

# Push Technology with Rails and node.js

Let's move backward first

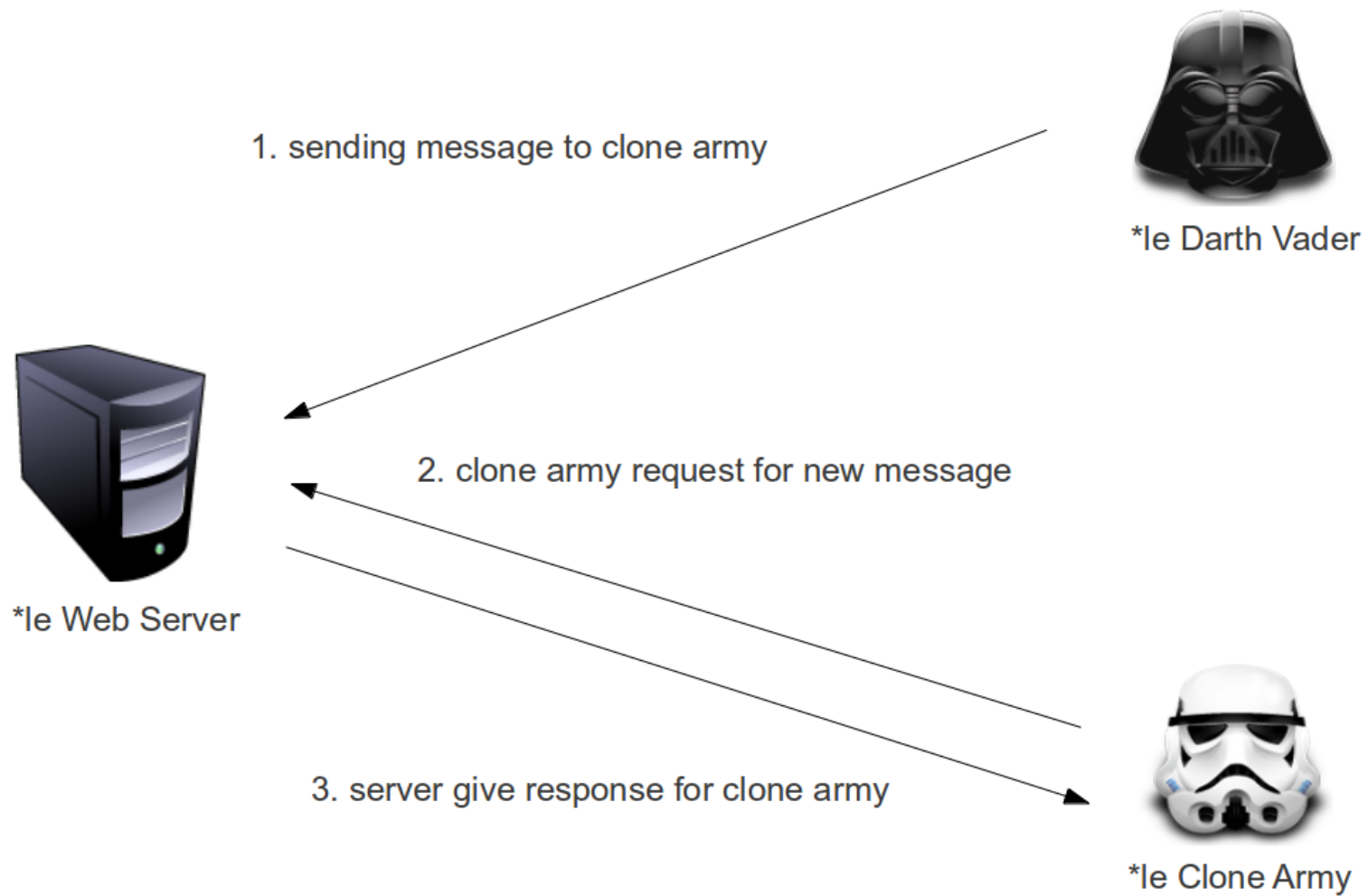
Did you remember Pull Technology ?  
Or you never heard them?

