#### **Software Verification**

# **Final Presentation**

Т3

200711453 류진렬

200711477 황진수

200711428 박기성

201360220황 민

200312489 유현덕

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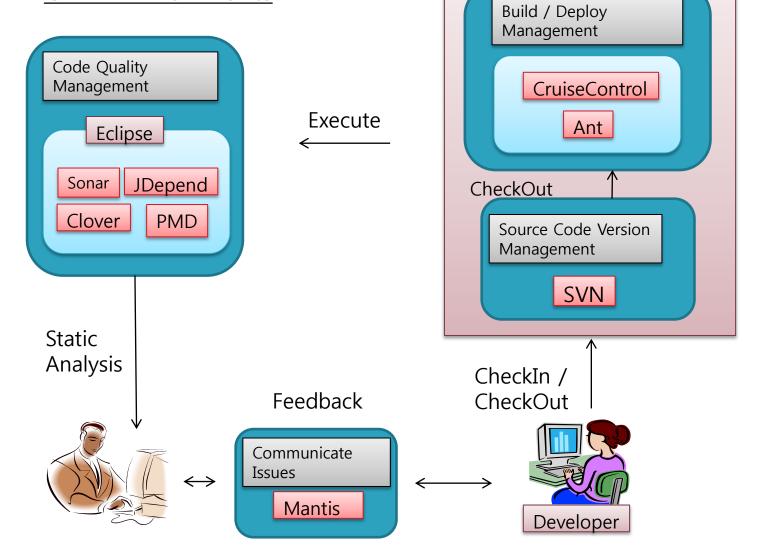
- Our Team Activities & Result
- What we've learned?

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- Our Team Activities & Result
- What we've learned?

