

API:

Dados e Resultados | Simplificando a interface
com APIs com solução **ETL**

01

INTRODUÇÃO

02

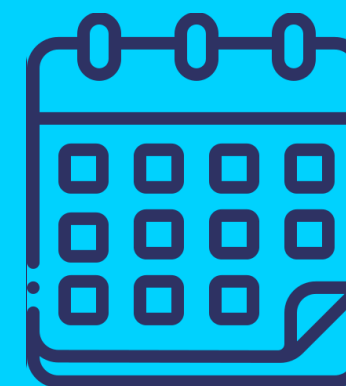
API: CONTEXTO

03

TRANSFORMERS

04

EXEMPLO PRÁTICO: DOG'S API



AGENDA



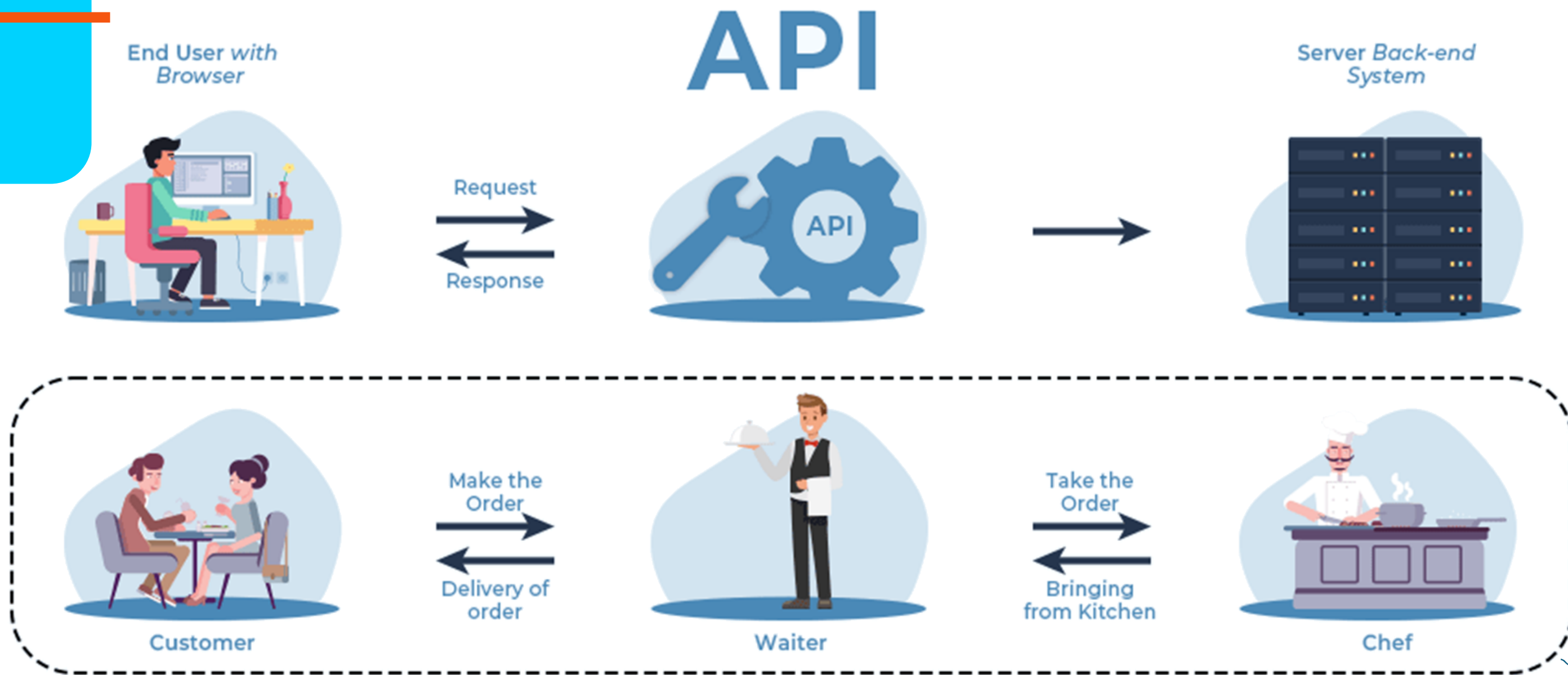
Prazer,

Thiago Brigagão

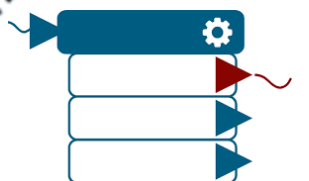
Sou apaixonado por tecnologias há 17 anos, e minha jornada profissional começou com um simples desejo de ajudar as pessoas através do suporte técnico. Desde então, essa paixão me levou a uma evolução constante, direcionada ao desenvolvimento de software e aplicativos com diversas linguagens, como Delphi, PHP, Python e C#.



