

Nodemy

# Node.js Backend Development

Nhữ Bảo Vũ



[github.com/vunb](https://github.com/vunb)

[blog.vndemy.com](https://blog.vndemy.com)

[edumall.vn/users/vunb](https://edumall.vn/users/vunb)

# Agenda

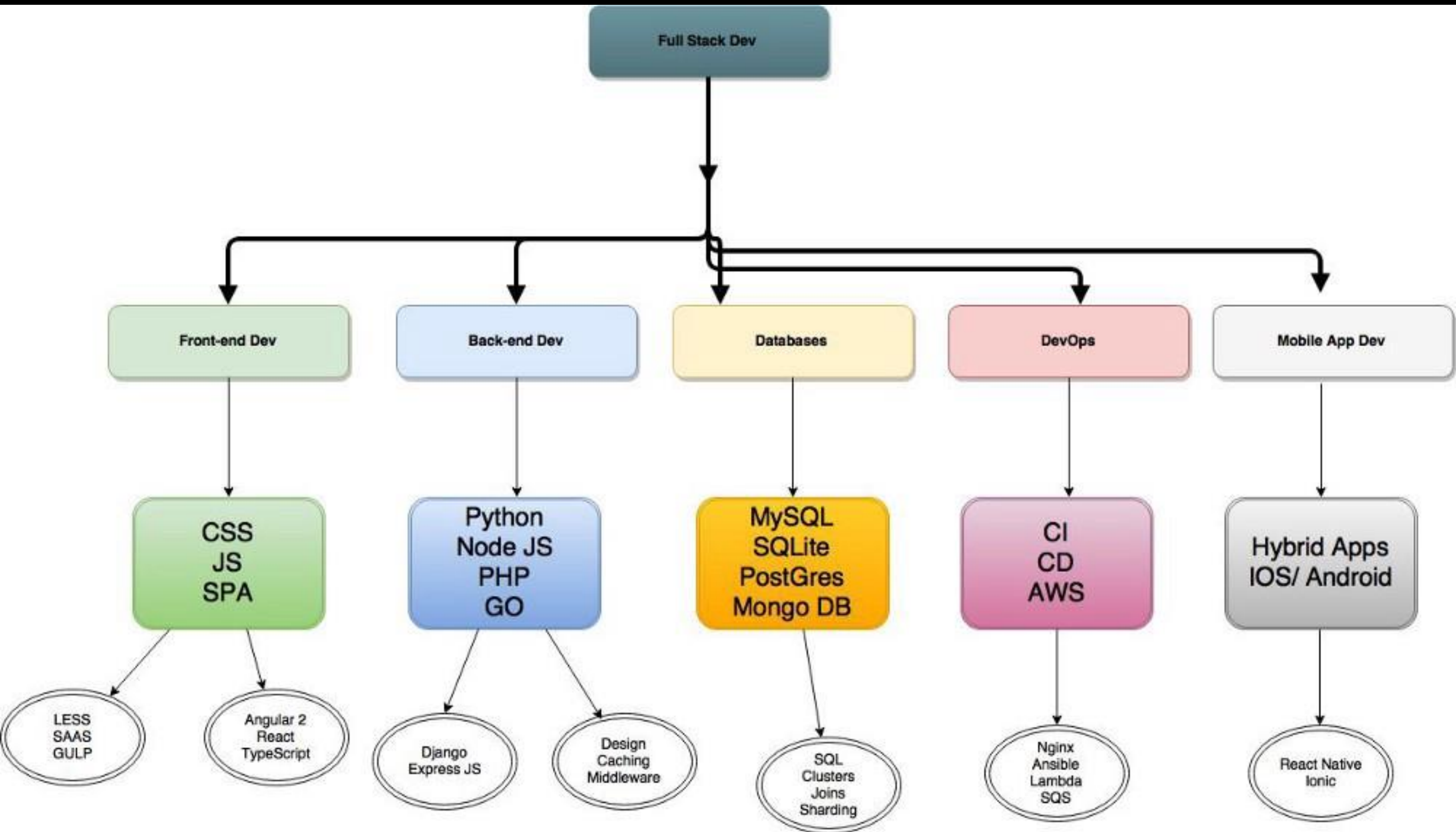
- Giới thiệu về khóa học Backend
- Quy ước và cách thức học tập?
- Công cụ, môi trường lập trình
- JavaScript căn bản: ES6, ES7, ES8
- Khởi tạo dự án

# Lập trình Backend?

Là gì??? Làm gì? Ưu nhược điểm?

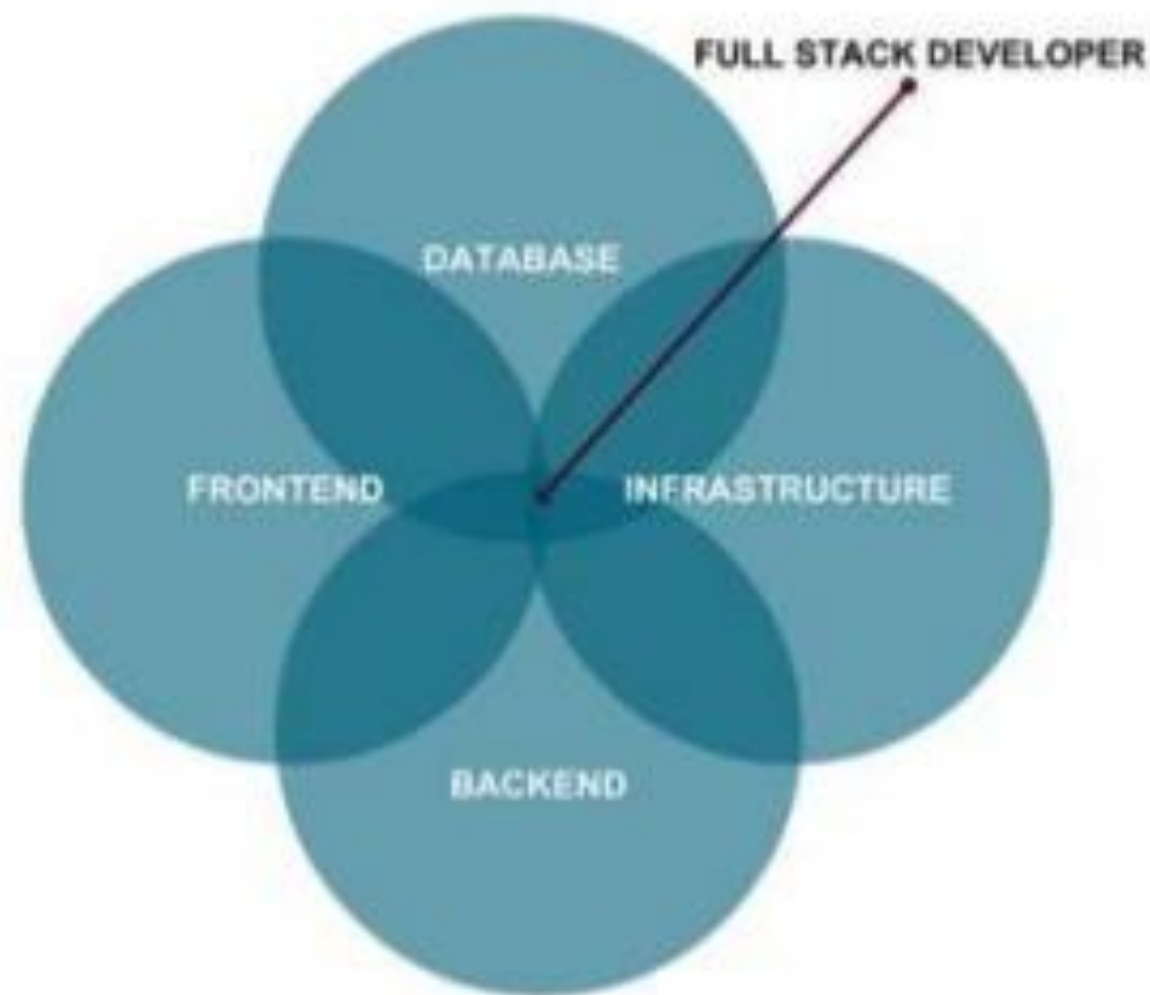
# Backend developers

- Programming languages!
- Development frameworks and third-party libraries!
- Self-requirements, communication, skills, ..!
- Database and cache ?
- Front-end technology ?
- Basic design ability ?

