

BARON PIT

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LEAGUE OF LEGENDS

World's Largest VIDEO GAME

(NOT COUNTING TETRIS AND OTHER PUZZLE GAMES)

67+ MILLION PLAYERS

27 MILLION PLAYERS A DAY

7.5 MILLION PLAYERS CONCURRENTLY

ESPORTS

32 MILLION VIEWERS WATCHED THE
2013 World Championship

LEAGUE IS A *huge* MARKET

SO WHERE DOES OUR PROJECT FIT?

DATA ANALYTICS

FOR RANKED 5S

**IN DECEMBER 2013,
RIOT RELEASED AN API**

WE CREATED A WEBSITE
TO PULL IN DATA
AND THEN *analyze* IT

OR RATHER,
OUR *Users* DO

WE TRACK THE DATA
THEY INTERPRET IT

OUR BACK-END IS BUILT ON

Ruby on Rails

OUR FRONT-END IS A CUSTOMIZED

Foundation

WE CREATED A CUSTOM *Gem*
TO CONNECT WITH THE LEAGUE API

Static

IMPORT PIPELINE

STORE ALL GAME METADATA

PATCH: CHAMPIONS, ITEMS, SPELLS, TALENTS, RUNES

Before every game import:

IF A NEW VERSION IS AVAILABLE,

UPDATE EVERYTHING

Game

IMPORT PIPELINE

WITH API *Limitations*,

LIMIT OF 1 USER, 1 LINK

EVERY 10 SECONDS

Query API For New Games

WHEN THERE ARE NEW GAMES:

IMPORT NEW SUMMONERS **AND** TEAMS,
THEN IMPORT ALL GAME STATS

WE USE AN ALGORITHM TO DETERMINE

Team Roles

TOP, JUNGLE, MID, AD CARRY, SUPPORT

IT WOULD BE SIMPLE, EXCEPT FOR

EDGE CASES

WHAT IF...

