

# BEWD 13

LESSON 5

# 1 LEARNING GOALS

RUBY CORE - COMBINING CONCEPTS

LAB TIME - `GET IT` USING API'S

GIT TIME

# GIT TIME

YOU SHOULD KNOW HOW TO

- CREATE A REMOTE BRANCH
- PULL FROM THE UPSTREAM REPO
- PUSH THE CODE TO YOUR FORKED  
MASTER BRANCH

# CORE: LEARNING GOALS

1 - WHAT IS AN API?

2 - LEARN 4 HTTP VERBS

2 - HOW TO CONNECT & `GET` DATA

3 - LEARN BASIC RETRIEVAL TECHNIQUES

# WHAT IS AN API?

<application programming interface>

# WHY AN API?

<they allow applications to talk to each other>

# HYPERTEXT TRANSFER PROTOCOL (HTTP)

- **HTTP** IS DESIGNED TO ENABLE COMMUNICATION BETWEEN CLIENTS AND SERVERS
- **HTTP** WORKS AS A **REQUEST**-RESPONSE PROTOCOL BETWEEN A CLIENT AND SERVER



# API - HTTP VERBS

GET ->

RETRIEVE

POST ->

CREATE

PUT ->

UPDATE

DELETE ->

DESTROY

# GET IT! - PART 1

## 3 GOALS

- 1 - MAKE A `GET` REQUEST
- 2- PARSE DATA USING THE JSON LIBRARY
- 3- FIND & RETRIEVE REDDIT STORIES

[HTTP://WWW.REDDIT.COM/.JSON](http://www.reddit.com/.json)

# KEYS TO SUCCESS

- ONE BRICK AT TIME
- DEBUG WITH PRY EVERY TIME
- CODE PROLIFICALLY

# CODE ALONG

<get\_it.rb>

# LAB TIME

<get\_it.rb>

# HOMEWORK

1 - COMPLETE `GET\_IT` USING

- REDDIT
- MASHABLE