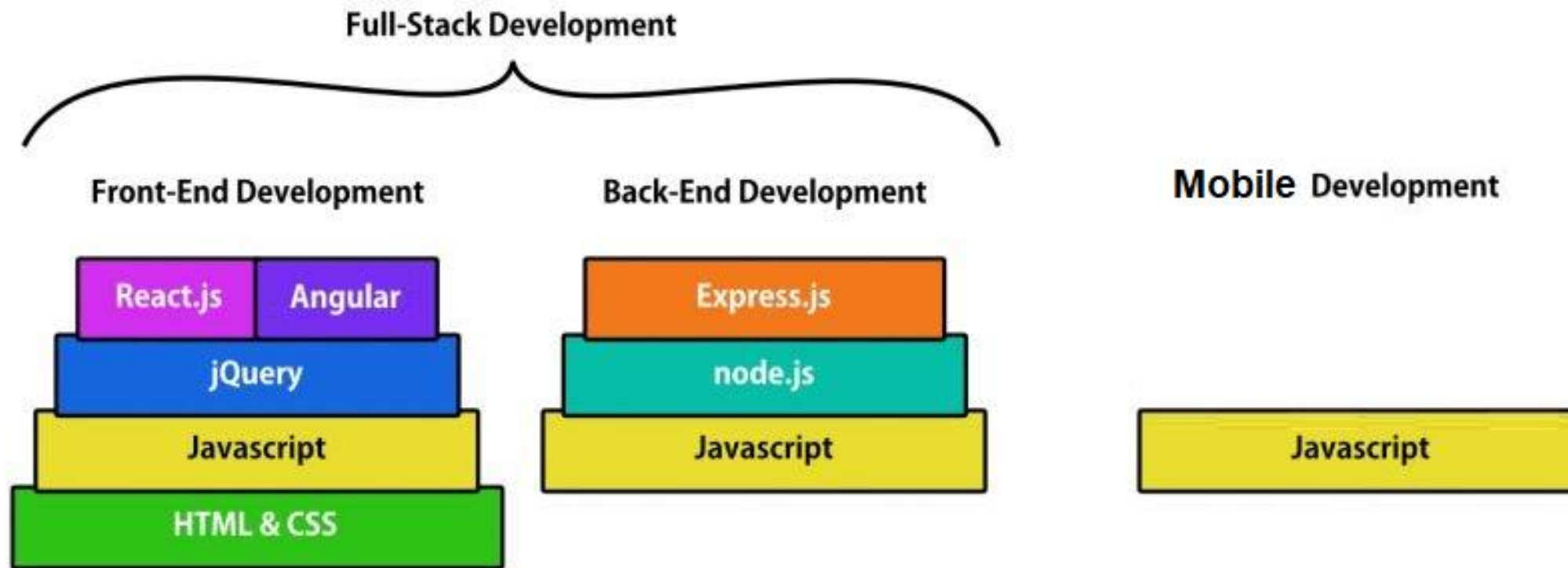


SOURCE: HACKERNOON

# The Role of a Full-Stack Developer



# Roadmap



# Full-stack JavaScript Developer



# Full Stack JavaScript

## Front End

 ANGULARJS  
by Google

Or



React



*Knockout.*



BACKBONE.JS

## Back End

 node   
express

Or

METEOR

sails

restify



KeystoneJS

## Database

 mongoDB

Or

MySQL

  
PostgreSQL

  
CouchDB

  
cassandra

# Full Stack JS Developer



1 language to rule them all

Browser, web applications,  
client & Server

Hoạt động như thế nào?