Let me refreshing it for you ...

# What is Pull Technology

Pull coding or client pull is a style of network communication where the initial request for data originates from the client, and then is responded to by the server

# Pull process



# Disadvantages of Pull Technology

- not real time
- need more resource for browser

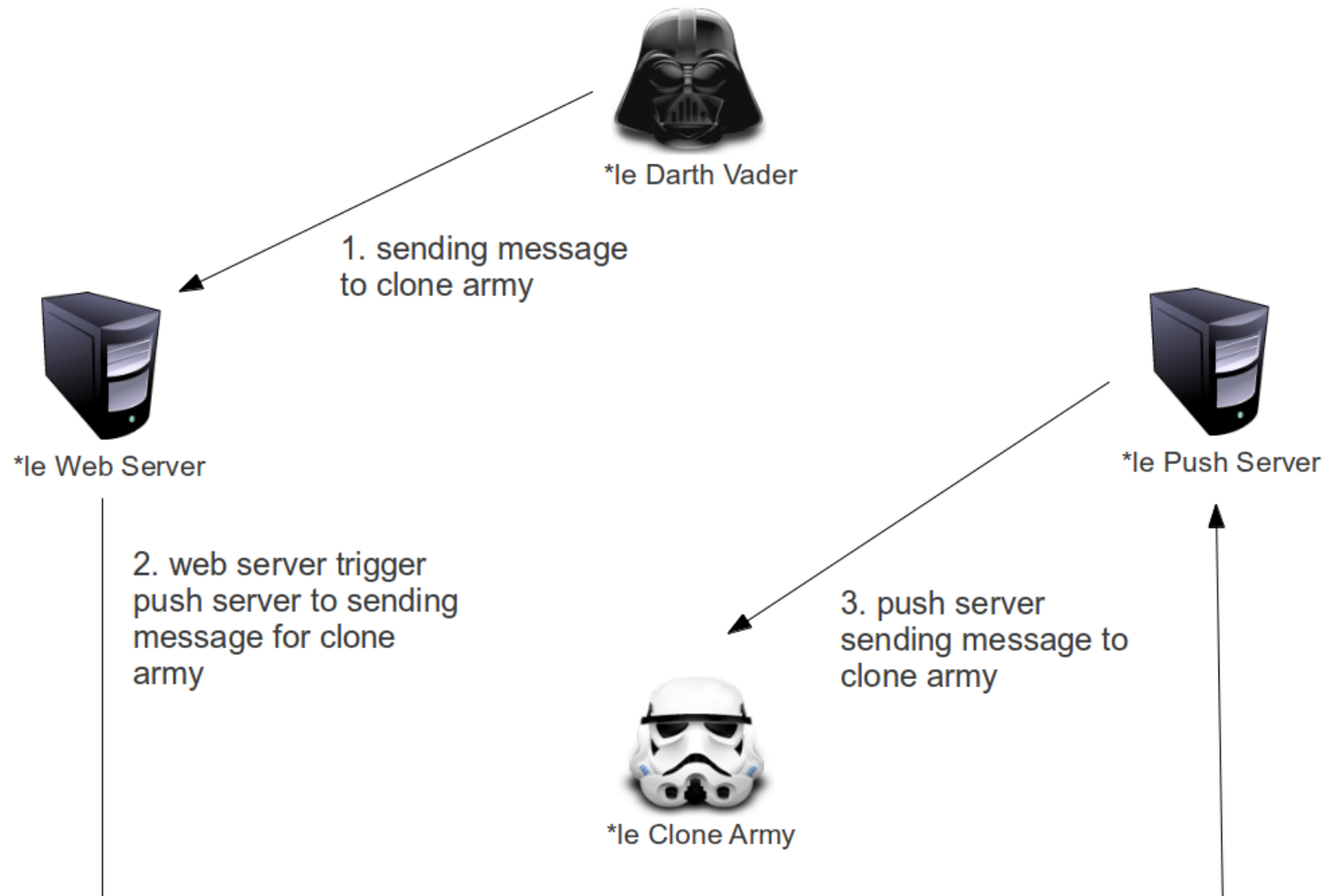
Meet push technology



# Push Technology

Push, or server push, describes a style of Internet-based communication where the request for a given transaction is initiated by the publisher or central server. It is contrasted with pull, where the request for the transmission of information is initiated by the receiver or client.

