Rails Girls Rome

♥ Welcome, developers ♥
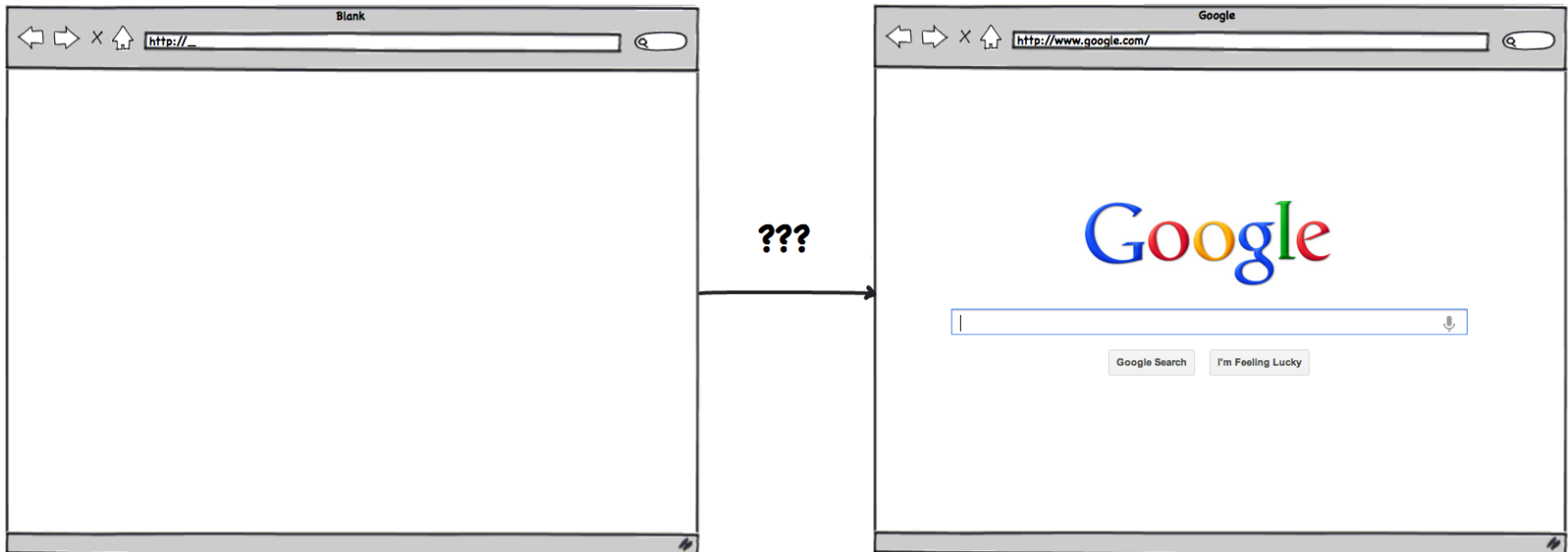
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Outline

- The **Internet** - does it run on paper?!