# JavaScript client-side rendering

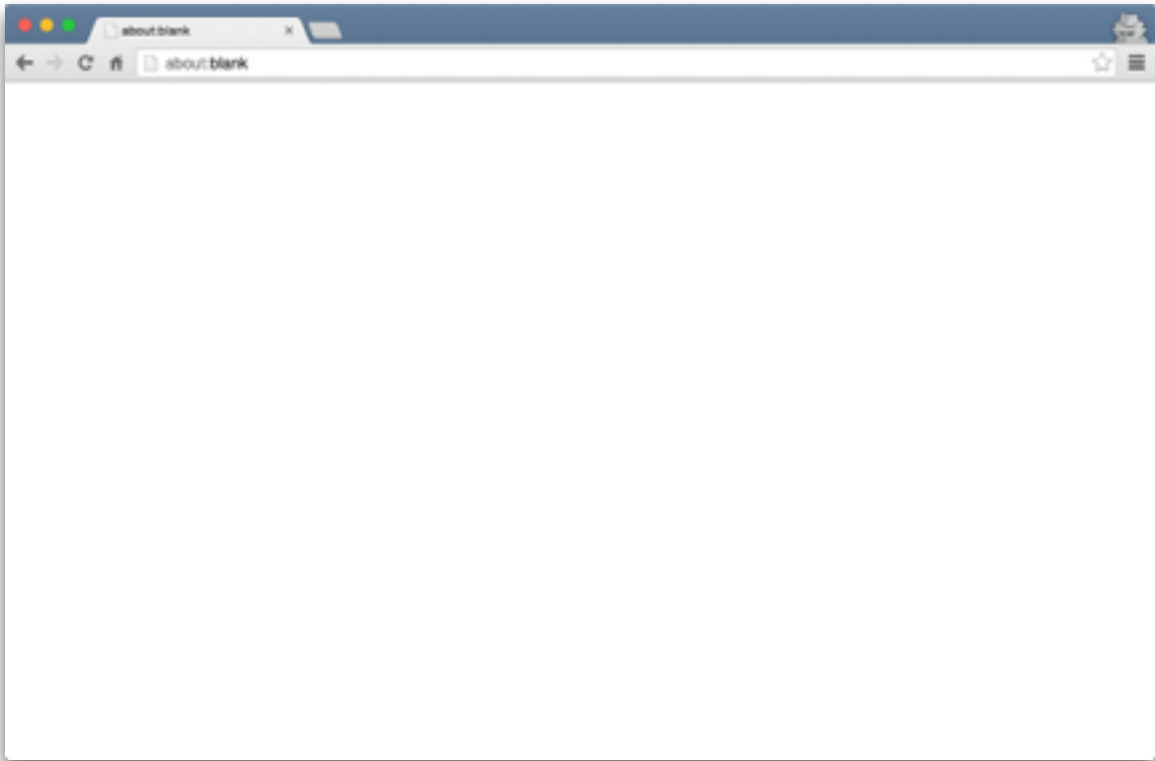
**Client**

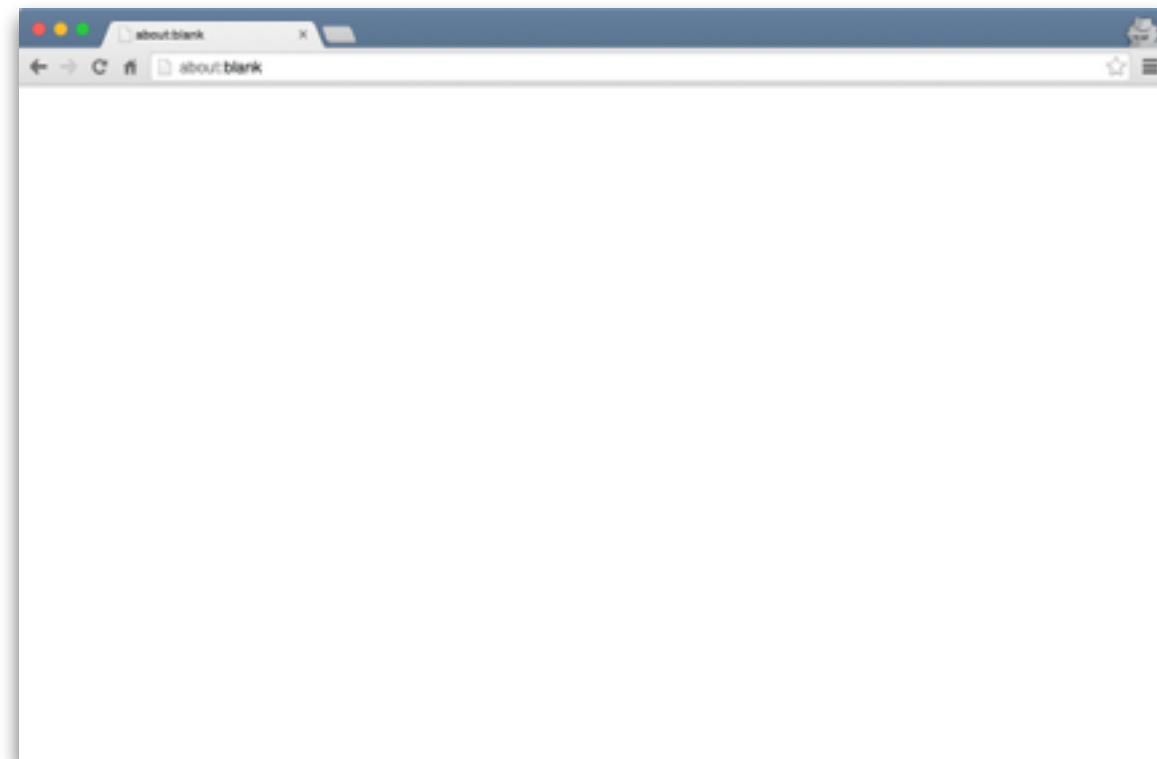
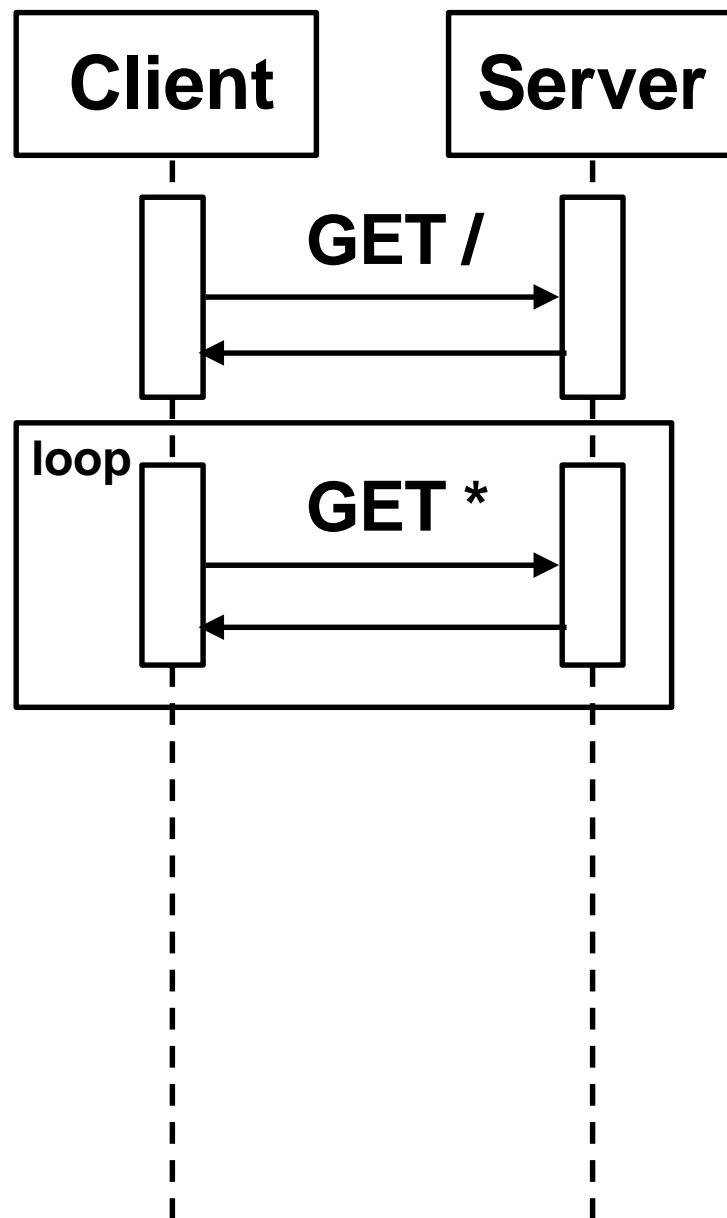
**Server**