# **CTIP**

CTIP Environments



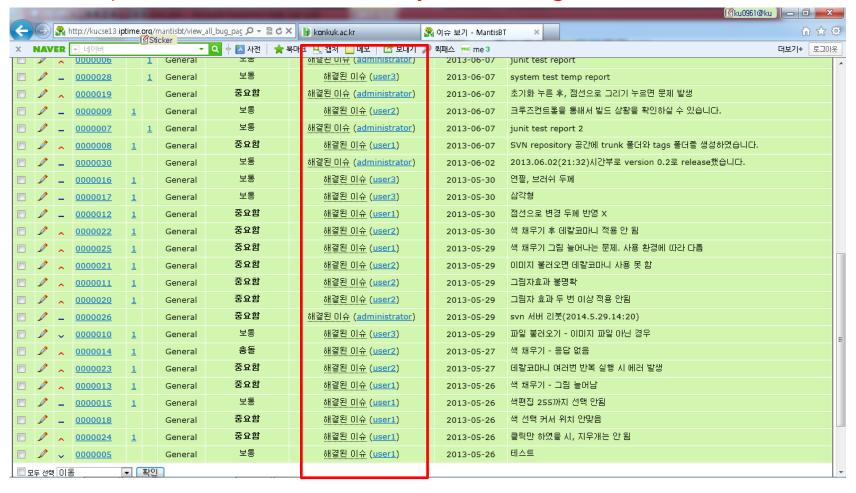
New Millenium Hall Room.#605



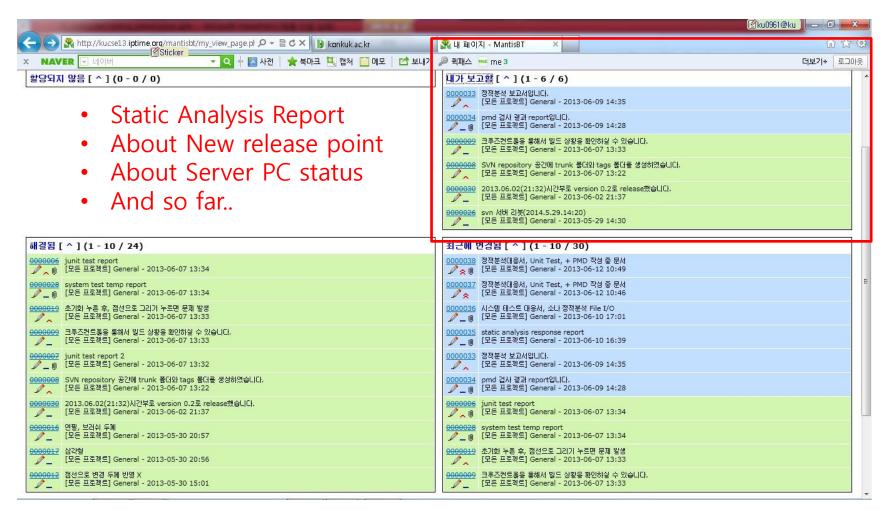


#### Mantis

Report failed test cases after System Testing



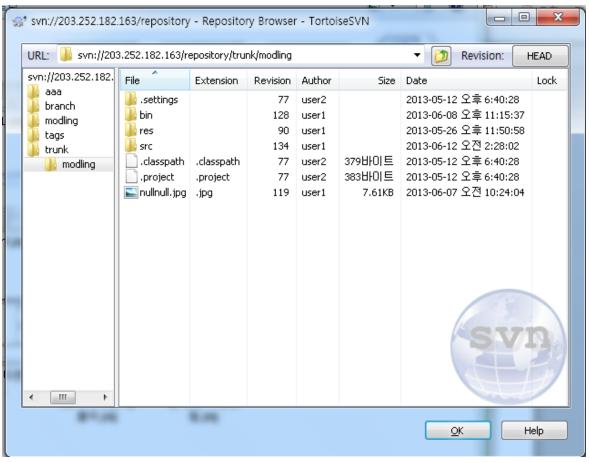
#### Mantis



#### SVN

Location : repository/trunk/modling/

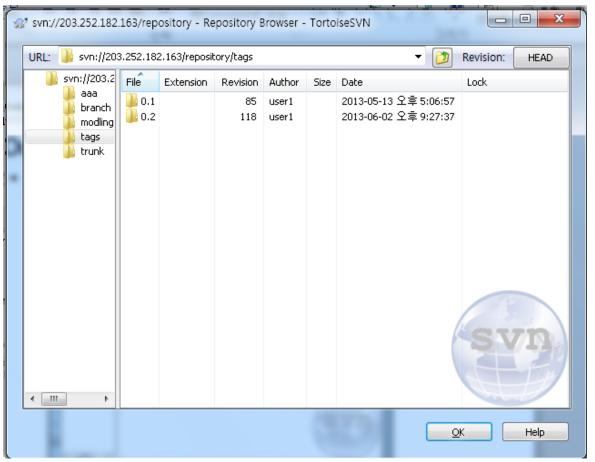
Revision: 134



#### SVN

Location: repository/tagsk/modling/

Releision::2134



#### What We've learned?

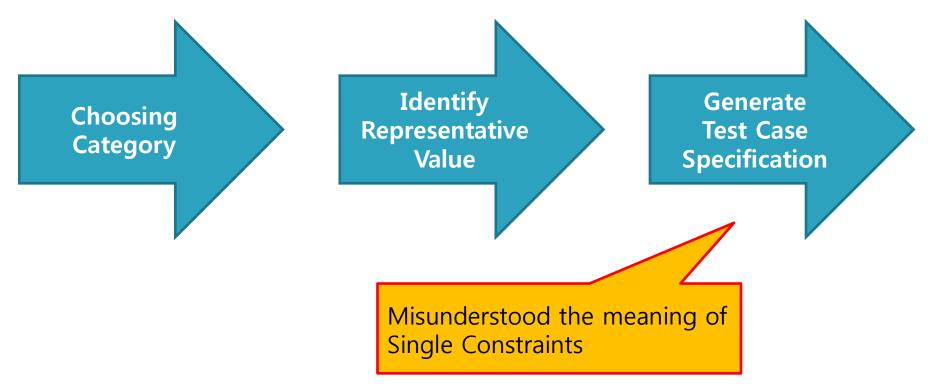
#### CTIP

- The process about large scale project.
- Importance of Periodic(Automated) integration & testing
- Usefulness of source code version Management System

# System Testing

System Testing – Combinatorial Testing

#### **Category Partitioning -> Test Cases**



#### What We've learned?

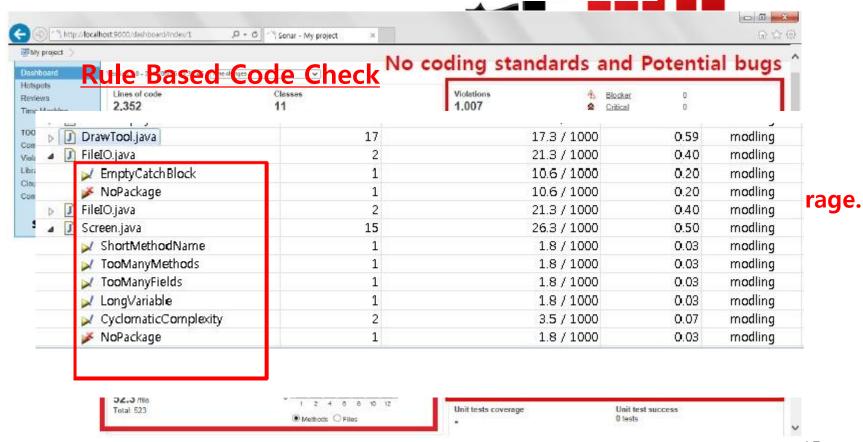
## System Testing

- Better Category partitioning, better detection of error.
- Impossible to find all errors
- Tester's knowledge and experience are important.
- Requirements Spec need to be verifiable for System Testing

(also validate)

# Static Analysis

System Testing & Static Analysis



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#### What We've learned?

## Static Analysis

- Choose proper Static Analysis Tools with target program.
- Understand the meaning of metrics from Static Analysis tools.
- Analyze the code status and advise the developer for the better program
- Even if it achieve 100% code coverage, it is not meaning of "NO ERRORS"