MSR 2012 @ ICSE

- Mining Software Repository 2012 @ ICSE
  - MSR(MicroSoft Research) talk @ MSR(Mining Software Repositories)
  - Towards Improving BTS with Game Mechanisms
  - GHTorrent
  - Topic Mining
  - SeCold

- The evolution of software
- Do Faster Releases Imporve Software Quality?
- Security vs Performance Bugs in Firefox
- ....
    - commit
    - slides
    - ....

Mining Software Repository 2012 @ ICSE

MSRUniversity of Zurich 3Yang "Japan, Japan"

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

MicroSoft Research @ Asia, MSR Asia Keynots MSRMSRMSRDongmei Zhang Software AnalysisXIAOXIAOMSRACode Clone DetectorXiao

Towards Improving BTS with Game Mechanisms

http://www.joelonsoftware.com/items/2008/09/15.html

Issue Tracking stackoverflow wikipediaIssue Tracking MSDNwikipedia MSDN wikipedia

GHTorrent

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

Data exporter for github. Githubgit wikigit issue trackingcode comments github api apitorrentshistorygithub api

jsonbsonMongoDBSchema MySQLSQL

GitWiki TorrentGit git blame code comment gitraw dategit github

Topic Mining

DE AICFirefox, Mylyn, Eclipse Repoidentifiercomments topicbugtopicbug bug bug

Slide

SeCold

A linked data platform for mining software repositories

The evolution of software

Do Faster Releases Imporve Software Quality?

Firefox

bugcrashbug

Security vs Performance Bugs in Firefox

Performance bugs are regression, blocks release.

commit

gitMSR gitbranchgit commit commitbugfeature commit

commit

issuecommit

slides

``Incorporating Version Histories in Information Retrieval Based Bug Localization'' slidebeameroverlay beamerslide 3slidebeamer

``Towards Improving Bug Tracking Systems with Game Mechanisms'' prezi

Apple KeynotesKeynotesPowerpoint

PPTMSRAPPTbeamer overlayPPT

``Green Mining: A Methodology of Relating Software Change to Power Consumption''slide``
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http://softwareprocess.es/a/greenmining-presentatation-at-queens-20120522.ogv

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MSR2012Mining Challenge Xbox Kinect

Mining Android Bug

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