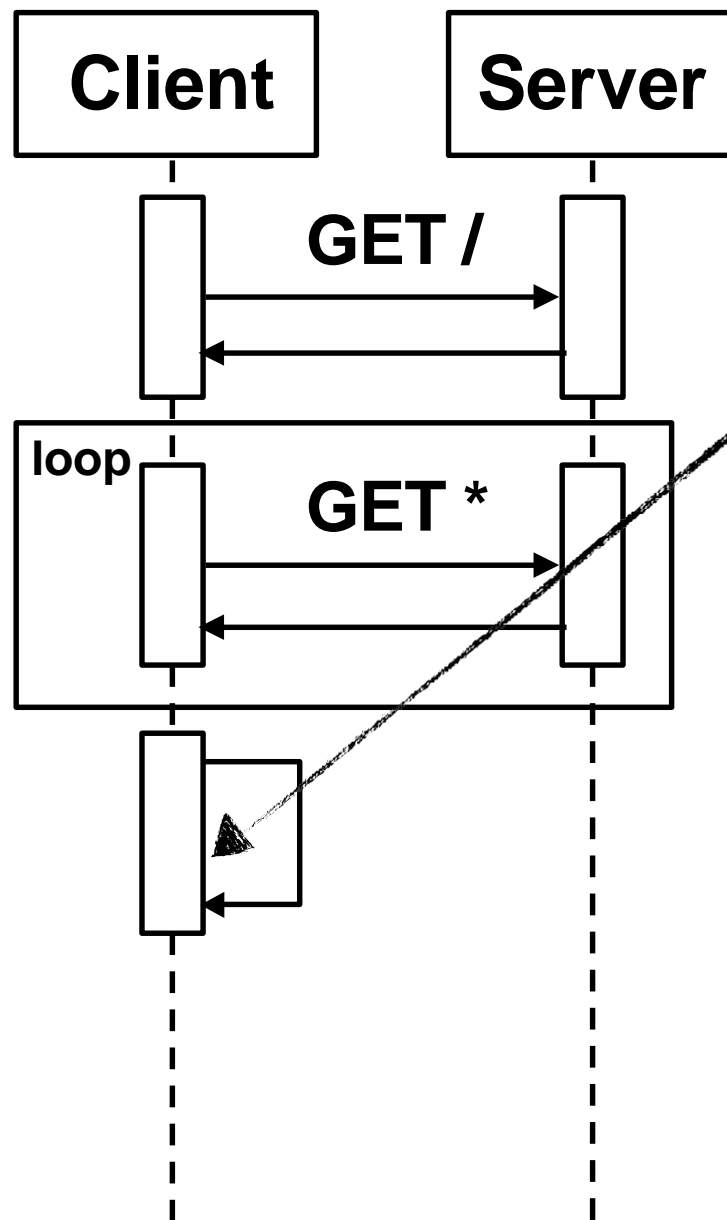


**Client**

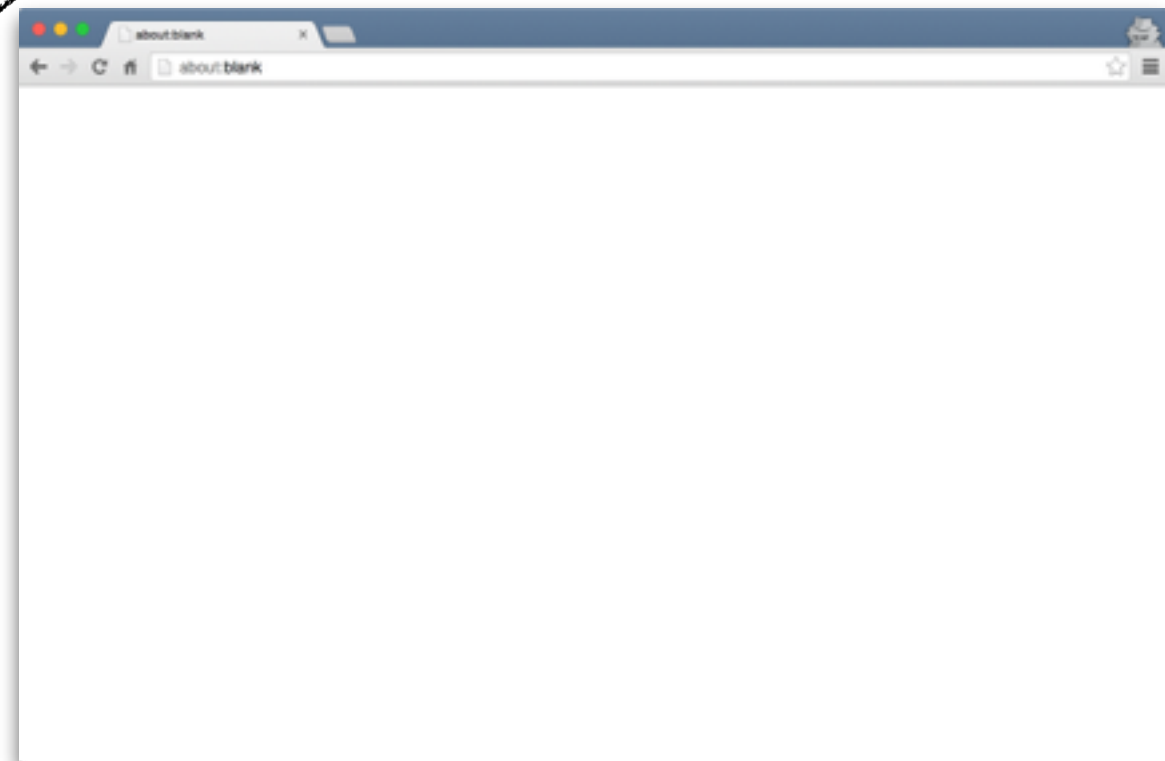
**Server**



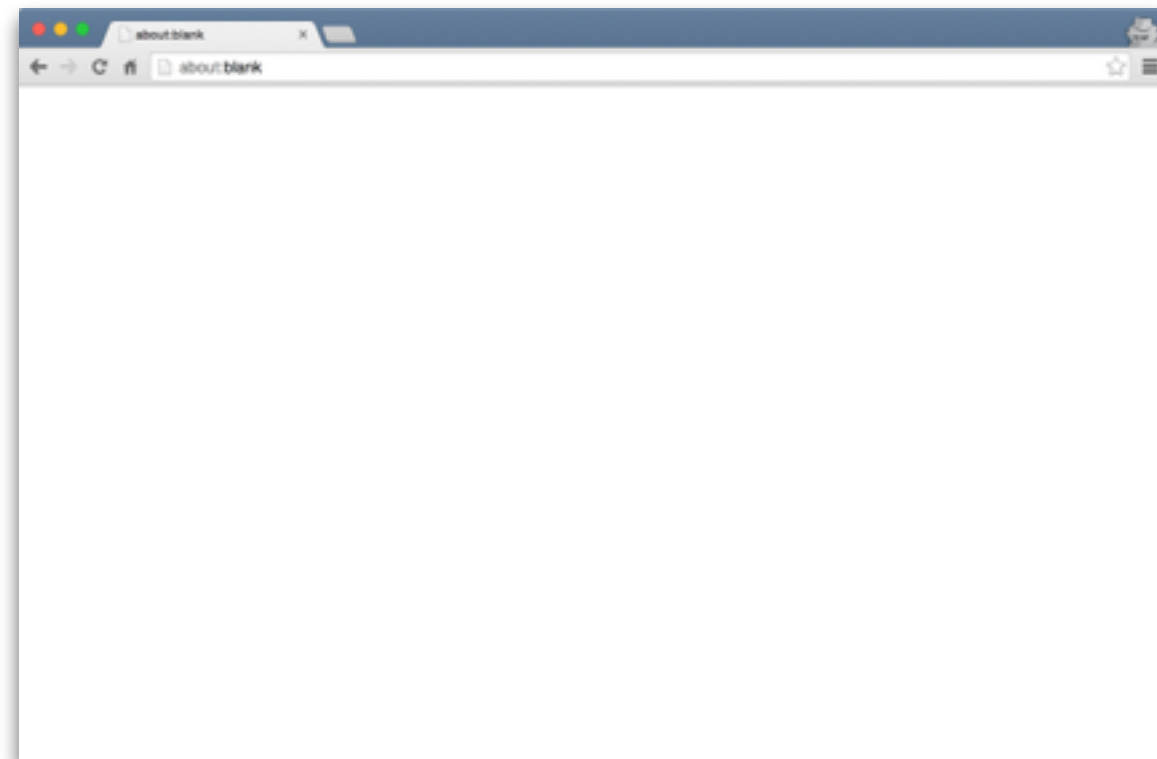
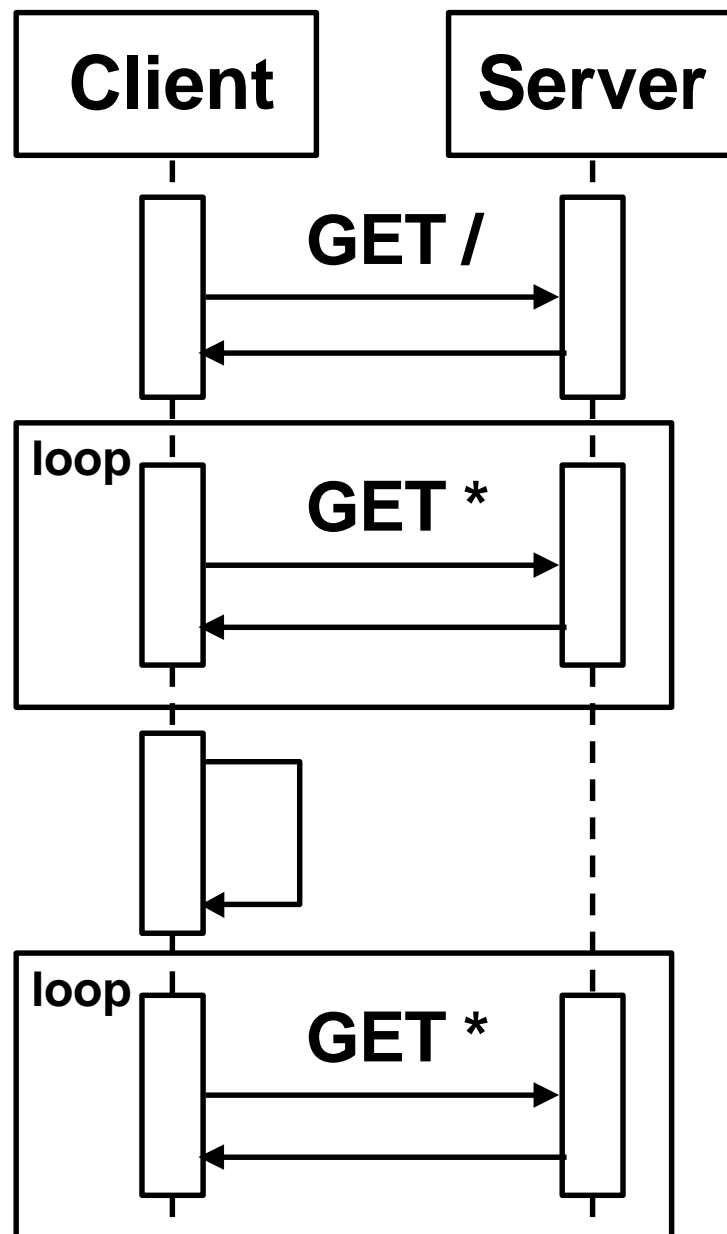