- The **Rails Girls Engine**

- **Ruby** & **Rails** - building the app

- **GitHub** - saving the app for posterity

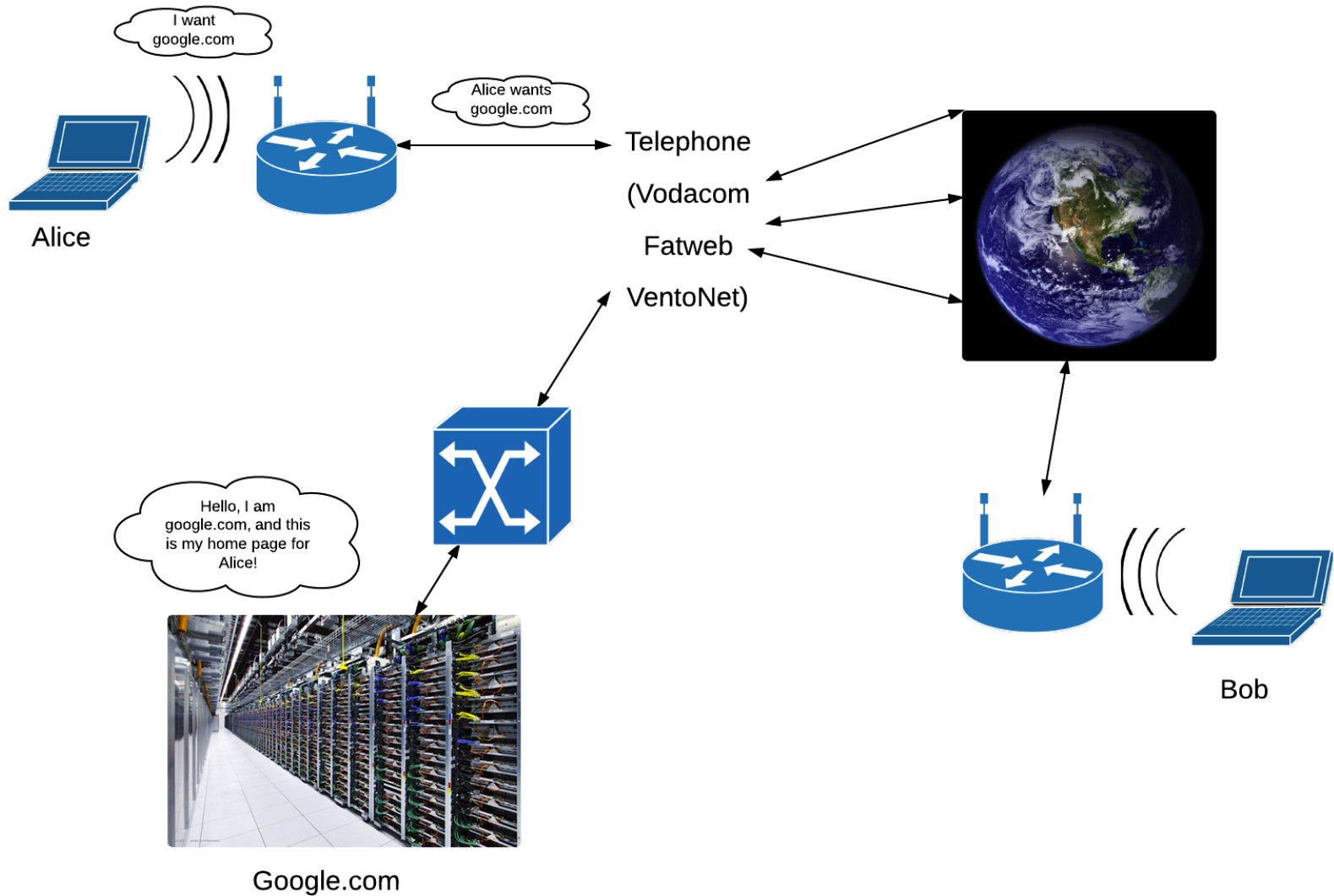- **Heroku** - putting the app live on the Internet

The Internet - Why

- A global network spanning the planet, made up of billions of devices
  - Computers, Mobile phones, Cameras
  - Fridges & Washing machines (coming soon)

- What you use mostly: the "World Wide Web"
  - Born at CERN in the '80s
  - Exploded from a thousand users to 3 billion+

