

BEWD 10

LESSON 5

1 LEARNING GOALS

RUBY CORE - COMBINING CONCEPTS

CODE ALONG - 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 COMMUNICATIONS 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 PROLIFERICALLY

CODE ALONG

<get_it.rb>

HOMEWORK

1 - FINISH CAR_LOT & LOVE_POST ON YOUR OWN

2 - BUILD `GET_IT` USING ALL THREE APIS

- REDDIT

- MASHABLE

* STRETCH GOAL - SAVE RESULTS TO A CSV FILE ****