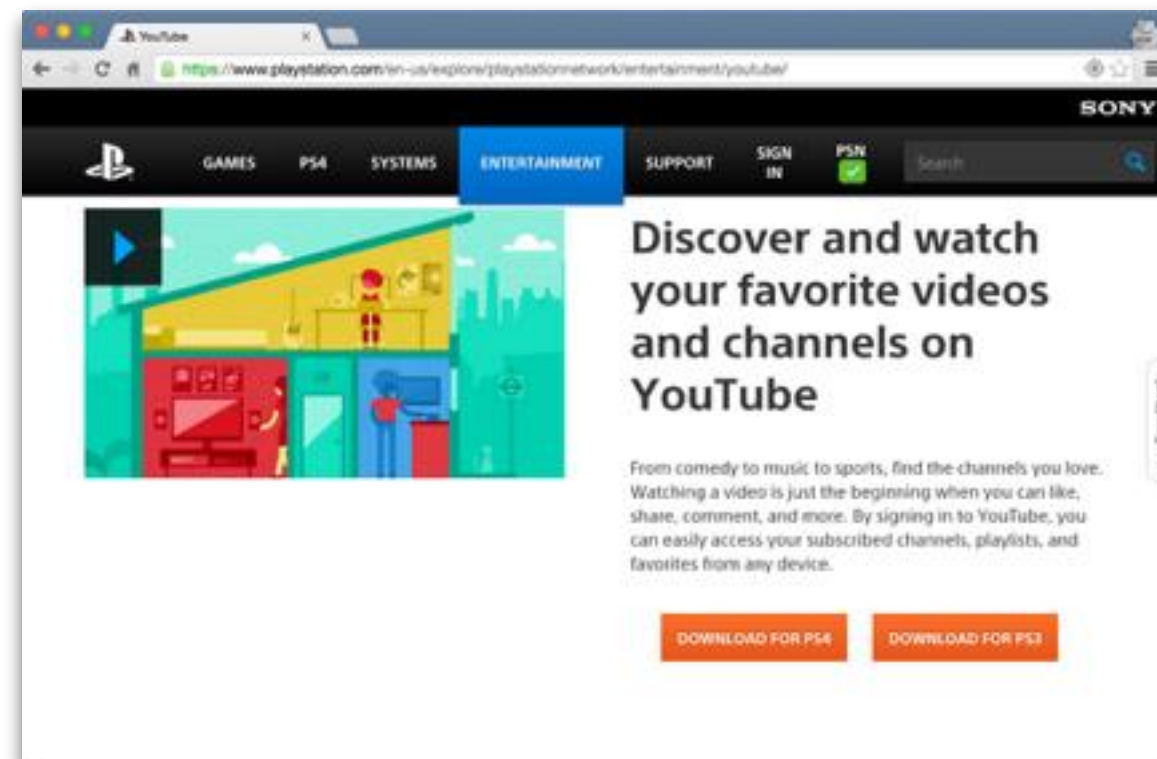
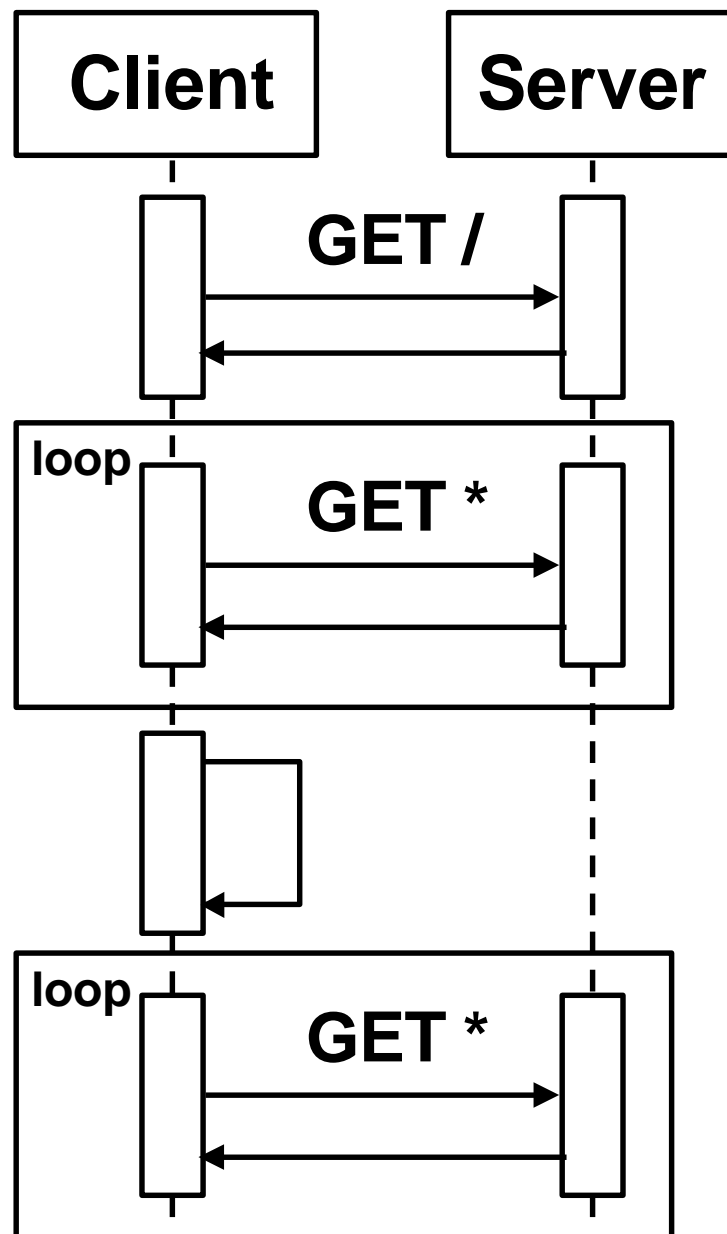


*Running JavaScript*









# JavaScript **server-side** rendering

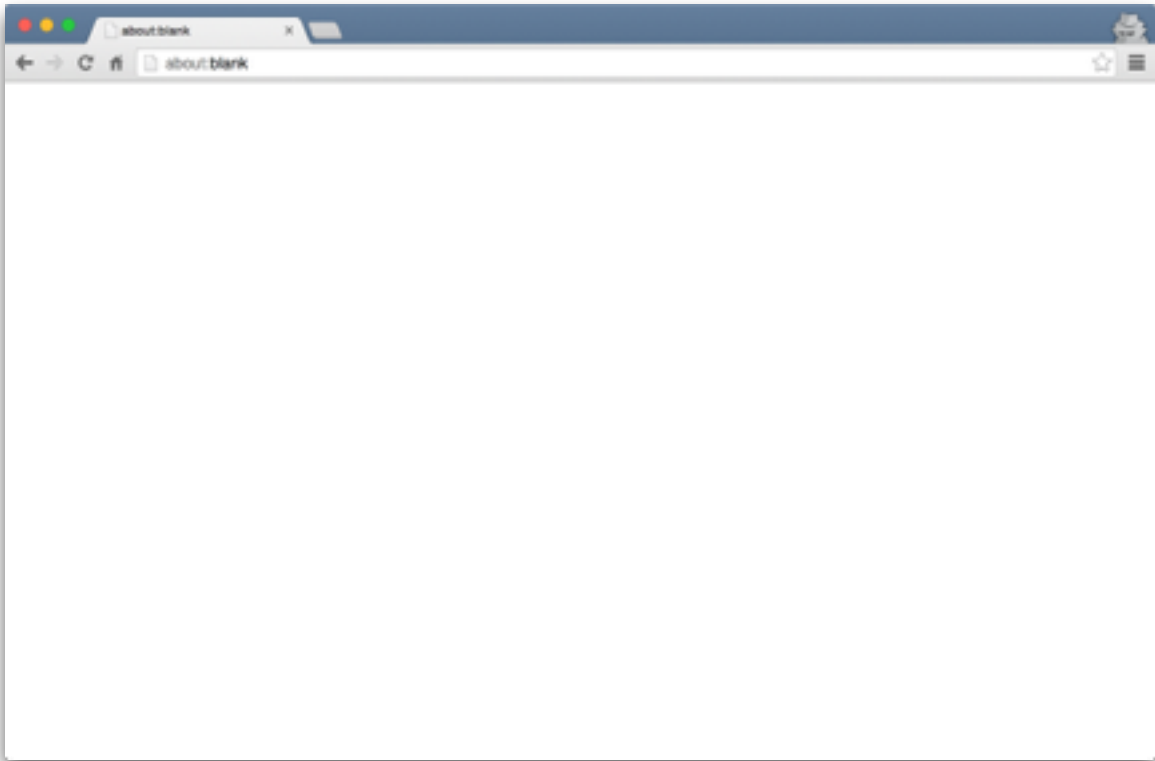
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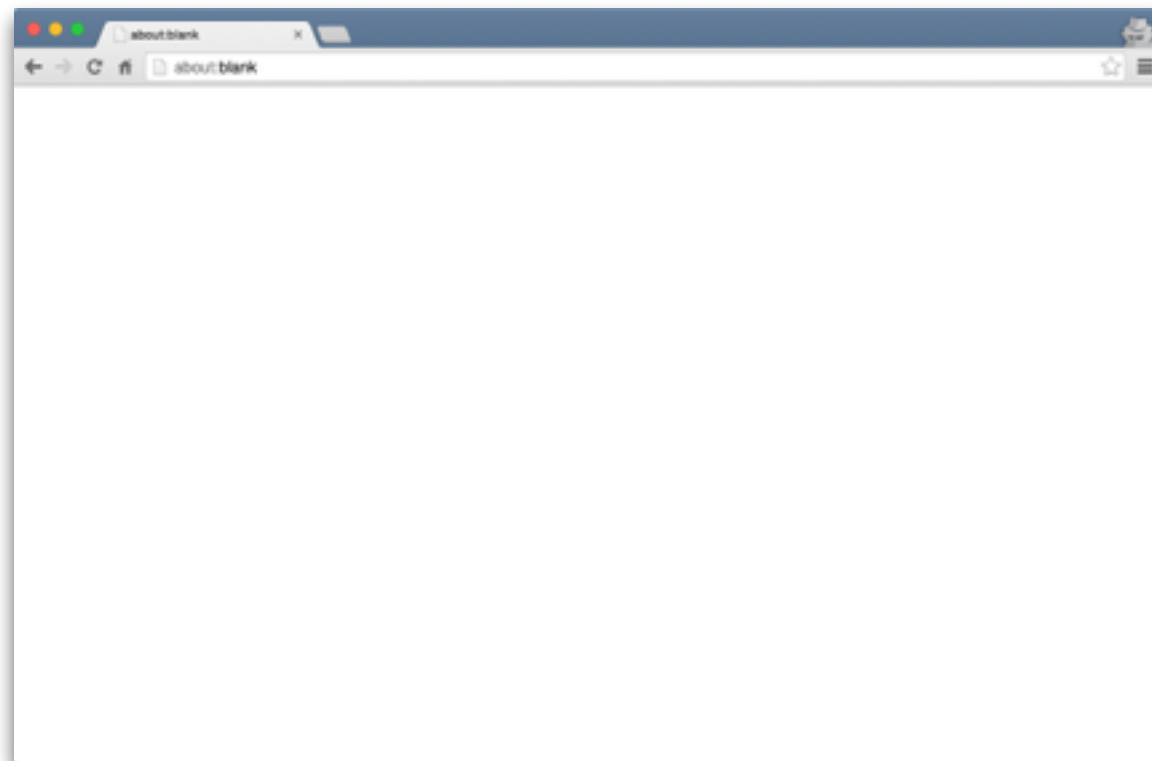
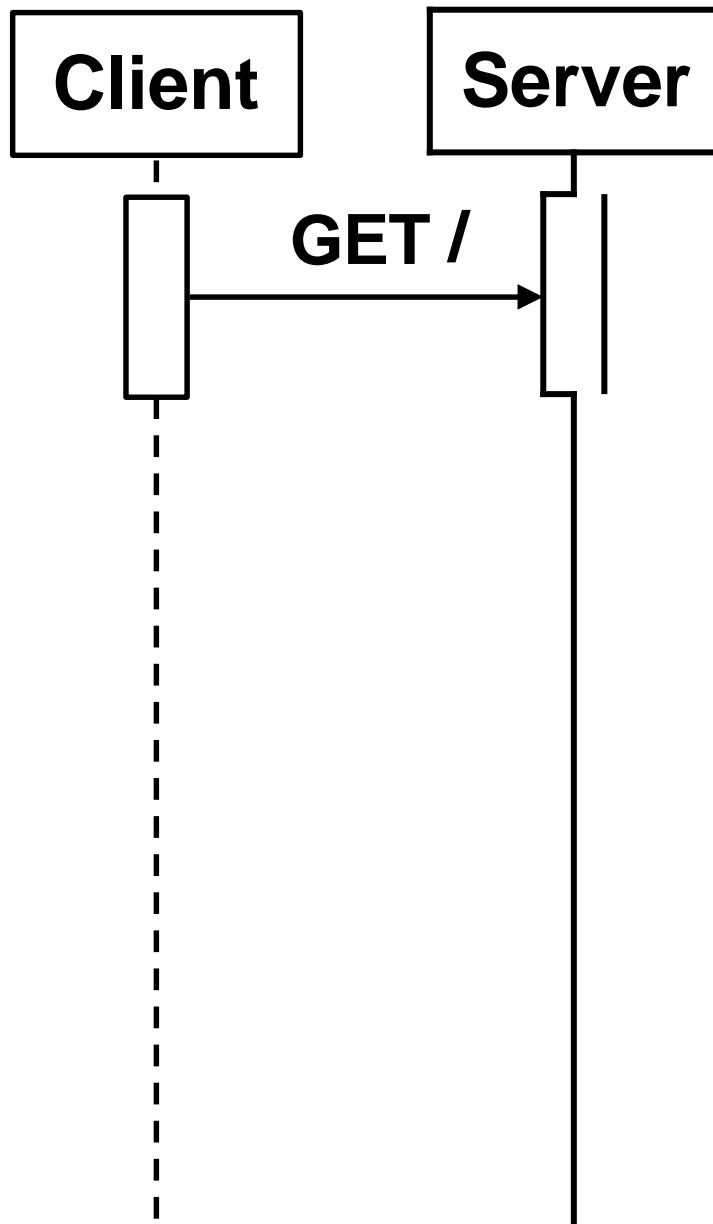
**Server**