# Push Process





# Advantages of push technology

- Real time data
- No need more resource

# node.js

Node.js is a platform built on Chrome's JavaScript runtime for easily building fast, scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

how to use it with rails

It's simple

# You need these stuff ...

- rails installed
- nodejs with npm installed
- juggernaut npm and gem

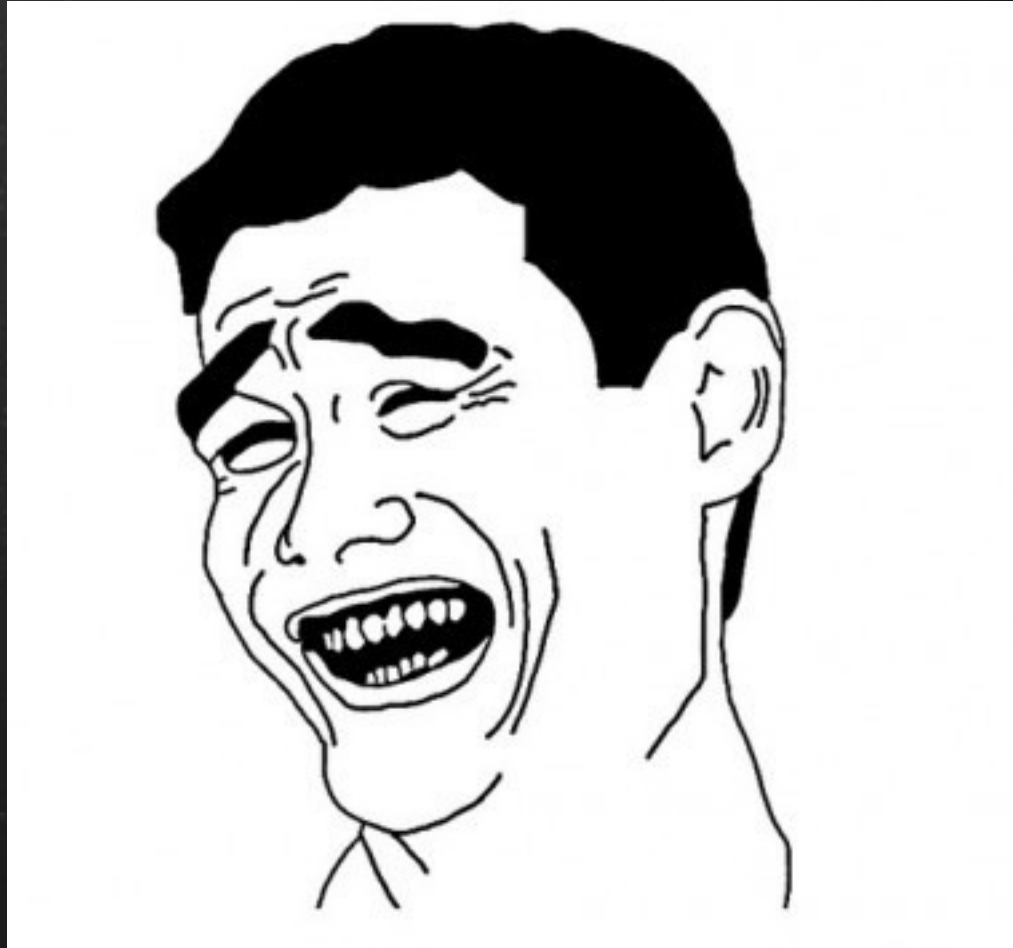
# Juggernaut

Juggernaut gives you a realtime connection between your servers and client browsers. You can literally push data to clients using your web application, which lets you do awesome things like multiplayer gaming, chat, group collaboration and more.

The source code



# Questions ?



Thank you