CONTEXTO

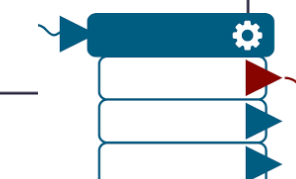


Fonte: <https://www.geeksforgeeks.org/what-is-an-api/>



CONTEXTO

HTTP Method	CRUD	Collection Resource (e.g. /users)	Single Resource (e.g. /users/123)
POST	Create	201 (Created), 'Location' header with link to /users/{id} containing new ID	Avoid using POST on a single resource
GET	Read	200 (OK), list of users. Use pagination, sorting, and filtering to navigate big lists	200 (OK), single user. 404 (Not Found), if ID not found or invalid
PUT	Update/Replace	405 (Method not allowed), unless you want to update every resource in the entire collection of resource	200 (OK) or 204 (No Content). Use 404 (Not Found), if ID is not found or invalid
PATCH	Partial Update/Modify	405 (Method not allowed), unless you want to modify the collection itself	200 (OK) or 204 (No Content). Use 404 (Not Found), if ID is not found or invalid
DELETE	Delete	405 (Method not allowed), unless you want to delete the whole collection — use with caution	200 (OK). 404 (Not Found), if ID not found or invalid



CONTEXTO



The Dog API

Images. Breeds. Facts.

Get instant, free access to tens of thousands of cats. No bank details needed

Email:

App description:

Describe your app in at least 8 characters

What type of project will you use the API for?

- ☐ Personal Project
- ☐ School/University Project
- ☐ Business/Use Project

☐ I would like to receive occasional emails about new features and updates

SUBMIT



The Dog API

Dogs as a service.

Because everyday is a Dog day.

An API all about dog.

60k+ Images. Breeds. Facts.

