

Gender differences on StackOverflow

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StackOverflow → Facebook integration

- ~250k users have a Facebook image as avatar

```
{
  "_id" : ObjectId("547eed5efb90e56f13000004"),
  "Id" : 2934758,
  "Reputation" : 1,
  "CreationDate" : ISODate("2013-10-30T03:56:16Z"),
  "DisplayName" : "Jose Vibar",
  "LastAccessDate" : ISODate("2013-12-15T10:17:20Z"),
  "Views" : 2,
  "UpVotes" : 0,
  "DownVotes" : 0,
  "ProfileImageUrl" : "http://graph.facebook.com/896620623/picture?type=large",
  "AccountId" : 3510268
}
```

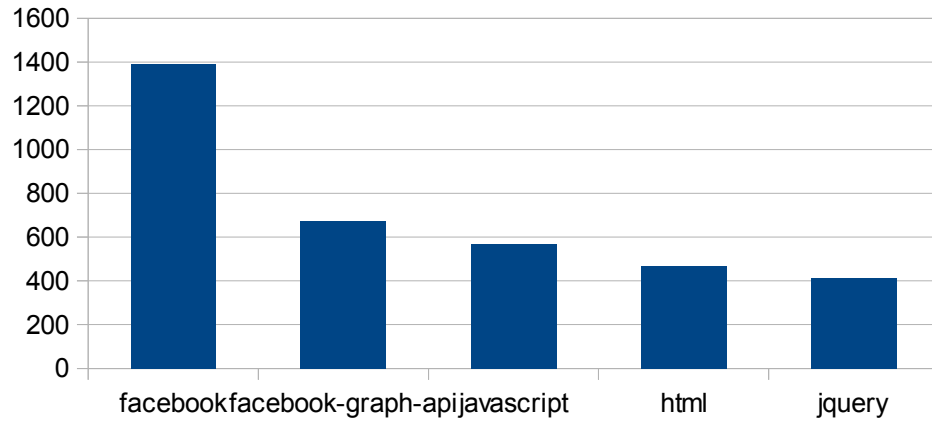
Distribution male/female

Random sample from users connected with FB:

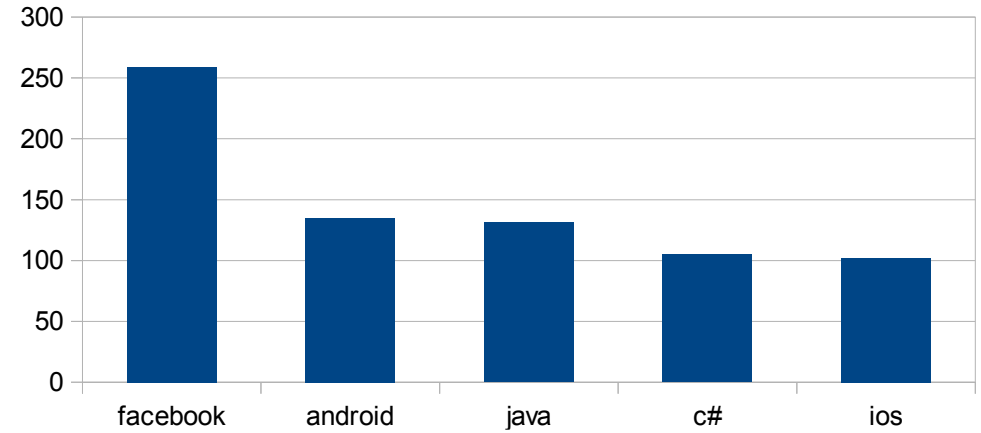
- Male: 83.5%
- Female: 16.5%
- Might be biased; not everyone links to FB

Tags

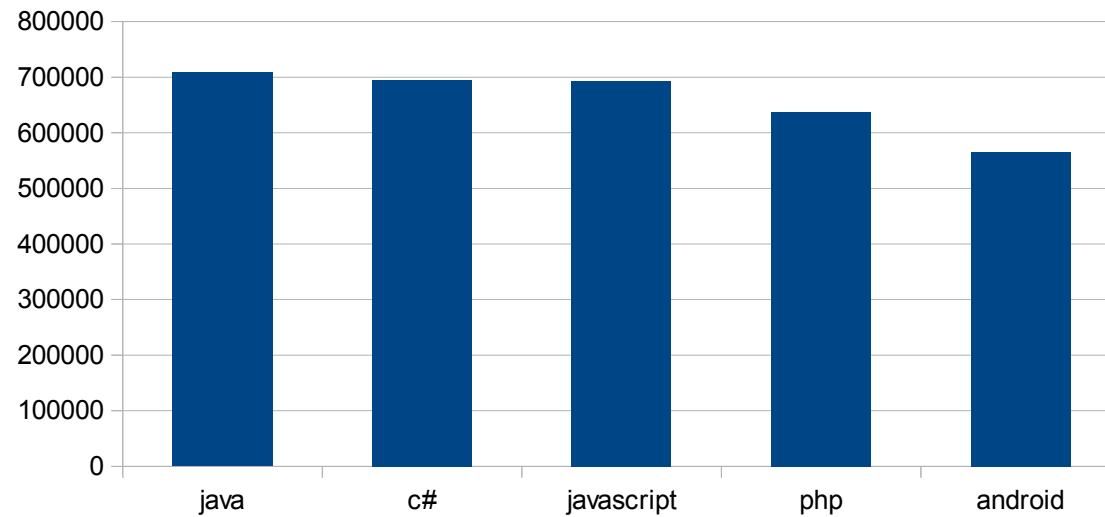
Male top 5 tags



Female top 5 tags



Most used tags



Average activity length

Subtract account registration timestamp from last activity timestamp:

- Male activity: 115 days
- Female activity: 70 days

Reputation/active day

- Male: 0.078 reputation/active day
- Female: 0.101 reputation/active day

Conclusions

- There are gender differences on StackOverflow
- Men tend to be more interested in web development
- Women are more interested in mobile apps
- Men stay longer, but lurk more
- Women are more active, but for shorter periods