

WordUp

Henry Stolz — Jacky Kong — Luis Legro

Motivation

Princeton in Beijing



Español

Italiano

Português

English

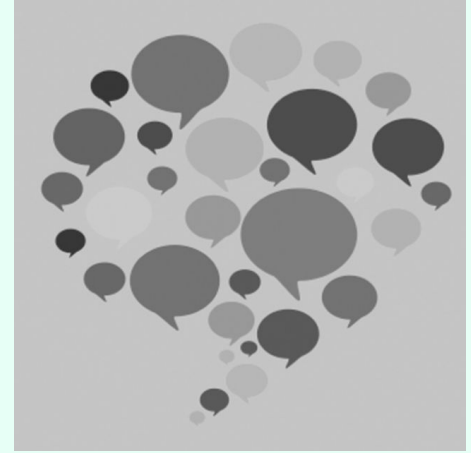
中文

한국어

Français

Similar Platforms

- HelloTalk, iTalki
- Powerful
- Harmful features
 - Chat
 - Translation



Design Goals

- Simple
 - Intuitive
 - Fast
- Localized
 - Princeton only
 - Princeton languages
- Utilitarian
 - No 'harmful' features
 - Motivate users to meet in person

Demo

Scenario

The Go Programming Language, by Alan Donovan and Brian Kernighan, is now available. For more information, visit the book web site at www.gopl.io. Available in paperback and e-book formats. Japanese, Russian, Korean and Polish translations are now available; **Chinese (both Simplified and Traditional)** and Portuguese will be available soon...

The Go Programming Language

Alan A. A. Donovan
Brian W. Kernighan



ADDISON-WESLEY PROFESSIONAL COMPUTING SERIES

Registration

Search

Matching +
Scheduling

Success

Technology

Frontend



ALAMOFIRE

Elegant Networking in Swift

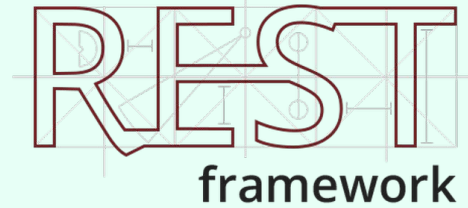
Backend

django



Google Cloud Platform

django



Data

- Profile (AbstractUser)
 - From AbstractUser: username, password, email...
 - known_lang, learn_lang, bio
- Match
 - initiator, acceptor, time, location, status
- Django query objects ++

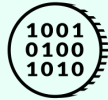
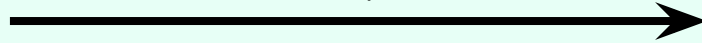
```
strangers = Profile.objects.exclude(pk__in=ids)
c3 = Q(known_lang__exact=initiator.learn_lang)
c4 = Q(learn_lang__exact=initiator.known_lang)
acceptor = strangers.filter(c3 & c4).order_by('?'_)
```


Security

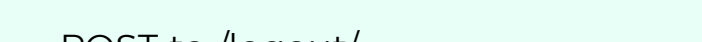
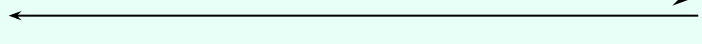
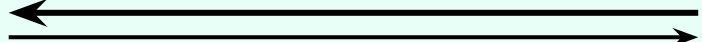
- ~~Django session auth~~
 - Ideal for browsers
 - Less intuitive for mobile
- Django REST Framework token auth



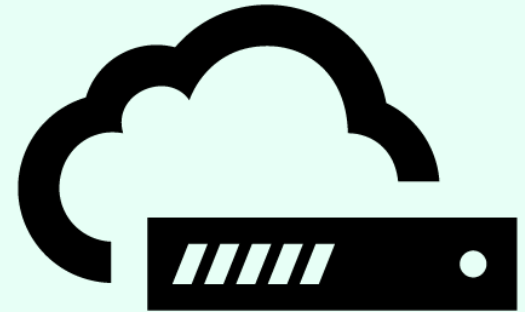
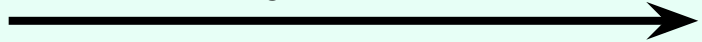
POST to /login/ and /token/
with {username, password}



subsequent requests...



POST to /logout/



Takeaways

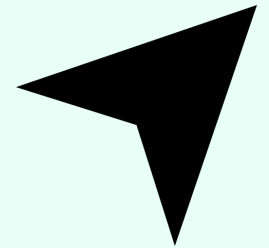
Future Possibilities

- Further Features

- Notifications
- FaceTime
- Location-based matching
- More detailed profiles

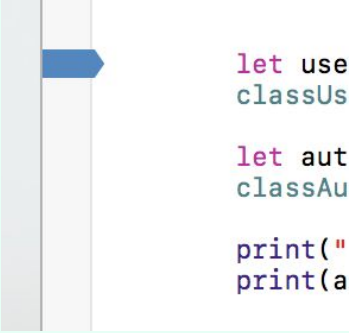
- UX testing/surveying

- Language Tables/Individual Sessions



Lessons Learned

- Be realistic
- Rookie struggles/mistakes
 - Breakpoints...
 - End-to-end milestone
 - Documented API late
- Documentation
 - (see: Swift vs. Django)



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let use  
classUs  
  
let aut  
classAu  
  
print("  
print(a
```

Thank You!

Questions?