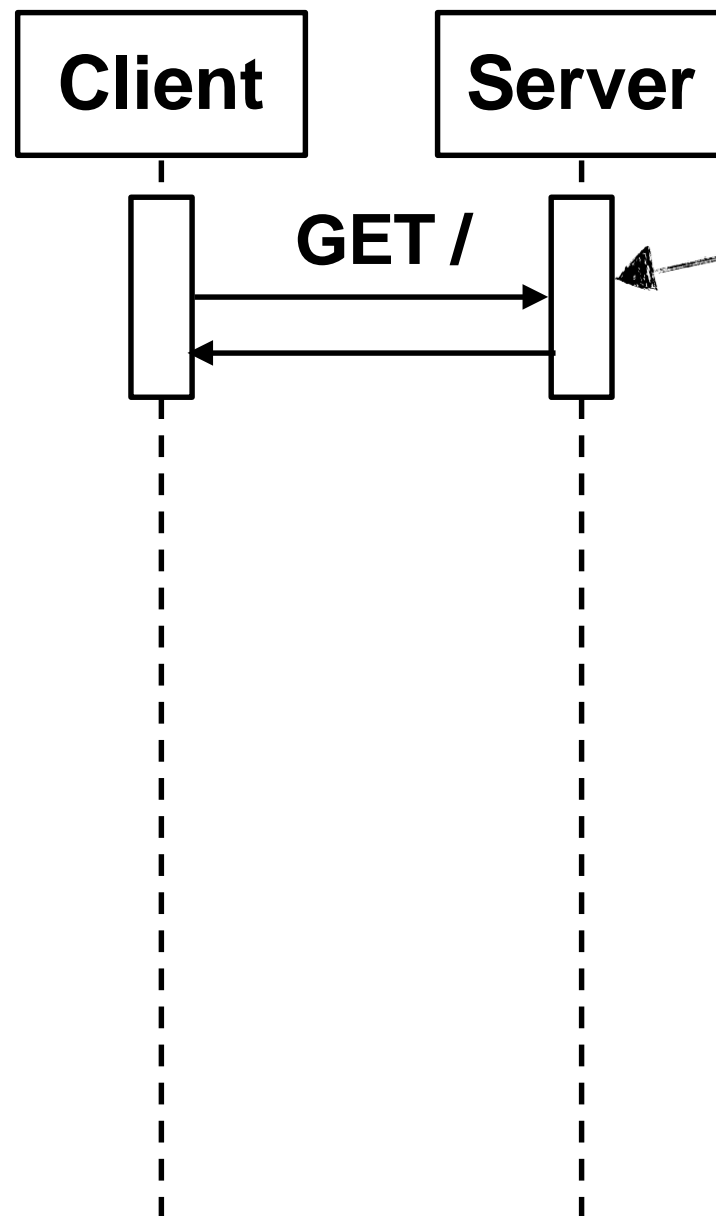


**Client**

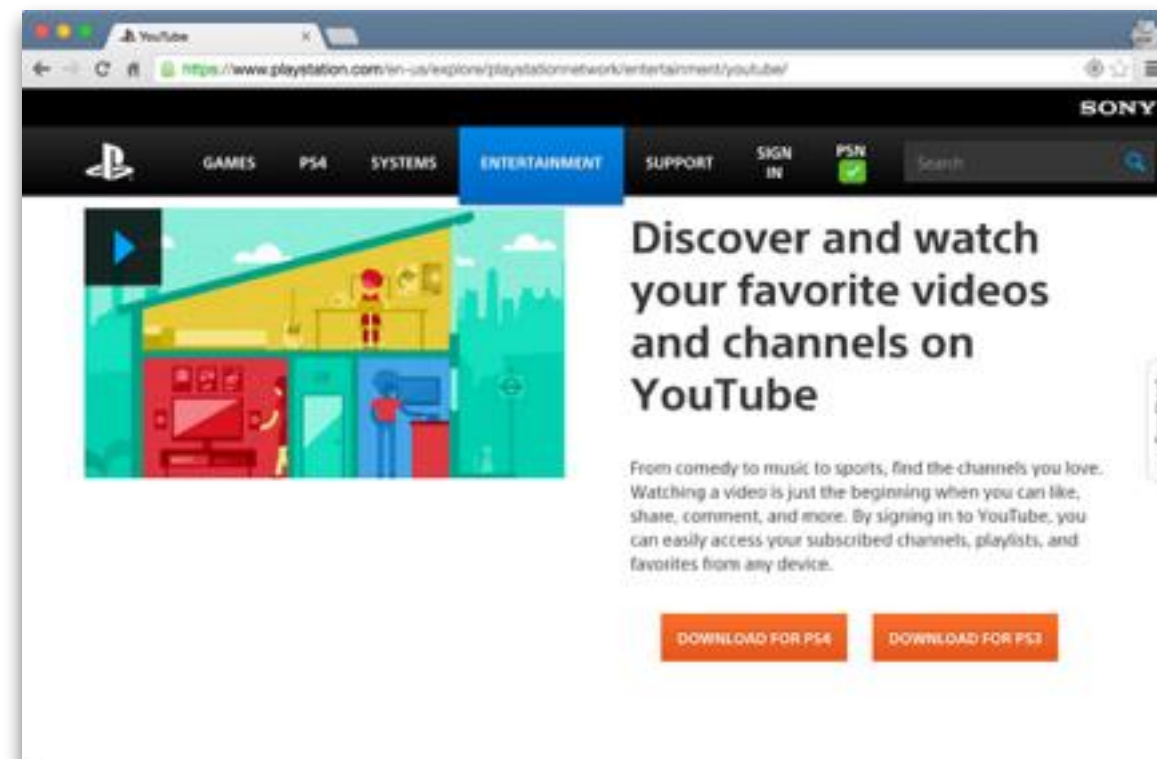
**Server**

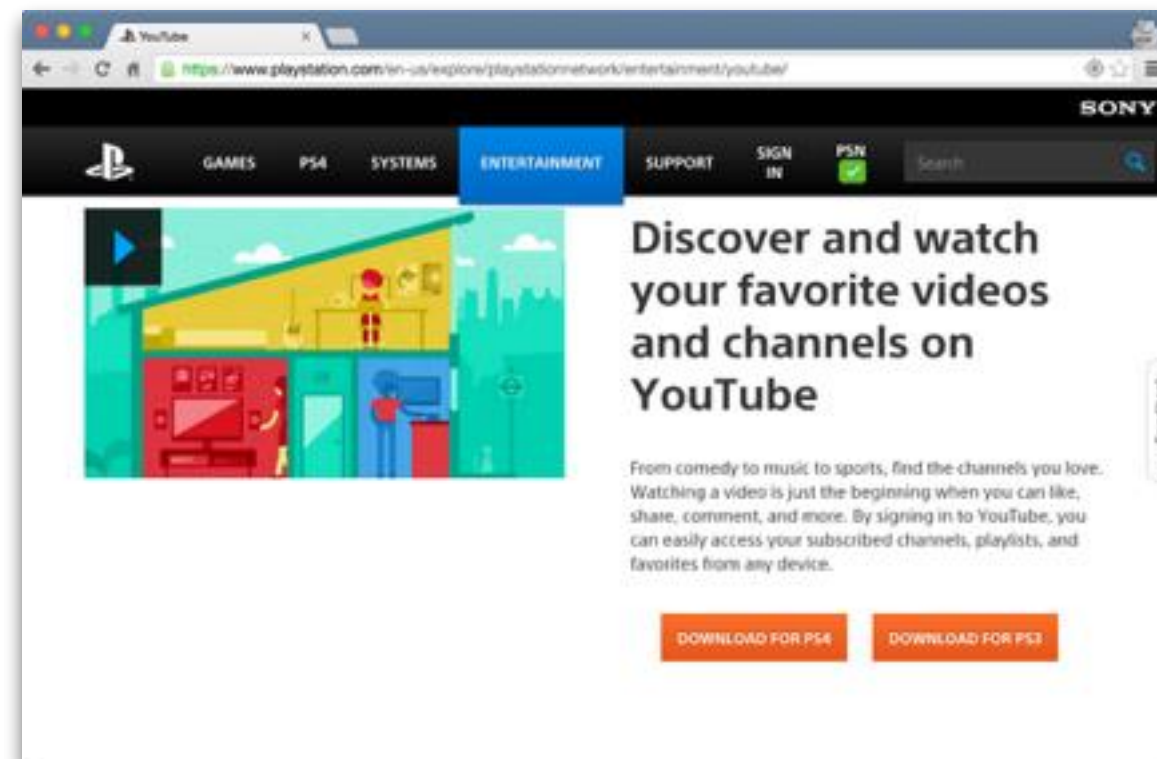
