Opensourcing of research -
a new way of collaborating?

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Overview

Past – present – and future:
  • SCM issues in industrial opensourcing
  • ???
  • SCM for Globally distributed Software Development
What is SCM?

Traditionally:
- configuration identification
- configuration control
- configuration status accounting
- configuration audit

Pragmatically (Wayne Babich):
- co-ordinating a team
- communication in a team

http://fileadmin.cs.lth.se/cs/Education/EDAN10/
A bit of history

• Asklund & Bendix, 2002:
  • A study of SCM in OSS projects

• EDAN10 students: OUTDATED!

• SCM for OSS revisited:
  • industrial perspective
  • personal network
How did it go?

• “OSS project” started late April 2011…

• …after a couple of “false starts”

• “case studies”

• analysis framework

• issues identified

• results “documented” in a workshop paper
  • REMIDI, Helsinki, Finland, August 2011
But more wants more…

• felt like we had just scratched the surface
• very good response from the workshop(s)
• distribution aspect was the real problem

However:

• resource “problems”
• all revved up and ready to continue
Pre-requisites

• I needed money
• I needed man-power
• I am hyper-allergic to bureaucracy
• I detest waiting (in line)
• I loathe wasted work

Input/inspiration from:
  • open source community
  • personal friends
Overall design

Project period: one year
Project start: next month

Lars Bendix:
- 200 hours (~4h/w)
- 25 KSEK

Inner circle (3-5 people):
- 80 hours (~1.5h/w)
- 25 KSEK

Outer circle (10-15 people):
- 10-15 hours (~1h/m)
- 0 KSEK
Reactions?

“I talked to my boss and we are definitely interested”
(mail arrived 6 minutes after “call for interest”)

“Good to have this moving so fast”

“Sounds like an interesting project – are there still places in the inner circle?”

A total of 15 people registered interest:
• 7 joined the project
• 3 reclined for various reasons
• 2 are waiting for “permission”
• 3 are ???
What is in it for “me”?

Resources:
- 540-825 man hours
- 100-150 KSEK

Visibility:
- Scandinavian SCM day
- ICGSE conference

Papers/reports:
- “technology” transfer

Case studies:
- one from each inner circle (plus the OSS case)

Workshop:
- half day end-of-project reporting in company
Will it work?

• inner circle: 3 – 4/5 people

• outer circle: 4 – ? people

• “started” yesterday

• greatest satisfaction?

• greatest disappointment?

Pragmatically (Wayne Babich):
• co-ordinating a team
• communication in a team
...and by the way – The OSS Results

Setting up:
• low “entrance fee”
• moderator
• architecture/design

Participating:
• create patches
• keep tasks distinct
• keep in sync

Using:
• contribute – or sweat

http://fileadmin.cs.lth.se/cs/Personal/Lars_Bendix/Publications/BKM11/abstract.html
http://snescm.cs.lth.se/