GET YOUR API KEY

READ OUR GUIDES

PRICING

DOCUMENTATION

MORE APIS

SHOWCASE



Voting



Breeds



Favs

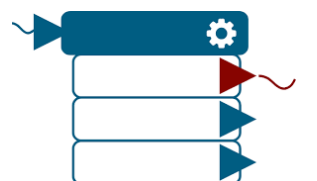
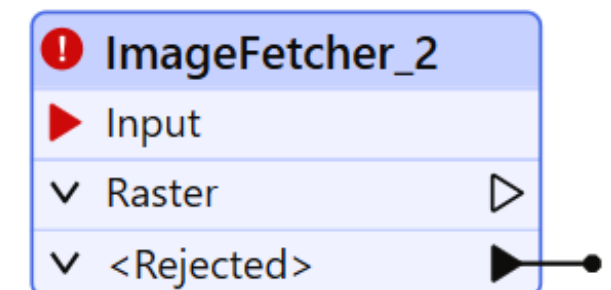
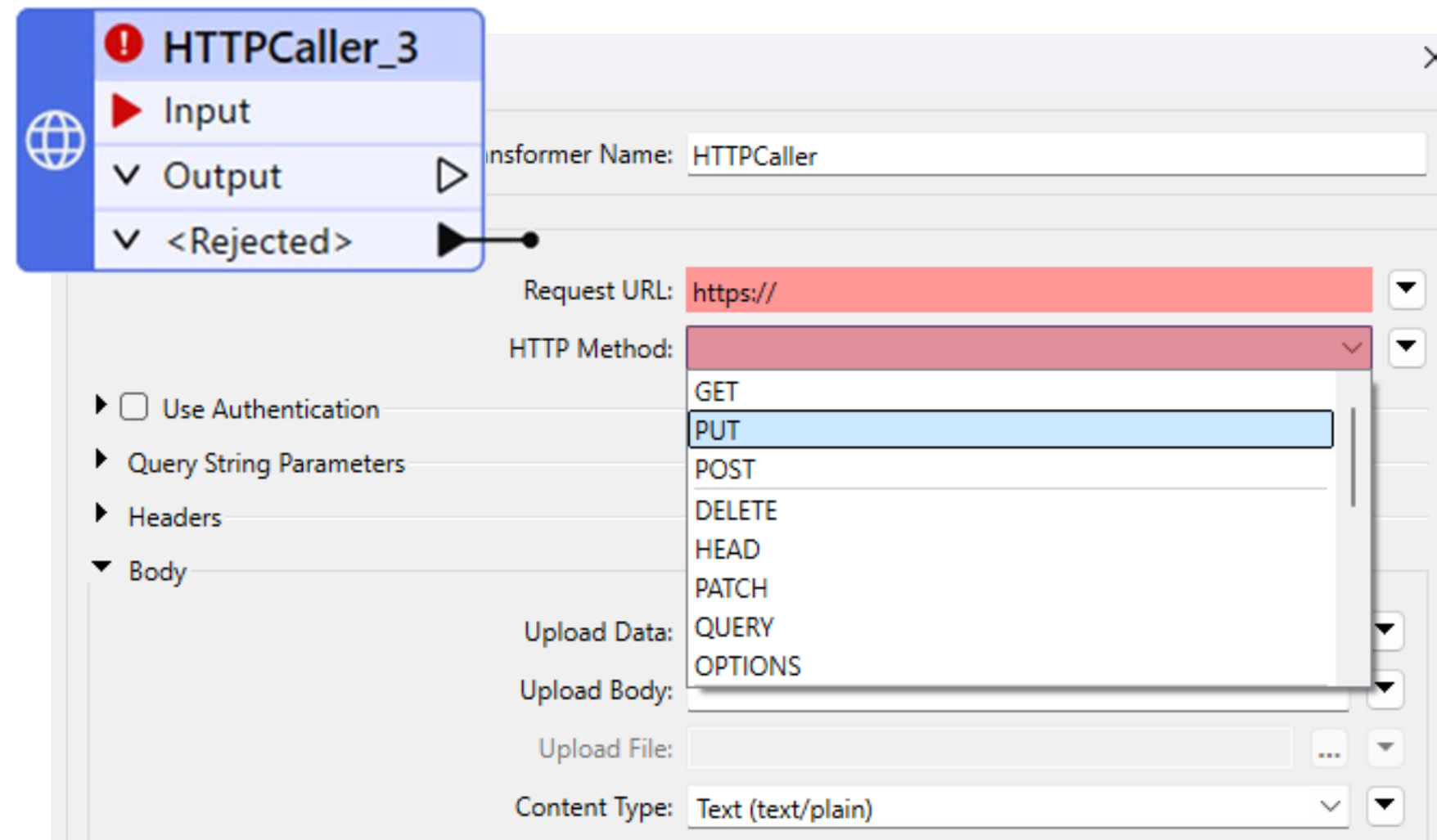
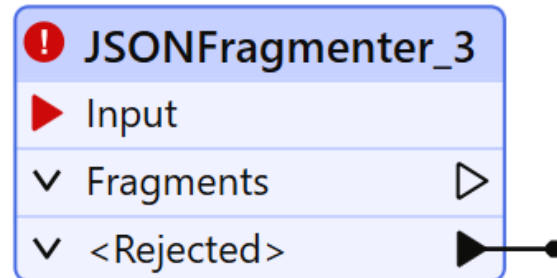


```
const headers = new Headers({
  "Content-Type": "application/json",
  "x-api-key": "DEMO-API-KEY"
});

var requestOptions = {
```

Get dogs with a few lines of code

TRANSFORMERS

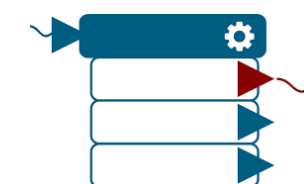




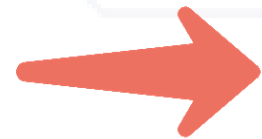
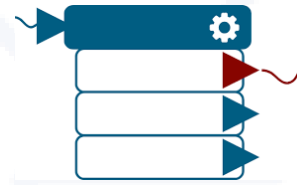
The Dog API

OBJETIVO: Introdução a consumo de Rest API

TRANSFORMER: HTTPCaller & JsonFragmenter



RESULTADOS



id
url
name
country_code
bred_for
breed_group
life_span
temperament
reference_image_id



OBRIGADO!



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