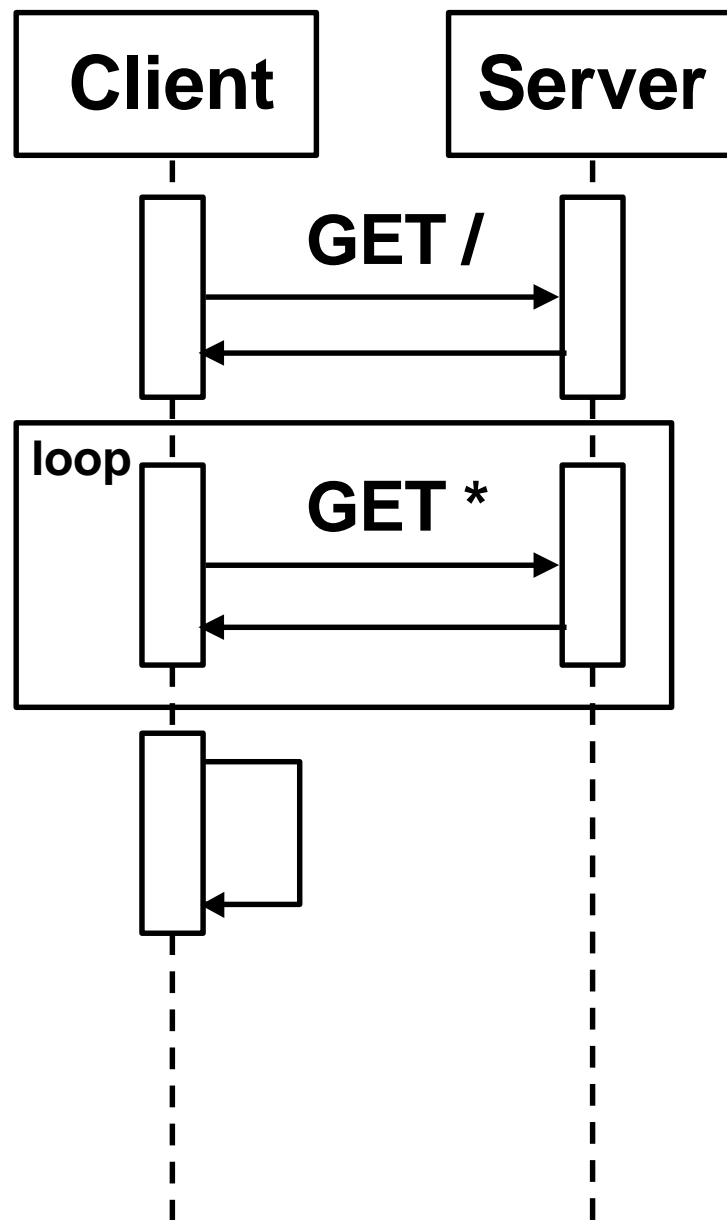






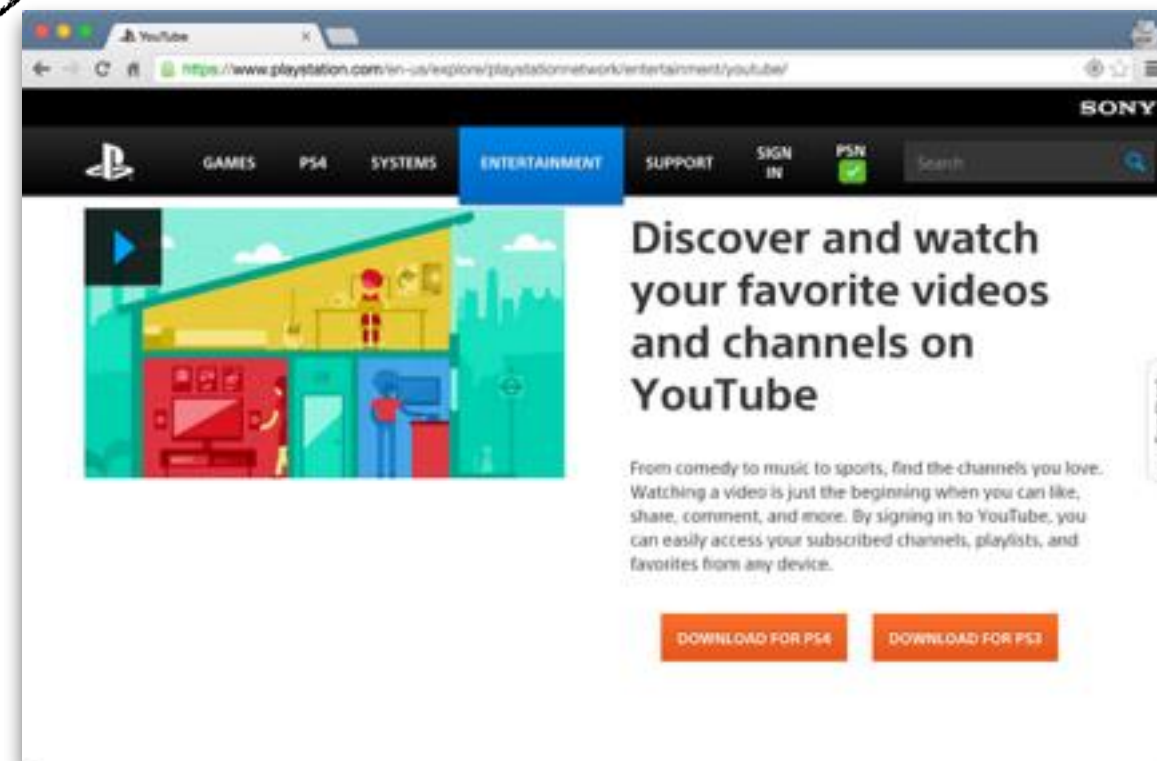
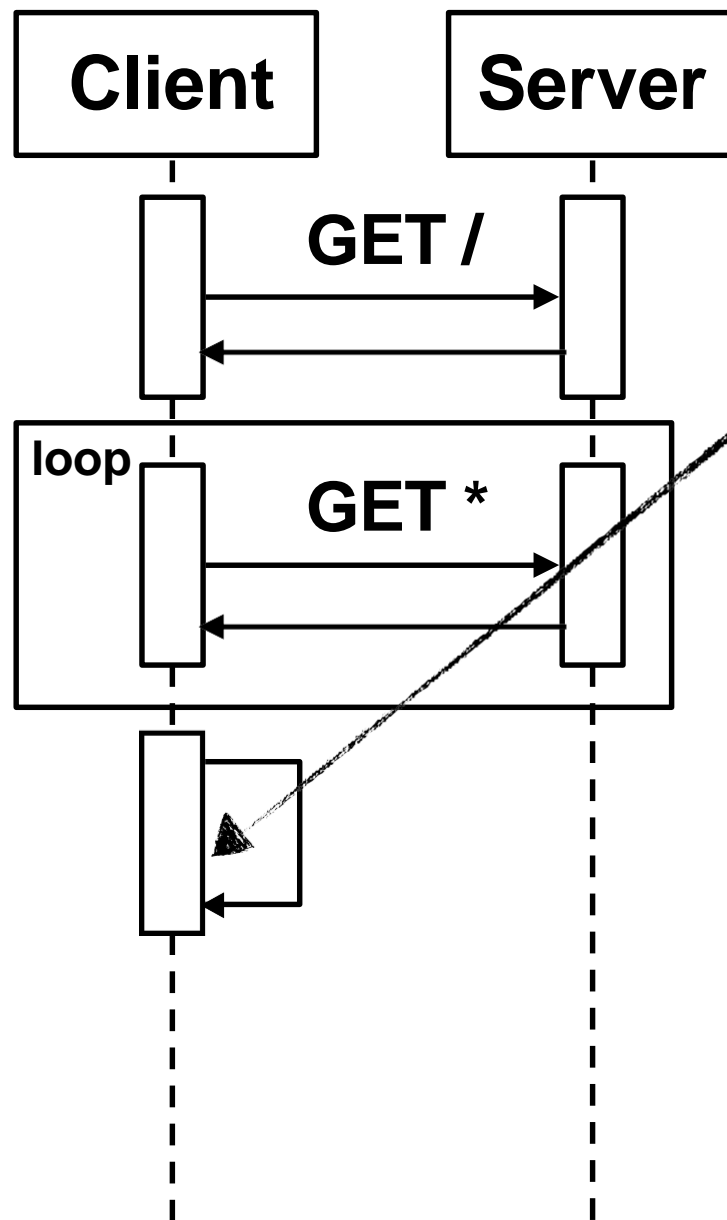
*Running JavaScript*