**NEW TEAM? NEW ROSTER?
OUTDATED GAME STATS?**

Team

IMPORT PIPELINE

TO TRACK A NEW TEAM,

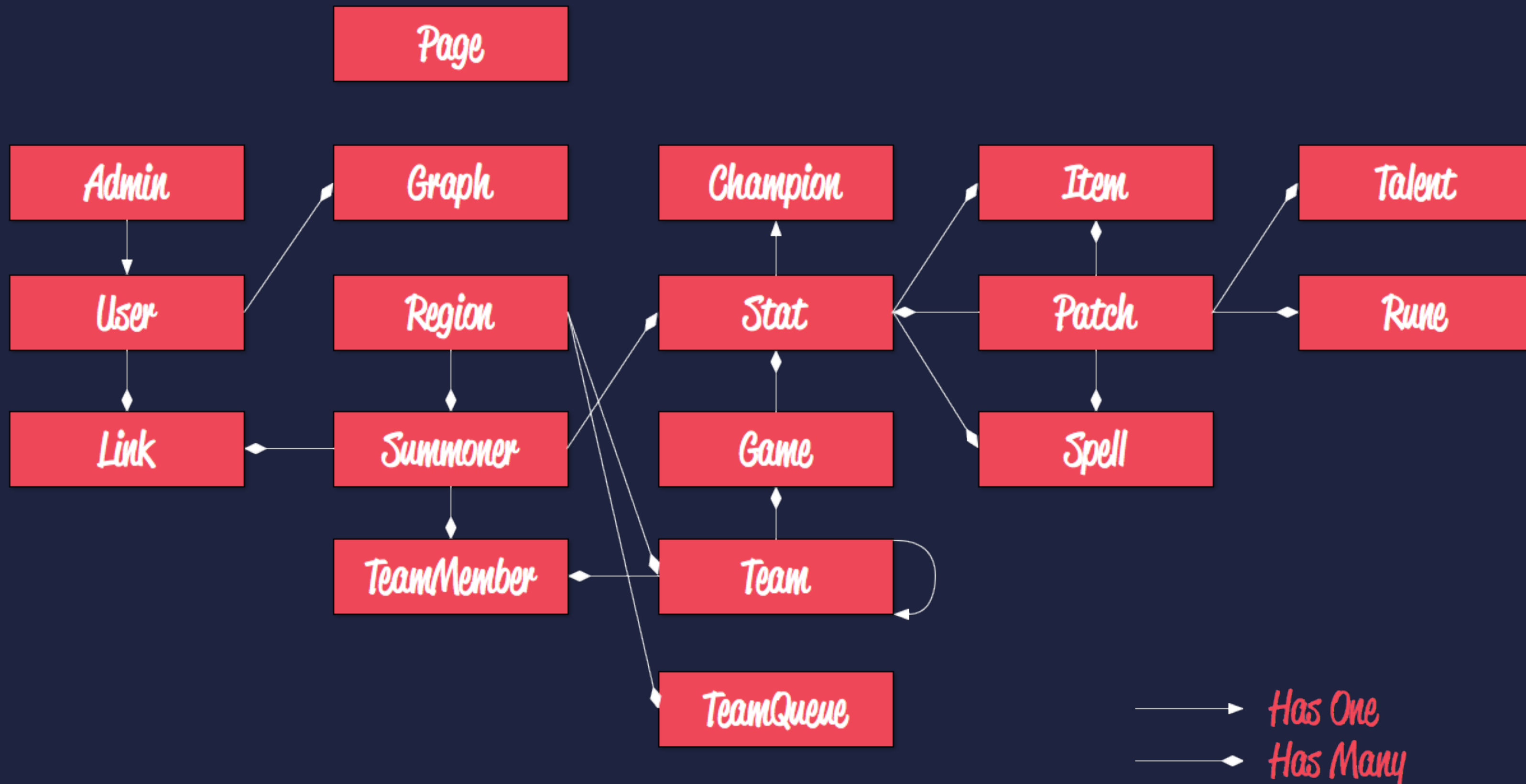
WE ADD IT TO A QUEUE

THIS HELPS US MITIGATE

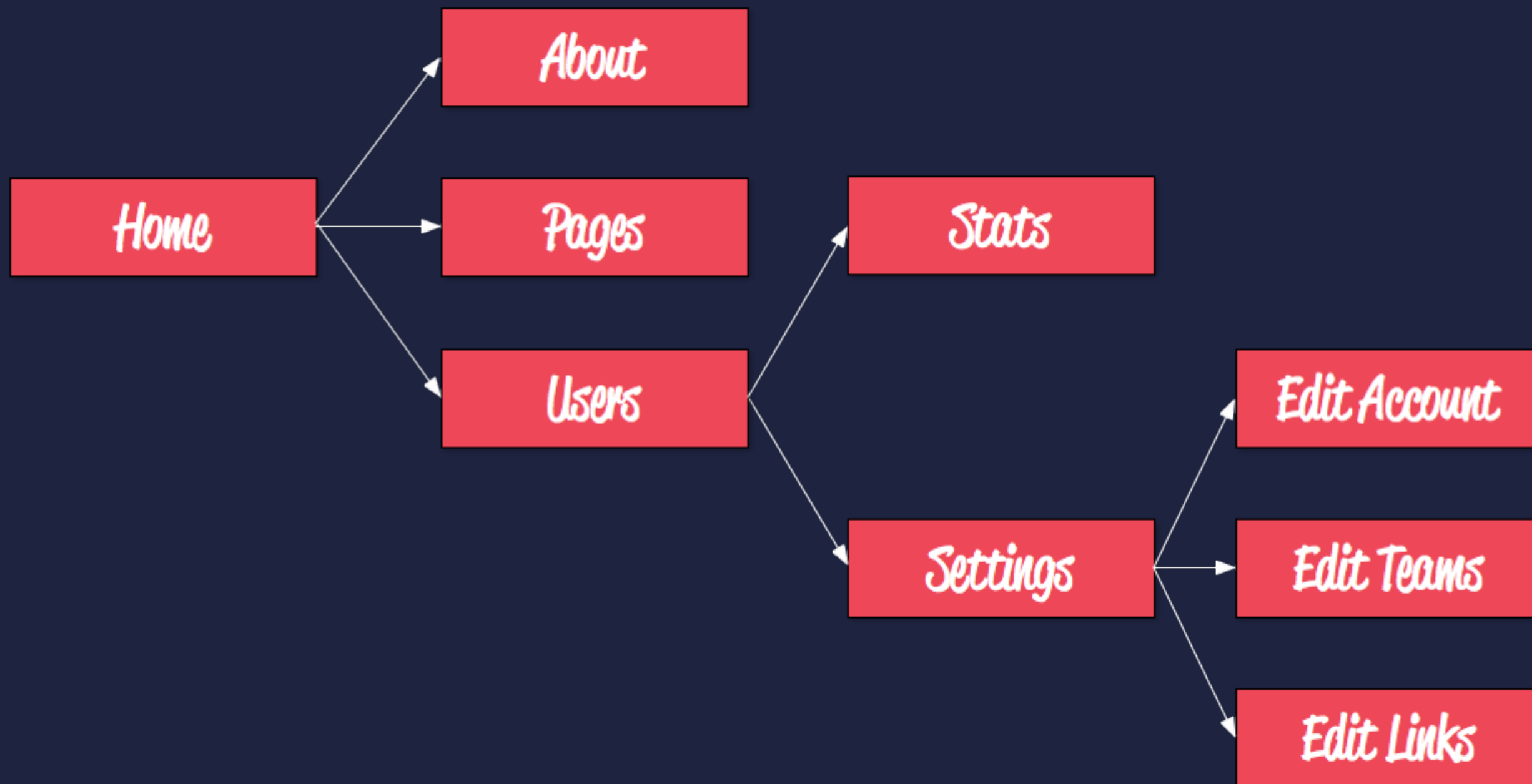
Rate Limits

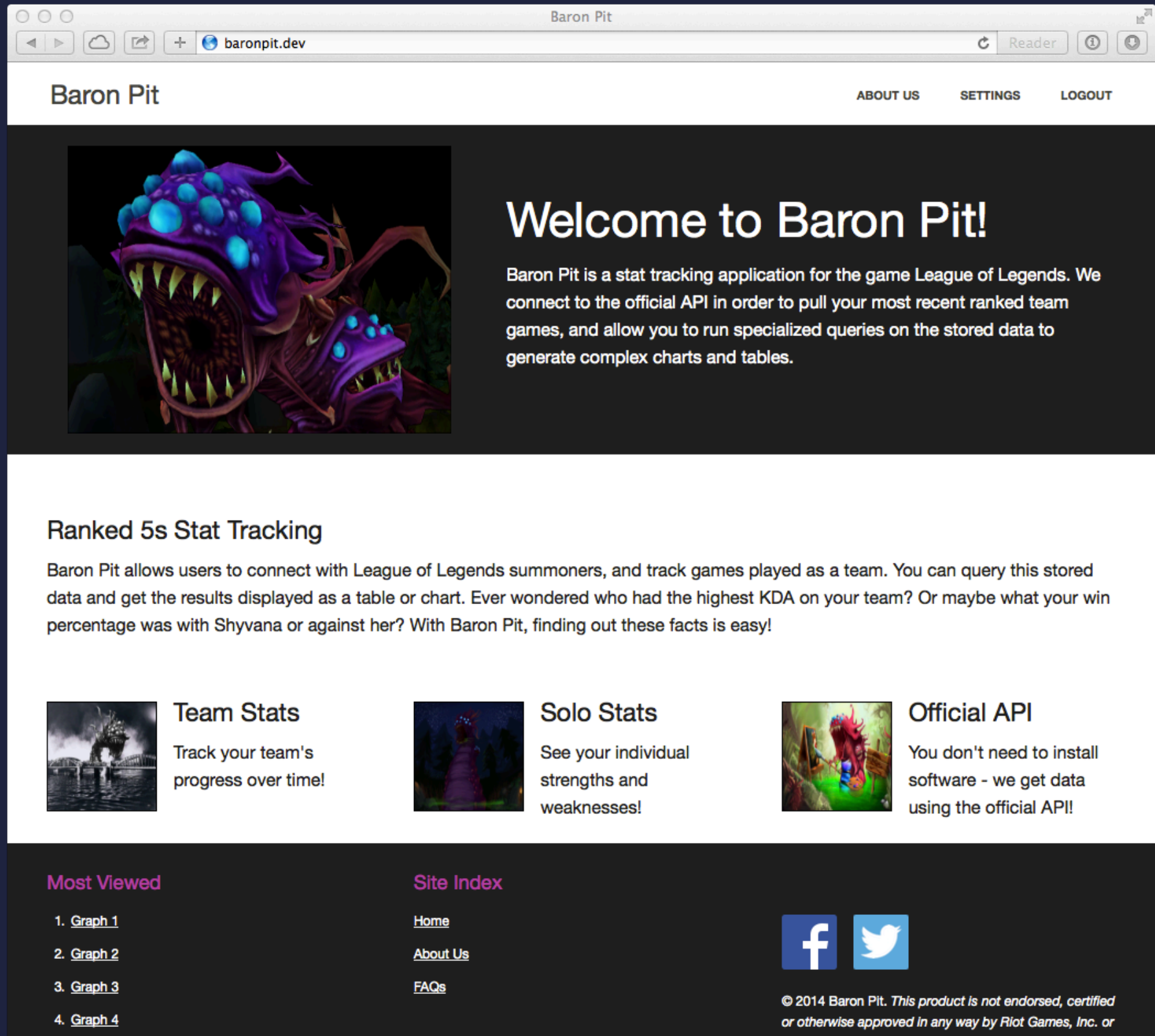
WE IMPORT 1 TEAM EVERY 15 SECONDS

MODELS



PAGE FLOW





Welcome to Baron Pit!

Baron Pit is a stat tracking application for the game League of Legends. We connect to the official API in order to pull your most recent ranked team games, and allow you to run specialized queries on the stored data to generate complex charts and tables.

Ranked 5s Stat Tracking

