An introduction to Git and GitHub

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Version control
Version control

- Who?
- What?
- When?
- Why?
Version control

• Who?
• What?
• When?
• Why?
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• What?
• When?
• Why?
Version control

“Version control is as fundamental to programming as accurate notes about lab procedures are to experimental science”

GitHub activity dashboard.

Octoboard is based on GitHub Archive: each day, it scans new GitHub events archives and computes a few stats, with a 15 days history. You can see some general data on this page, or use menu for more information about language and history.

Since march 11th, 2012:

- **Global Activity**
  - 62,386,972
  - +146,783 / day
  - Yesterday: It was a normal day, they were up 5% above average.

- **Created Repositories**
  - 3,028,861
  - +7,127 / day
  - Yesterday: It was a good day, they were up 17% above average.

- **Open Sourced Repositories**
  - 55,447
  - +130 / day
  - Yesterday: It was a normal day, they were up 4% above average.

- **Forked Repositories**
  - 2,225,879
  - +5,297 / day
  - Yesterday: It was a normal day, they were up 7% above average.

- **Opened Pull Requests**
  - 501,755
  - +2,093 / day
  - Yesterday: It was a bad day, they were down 26% below average.

- **Opened Issues**
  - 2,219,476
  - +5,222 / day
  - Yesterday: It was a normal day, they were down 12% below average.

- **New GitHub Pages**
  - 120,251
  - +283 / day
  - Yesterday: It was a normal day, they were up 13% above average.

- **Created Gists**
  - 1,142,980
  - +2,566 / day
  - Yesterday: It was a very bad day, they were down 86% below average.

Here is the real time implementation of the exploration of expressions of emotions in commit messages. You can see the languages with the most anger, joy, amusement, surprise, issues and swearing of the day! And the least too.
For pointers to further documentation, see
http://www.opensourcebrain.org/projects/gitintro/wiki/Wiki