

# Ruby on Rails 5.x

*Do início ao fim!*

# **Rotas e REST**

# HTTP

Protocolo padrão de acesso a Internet

# HTTP - Verbos

GET / POST

# Verbos

- **GET:** Usado quando digitamos diretamente a URL no navegador
- **POST:** Usado por formulários da Web (dados enviados por 'debaixo dos panos')

# Verbos

- E para apagar? **GET** ou **POST**?

The background features a complex arrangement of overlapping geometric shapes in various shades of gray, from light to dark. These shapes include triangles, polygons, and curved forms that create a sense of depth and movement. The word "REST" is centered in a bold, dark red font, providing a strong contrast against the lighter background elements.

**REST**

# REST

- Representational State Transfer
- Transferência de Estado Representacional
- 2000 - Roy Fielding
- Idealizou que o HTTP deveria ter 1 verbo para cada uma das ações do CRUD



# REST



CREATE

C



READ

R



UPDATE

U



DELETE

D

# REST

HTTP/ REST	CRUD	SQL
POST	Create	INSERT
GET	Retrieve	SELECT
PUT	Update	UPDATE
DELETE	Delete	DELETE

The background features a complex arrangement of overlapping geometric shapes in various shades of gray. A large, light-gray shape on the right side resembles a gear or a stylized letter 'C' with several white, pill-shaped cutouts. Other angular shapes in darker and lighter grays are scattered across the left and top portions of the frame.

**Recurso**

# Recurso

## Moeda

HTTP/ REST	CRUD	SQL
POST	Create	INSERT
GET	Retrieve	SELECT
PUT	Update	UPDATE
DELETE	Delete	DELETE

# Recurso

- Veja o mapeamento das rotas do Rails
  - `http://guides.rubyonrails.org/routing.html#crud-verbs-and-actions`

# Recurso

`http://localhost:3000/rails/info/routes`

The background features a complex geometric design. On the left, there are several overlapping triangles in shades of gray and white. A large, light gray shape resembling a stylized globe or a series of connected dots is positioned on the right side. The word "Rotas" is centered in a bold, dark red font.

**Rotas**

# Rotas

- Vamos começar fazendo o mapeamento da rota padrão.
- O arquivo do Rails que faz o mapeamento das rotas é o **config/routes.rb**



# Rotas

- Para fazermos o mapeamento padrão devemos usar a instrução **root to:**
  - `root to: "welcome#index"`
- Documentação:
  - `http://guides.rubyonrails.org/routing.html#using-root`

# Aprenda mais sobre REST!

<https://www.videosdeti.com.br/restful-apis.html>