

Minutes - 29 April 2008

Final Release Presentation

Attendance:

Bill Junk
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Curt Stein
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Nate Eklund
Bruce Mayes (phone)

Presentation

Title Slide

Corrections: 1.3.0 -> 1.4.0, Beta -> Final

Customer Motivation

Solution Requirements

Use Case #1: Turmoil Between Labels

Corrections: Labels -> Revisions

Use Case #2: Turmoil Between Rom Builds

Use Case #3: Code Size Measurement

Corrections: Add more bullets for clarity

Features

Action Item: Double check algorithm selection

Corrections: Local Files -> Local Repository

Call Tree

Execution Flow

Question about "FileTurmoil" not returning

FileTurmoil just compares one file

Architecture

Status

Corrections: old tool -> clear case tool

Question on status of process etc.

Defects Status

"path not found" error not fixed (not reproduced)

"svn stat" error fixed (https wasn't checked)

"occasional folders left after cleanup" error

Bruce has left over temp files, not directories

Performance

sparse is default

benchmarking consistency is good

Action Item: Total time is better metric for graph

Values

Consistency a bit weak

Commitment: individual delivers to team when assigned

Teamwork

Some pigeon-holing occurred

Question: What would we change "next time"

Meet when Robbie did the major code changes

Distribute the testing, test before committing

HP way:

High level design

talk as a team

then code

also deliver tests with changes

frequent code reviews

Risks

Get install files for environment

Send more updates

Incremental, exploratory tools

Schedule

Average Hours Per Week

Work Distribution

System & Software Design a little light

Equal code and test time

Code size chart

Test harness around 300 lines of code

No bump at the end if testing not included

Daily Turmoil

Spike two-three days ago were test harness changes

Pretty stable after 10 or 11 of Apr

Spike: test harness development in parallel and not measured

Total Turmoil

3500 lines of turmoil for 1500 lines of code? Wow!

HP sees 30 - 40% turmoil difference between weekly vs total

Change upon change

Daily TestHarness Turmoil

Total TestHarness Turmoil

Again about 2x turmoil to code size

Testing

Lots of hand tests

Testing

what we would have done

Testing

Add tests, prune tests

Defects History

Retrospective

ASK

What we learned

The plan:

Go through log files

Identify problem

Write some probes

Fix the problems

Bruce stopped testing, may uncover more problems later

At LEAST one message each day

No meeting next Tuesday