Baron Pit allows users to connect with League of Legends summoners, and track games played as a team. You can query this stored data and get the results displayed as a table or chart. Ever wondered who had the highest KDA on your team? Or maybe what your win percentage was with Shyvana or against her? With Baron Pit, finding out these facts is easy!



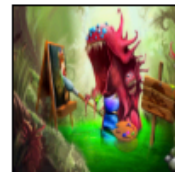
Team Stats

Track your team's progress over time!



Solo Stats

See your individual strengths and weaknesses!



Official API

You don't need to install software - we get data using the official API!

Most Viewed

1. [Graph 1](#)
2. [Graph 2](#)
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QUERY LANGUAGE

CUSTOM QUERY FORMAT

[team] [summoner] [variable] [operation] [value] (&&, ||) ...

Example:

```
"'Counter Logic Gaming' Doublelift champion = Lucian"  
# => [#<Game id: 1, ...>, #<Game id: 7, ...>]
```

Pain Point

RIOT'S API IS STILL VERY

Beta

**LACK OF INFORMATION,
POOR DOCUMENTATION,
UNTESTED DESIGN,
HARSH API LIMITS**

A KEY HAS 6 USES
EVERY 10 SECONDS

PER GAME,

BARON PIT NEEDS *24* CALLS

**TO GET A HIGHER API RATE LIMIT,
YOU NEED A FINISHED APPLICATION**

WHERE WE WANT TO GO

REAL-TIME TRACKING

LS

SUBSCRIPTIONS

Questions?