- A global communication and collaboration tool that's widening our world view and fostering a new economy in the process
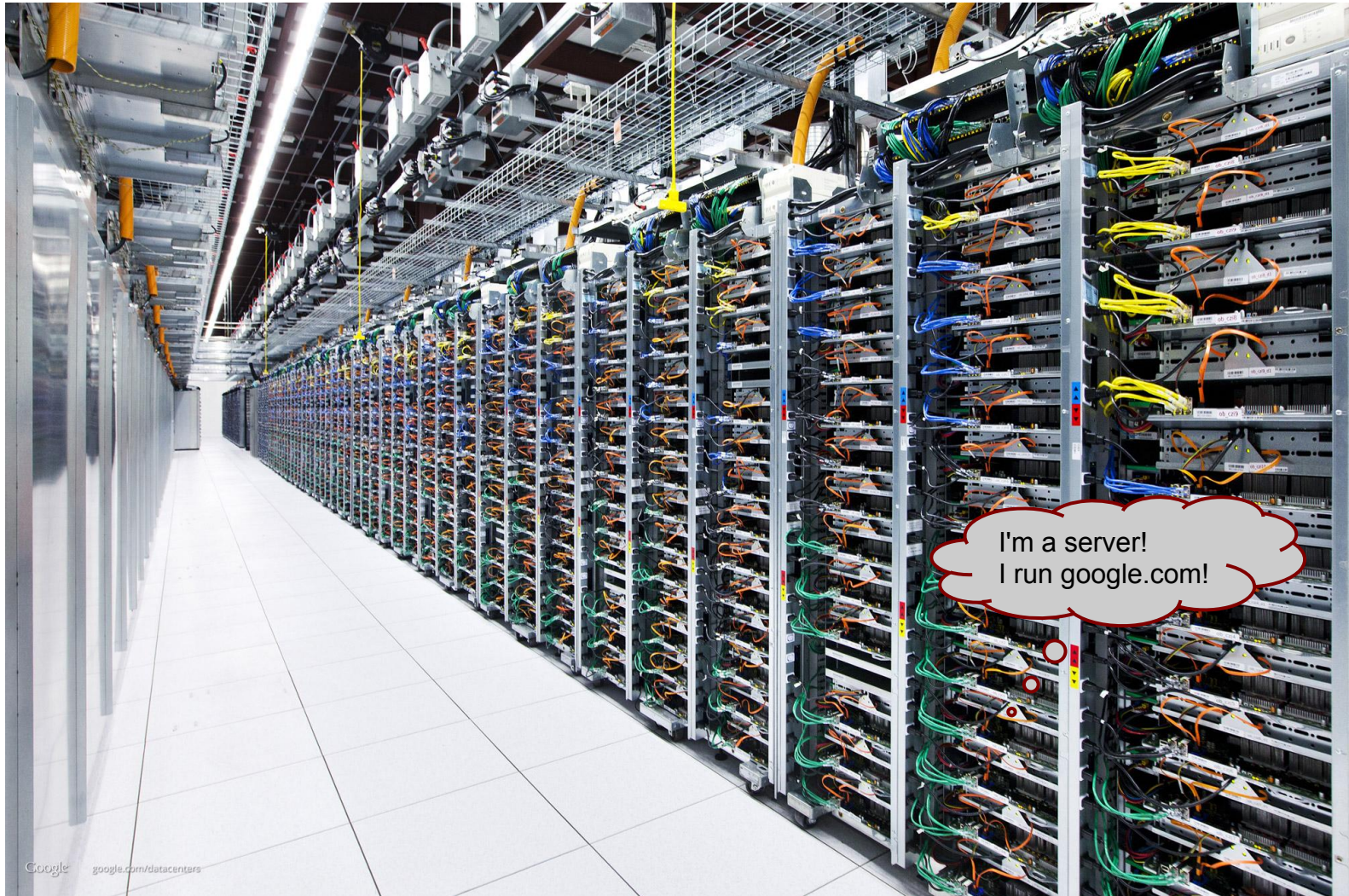
The Internet - what you see
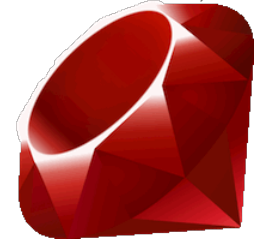
The Internet - how

A datacenter

The Rails Engine

- **YOUR** server running on **YOUR** computer

- We call this server

  `localhost:3000`

- You build an application on it

- `localhost:3000` runs the app just for you

- You can play with it ♥

Ruby...

- Ruby is a **programming language**

- It tells the computer **what to do**

- Ruby is designed for **humans**

- ```
  >> 2 + 2
  => 4
  ```

- ```
  >> name = "alice"
  >> "hello, " + name
  => "hello, alice"
  ```

- ♥

...on Rails

- Rails is a **web framework** for Ruby

- It helps you build **web applications**

- Rails is designed for **productivity**

- Web apps are composed of many pieces

- In Rails many of them are ready for use

- Bentobox talk on this!

GitHub

- So we want to write Ruby on Rails code

- You seldom work alone. You are in a team.

- How do we share the code with the team?

  GitHub!

- Shared folders are not a good idea
  (ask me why!)

Heroku

- You have your app on `localhost:3000`

  it was **easy**, wasn't it? :-)
- But, only you, Alice, can see **localhost:3000**
- If you want Bob to see your app, you need to put it on a real internet server, but it **is hard**
- We offload the burden to **Heroku**
- If we send our app to Heroku, it'll run it for us and make it accessible to Bob and John and James and everybody else! :-)

Thank you!

Questions?

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