**Introducing Nonacat (Guerilla Hacking an Extra Arm onto GitHub)**

GitHub, as instrumental as it is, knows that they cannot possibly offer a one-size-fits-all service that meets the needs to every OSS project. With that in mind, come join Nik Molnar, co-founder of Glimpse, for a session on how to extend GitHub by leveraging their API’s, cutting edge web technologies and free/open source tools to provide users, contributors and project maintainers with a better overall experience.

This session is not about Git itself and is suitable for OSS project maintainers and all users of GitHub.

**OUTLINE**

1. Introduction
   1. Who am I?
   2. Why this talk – image of my GitHub feature request
   3. Web is an extensible platform – take matters into your own hands
   4. Agenda – basically a series of tips and tricks
2. Leverage the Full Power of GitHub
   1. GitHub markdown
      1. language syntax highlighting - <https://github.com/github/linguist/blob/master/lib/linguist/languages.yml>
      2. Emoji’s - <http://www.emoji-cheat-sheet.com/>
      3. Cross repo issue linking - <https://github.com/blog/967-github-secrets> & team mentions <https://github.com/blog/1121-introducing-team-mentions>
      4. Readme.md
         1. Build status icons
      5. Contributing.md
      6. Markdownpad
   2. Keyboard shortcuts
   3. Wiki integration as a repo – diagram needed here
3. Benefits of conventions
   1. File Names
      1. 5minfork.com - <http://www.5minfork.com/> - oss0-60 example
   2. Tag Names
      1. Huboard - <http://huboard.com/>
   3. Gists
      1. jsFiddle integration - <http://doc.jsfiddle.net/use/gist_read.html>
4. Benefits of standards
   1. OpenSearch – plus <https://github.com/search#search_cheatsheet_pane>
   2. RSS/Atom - <https://github.com/nikmd23/scratchPad/commits/master.atom> to ifttt.com and use blink, hue or belkin stuff
5. Browser Extensions
   1. FireFox - <https://addons.mozilla.org/en-US/firefox/addon/github-notifier/?src=search>
   2. Do Mobile apps count here?
6. UserScripts
   1. Issue voting – <http://github.com/nikmd23/voterScript>
7. WebHooks
   1. Coverage of what a webhook is
   2. HipChat
   3. Testing a web hook via <http://requestb.in/> and <http://pagekite.net/>
8. API
   1. Coverage of oAuth
   2. revision.io
   3. Team city intergration - http://hadihariri.com/2013/02/06/automatically-building-pull-requests-from-github-with-teamcity/
   4. signatory.io
9. Bonus!
   1. Azure Websites deployment
   2. AsciiFlow - <http://www.asciiflow.com/>
   3. Web Sequence Diagrams - [www.websequencediagrams.com/](http://www.websequencediagrams.com/)
   4. Memofon - <https://www.memofon.com/>
   5. UML - <http://yuml.me/>

What about?

- jabbot? or Hubot with Skype? - https://github.com/github/hubot/wiki

- sprint.ly & pivotol tracker

- Cloud 9 integration - <https://docs.c9.io/setting_up_github_workspace.html>

- BONUS - <http://issue2pr.herokuapp.com/>

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