

MSR 2012 @ ICSE

- Mining Software Repository 2012 @ ICSE
 - MSR(MicroSoft Research) talk @ MSR(Mining Software Repositories)
 - Towards Improving BTS with Game Mechanisms
 - GHTorrent
 - The evolution of software
 - Do Faster Releases Improve Software

Quality?

- Security vs Performance Bugs in Firefox
- - topiccommit
 - slide
 - !

Mining Software Repository 2012 @ ICSE

MSR Yang

"Japan, Japan"

MSR(MicroSoft Research)
talk @ MSR(Mining Software
Repositories)

Keynote(MicroSoft Research @ Asia ,MSR
Asia)ZhangMSRMSR

Towards Improving BTS with Game Mechanisms

<http://www.juelonsoftware.com/items/2008/09/15.html>

Issue Tracking stackoverflowOpen
Software Community

GHTorrent

<http://www.slideshare.net/gousiosg/ghtorrent-githubs-data-from-a-firehose-13184524>

Data exporter for github. Githubgit
wikigit issues, commit comments
github api apitorrentdownload bson
MongoDBSchemaMySQL

gitrepo wikigitolitegit

The evolution of software

keynotes, social media GithubIDE
social media

Do Faster Releases Improve Software Quality?

Firefox

bugcrash bug

Security vs Performance Bugs in Firefox

bugregression

topiccommit

git Mining

git branchgitcommit bug branch
commitbranchbranch commit

commitcommit

topic commitcommit

slide

Incorporating Version Histories in Inform
ation Retrieval
Based Bug Localization

beamer overlayiteratebeamer
mindmap3slide beamer

Towards Improving Bug Tracking Systems wi
th Game Mechanisms

prezitransition

AppleKeynoteKeynote Powerpoint
defaultthemePPT keynote

PowerpointMSRAPowerpoint beamer
headerfooteroverlay itemPowerpoint

Green Mining: A Methodology of
Relating Software Change to Power Consump
tion

[http://softwareprocess.es/a/greenmining-
presentation-at-queens-20120522.ogv](http://softwareprocess.es/a/greenmining-presentation-at-queens-20120522.ogv)

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MSR2012Mining Challenge
XboxKinect

Mining Android Bug

