

Hudson, GitHub and SCM Internal Seminar

9/15/09

SCM

- SCM --> Software Configuration Management
 - SE Discipline
 - Source control, build servers, automation, the "piping"
- Why SCM?

Source Control

- Importance
- Source Control: git
- Cloud: GitHub
- Why git?
 - Local / remote repos
 - Branching!
 - Demo...

Build Servers

- Build servers are automation servers
 - Types: forced, nightly, interval, continuous
 - Our strategy: nightly + continuous

Hudson

- Build by/for Java
- Can run multiple jobs in self contained environment
- Extensible!

Jobs

- Jobs are a logical set of automation scripts
- Demo: create a job..

Plugins

- Hudson's extensibility: easy!
- Demo: our plugins..

Twitter Integration

- We are using twitter for engineering journals.
- Supports some time features: demo this!

Questions?