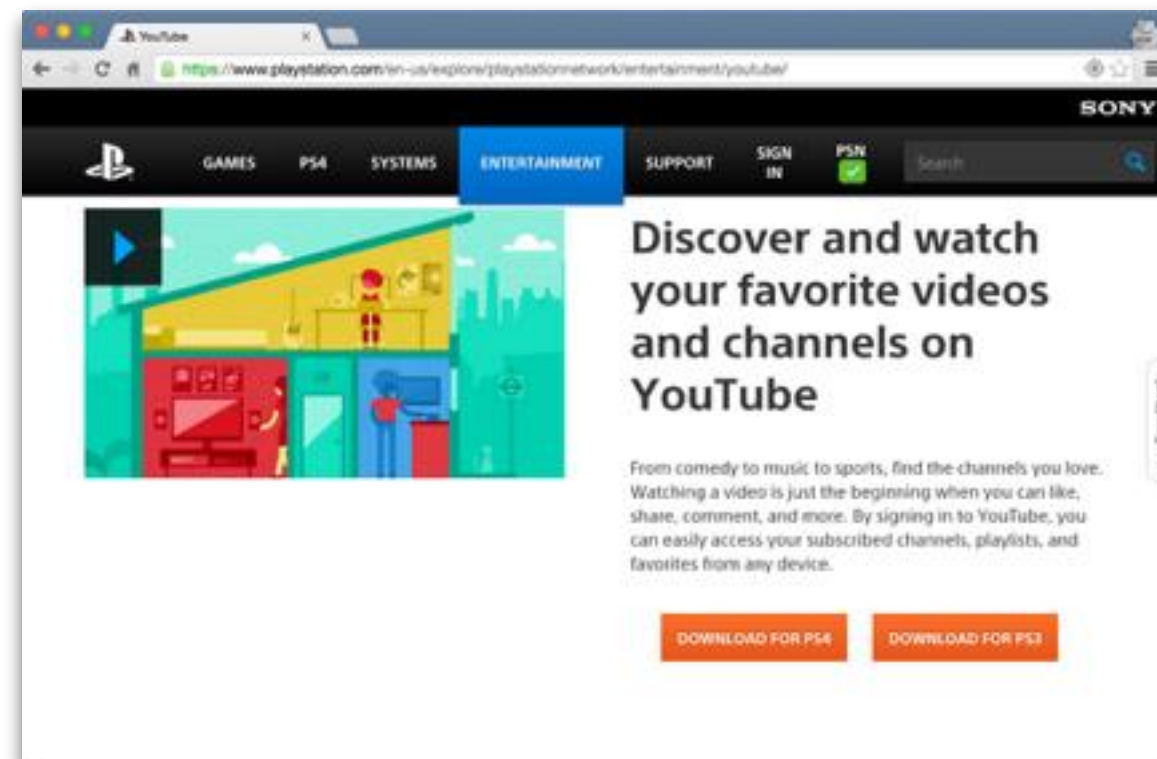
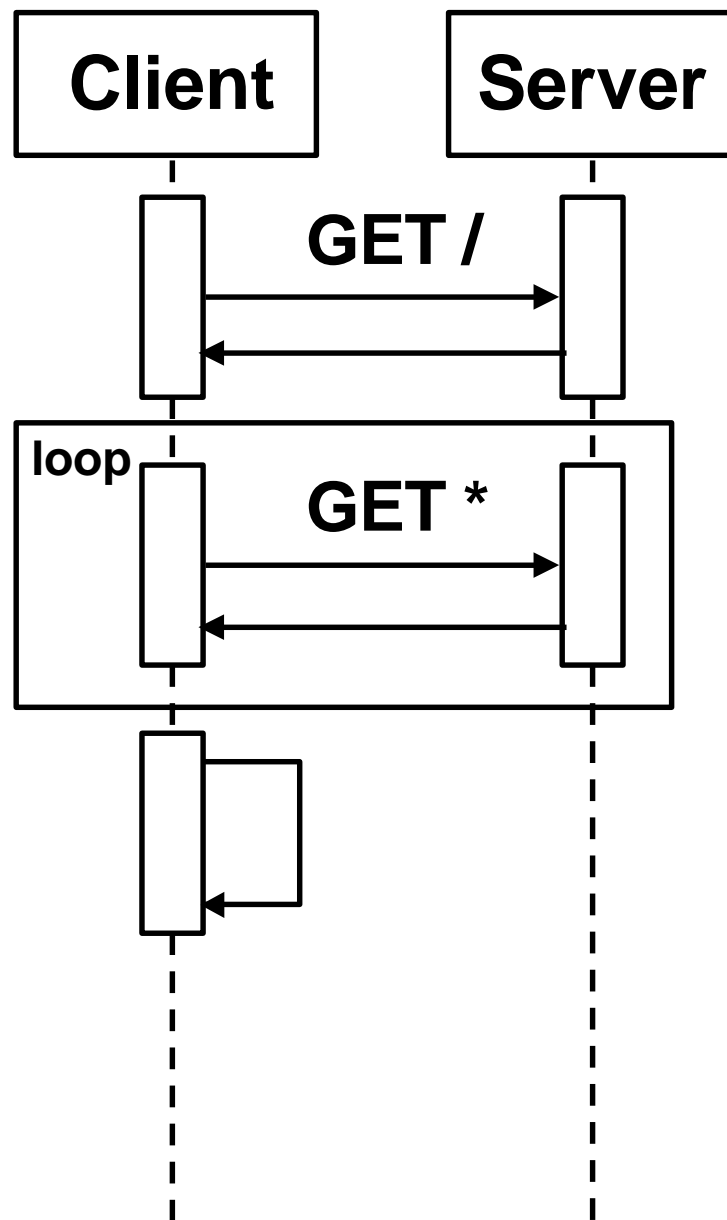






# *Running JavaScript*





# Resources

- <https://github.com/vunb/backend-nodejs>
- <https://github.com/vunb/fullstack-nodejs>
- <https://github.com/vunb/hoidap-nodejs>

# Thank you!!



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