

Social Coding

Participating in
Open Source Communities

Deepak Garg

OpenStack Developer, Citrix R&D



Social Coding by **Deepak Garg** is licensed under a
Creative Commons Attribution-NonCommercial-NoDerivs 3.0 Unported License
Based on a work at github.com.

Social Coding

- What is Open Source ?
- Philosophy and Licenses
- Social Coding – a new culture
- It gets better !
- Participating
- Writing Open Source
- Oh what the heck !
- OpenStack

What is Open Source ?

- Open Code
- Open may not be free
- Free may not be open
- Licenses and terms

Philosophy and Licenses

- Licenses may vary in copyright, distribution and usage
- GPL 1, 2, 3, BSD, CreativeContent, Apache, Mozilla, Write your own etc.
- Hence communities → Ubuntu, Debian, Linux, RedHat, Xen, Qemu etc.

Social Coding – a new culture

- Version Control → CVS vs DVCS
- Git, Bazaar, Mercurial
- Launchpad, Github, Gitorious, Bitbucket
Issue Tracking
Community Management
- People share every small thing they write,
people contribute, they make, break,
open teaming, open discussion, mailing lists,
open documentation

It gets better !

- Open Code review -
<https://review.openstack.org/#change,3207>
- Open Meetings – IRC webchat.freenode.net
- Open Design – Conference and Design Summits

Participating

- Be a Hacker
 - Play with the software
 - Read the Doc
 - Is the issue known ?
 - Find the problem ?
 - Work arounds/fixes
 - Email the mailing list
- Community Etiquette
 - Polite, intelligent, techie ... a member of community

Writing Open Source

- Why => LICENSES
 - Fun → Debian
 - Business → LGPL
 - Chill Out → BSD
- Always always read every bit of the license
- Want a Community
 - Blog, screencast, talk to people
 - Drop your ego
 - Everyone needs more more more
 - Invite people to share ideas, work

Oh what the heck !

- Security
- Business \$\$\$ RedHat, Citrix, Ubuntu and many others
- Different Business Strategies (Netscaler)
- Learning Opportunities → learn & grow & learn & grow
- Get free and give free
- Github is my new Resume

OpenStack

- IITians are Viruses – A grade
 - Skillsets
 - Virtualization → kvm, qemu, libvirt, virsh
 - More → python, git, bash, linux freak
 - Concepts → IaaS, AWS
- MOTIVATION !

I am There !

deepakgarg.iitg@gmail.com

Our Team: launchpad.net/~iit