes/CustomErrorMessage.raml
19   Customer: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
20   Money: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
21   Transaction: !include exchange_modules/3cbb9f3-c66b-4187-97cf-f07ee5f66c13/ibot-bank
22
23 resourceTypes:
24   collection: !include resourceTypes/collection.raml
25   member: !include resourceTypes/member.raml
26   stateSpecific: !include resourceTypes/stateSpecificResourceTypes.raml
27
28 uses:
29   Traits: libraries/traitsLibrary.raml
30
31 securitySchemes:
32   customTokenSecurity: !include securitySchemes/customTokenSecurity.raml
33   oauth2_0: !include exchange_modules/68ef9520-24e9-4cf2-b2f5-620025690913/training-oauth2-security-scheme/1.0.1
34
35 securedBy: customTokenSecurity
36 /customers:
37   type:
38     collection:
39       customErrorDataType: CustomErrorMessage
40     post:
41       get:
42         description: Retrieve a list of customers
43         displayName: Get all customers
44         is:
45           - Traits.cacheable -Traits.cacheable
46           - Traits.hasAcceptHeader: customErrorDataType: CustomErrorMessage
47         responses:
48           200:
49             application/json:
50               type: Customer
```

mocking service X

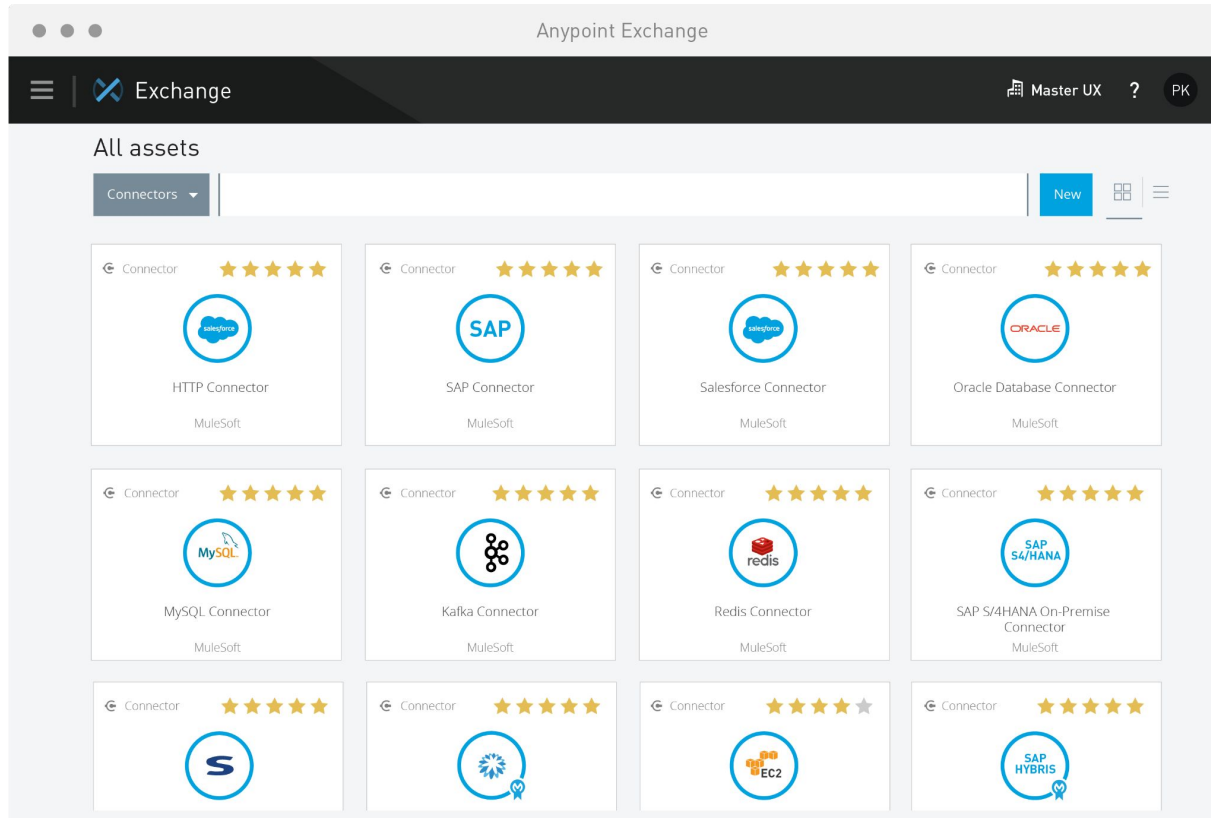
API summary

- Documentation
 - ACEM Banking API Home
 - Acme Bank Headline
- > Types
- > Resources
 - > /customers
 - POST Add new customer
 - GET Get all customers
 - > /(customer_id)
 - > /accounts
 - > /(accounts_id)
 - > /status
 - GET
 - DELETE
 - > /transactions
 - POST Add new transaction
 - > /(transactions_id)

Others Schemas Types & Traits Security Docs Parameters Root

- uses
- schemas
- traits
- securitySchemes
- description
- baseUriParameters
- protocols
- types
- resourceTypes
- documentation
- annotation Types

Exchange - Compartilhando Assets (produtos)



Importando especificação em Anypoint Studio

The screenshot displays the Anypoint Studio interface with the following components:

- Package Explorer:** Located on the left, showing a hierarchical view of the project's packages.
- studio performance:** A tab at the top of the main workspace.
- Message Flow Design:** The central workspace showing three message flows:
 - Salesforce:** A flow starting with a 'Query SFDC Query' source, followed by 'Transform Message POJO to CSV', 'Logger Log Separatro', and 'Logger PAYLOAD'.
 - Email:** A flow starting with a 'Transform Message Email message' source, followed by 'Logger PAYLOAD' and 'Send Email'.
 - wsc:** A flow starting with a 'Transform Message Email message' source, followed by 'Logger PAYLOAD' and 'Send Email'.
- Mule Palette:** Located on the right, containing various modules and components for building the message flow, such as 'Add Module', 'Batch', 'Core', 'Email', 'HTTP', 'ObjectStore', 'Salesforce', 'Web Service Consumer', 'Batch Aggregator', 'Batch Job', 'Batch Step', 'Custom Business Event', 'Flow Reference', 'Logger', 'Parse Template', 'Transform Message', 'Scheduler', 'Error Handler', 'On Error Continue', and 'On Error Propagate'.
- Outline:** A panel on the bottom left showing a tree view of the message flow elements.
- MUnit:** A panel on the bottom left showing the configuration for the 'Send Email' component.
- Problems:** A panel on the bottom right showing a message: 'Script cannot be validated, please verify your project'.
- Configuration Panels:** The 'Send Email' component is selected, showing its configuration in the 'General' tab, including 'Display Names' (Send Email), 'Basic Settings' (Connector configuration: Email_SMTP), and 'Settings' (From address, To addresses).
- Input/Output:** A panel on the bottom right showing the 'input' and 'output' sections, including 'Mule Message', 'Payload', 'Attributes', and 'Variables'.

Testando com Postman



Mulesoft do ZERO ao DEVELOPER

