

# Mantis, SVN & CTIP

---

Team 2

200910793 임민우

200911388 박미관

200911412 이영준

# Index

---

Mantis

SVN

CTIP

---

# Mantis

---

# Mantis\_what is Mantis?

---

□ Bug Tracking System

□ 오픈소스

□ APM환경 기반

# Mantis\_Advantage

---

- 설치가 간단함
- 프로젝트 단위로 이슈 관리
- 버그에 대한 히스토리가 저장
- E-mail 알림
- SVN등 소스 버전 관리 시스템이랑 연동

# Mantis\_System Environment

---

Linux (Cent OS 5.8)

Apache 2.2

MySQL 5.1

PHP 5.3.8

# Mantis\_Install

---

## □ 다운로드

```
[root@localhost tmp]# wget http://downloads.sourceforge.net/project/mantisbt/mantis-stable/1.2.1/mantisbt-1.2.1.tar.gz
```

## □ 압축 해제

```
[root@localhost tmp]# tar zxvf mantisbt-1.2.1.tar.gz
```

## □ Apache로 이동

```
[root@localhost mantis]# pwd  
/usr/local/apache/htdocs/mantis
```

# Mantis\_Setting

---

- <http://dev.viskit.co.kr:20080/Mantis/admin>세팅 후 삭제
- Config\_inc.php 파일 수정

```
# set these values to match your setup
$g_hostname      = 
$g_db_username   = 
$g_db_password   = 
$g_database_name = 
$g_db_type       = 

# --- email variables -----
$g_administrator_email = 
$g_webmaster_email     = 

# the "From: " field in emails
$g_from_email          = 

# the return address for bounced mail
$g_return_path_email  = ' ' ;
```



# Mantis\_사용방법 (로그인)

---

- ❑ <http://dev.viskit.co.kr:20080/mantis> 접속 -
- ❑ 관리자 계정으로 로그인



<b>Login</b>	
<b>Username</b>	<input type="text" value="admin"/>
<b>Password</b>	<input type="password" value="*****"/>
<b>Save Login</b>	<input type="checkbox"/>
<input type="button" value="Login"/>	

[ [Signup for a new account](#) ] [ [Lost your password?](#) ]

**WARNING:** Admin directory should be removed.

# Mantis\_사용방법 (로그인 후 화면)

## □ 상단 메뉴 - Manage 클릭



Logged in as: *admin* (어드민 - administrator)

2014-04-17 19:32 KST

Project: All Projects

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

Issue #

Recently Visited: 0000002, 0000001

### Unassigned [^] (1 - 2 / 2)

[0000002](#) test  
[testtttt] - 2014-04-17 18:30

[0000001](#) test  
[testtttt] - 2014-04-17 16:29

### Resolved [^] (1 - 1 / 1)

[0000001](#) test  
[testtttt] - 2014-04-17 16:29

### Monitored by Me [^] (0 - 0 / 2)

### Reported by Me [^] (1 - 2 / 2)

[0000002](#) test  
[testtttt] - 2014-04-17 18:30

[0000001](#) test  
[testtttt] - 2014-04-17 16:29

### Recently Modified [^] (1 - 2 / 2)

[0000002](#) test  
[testtttt] - 2014-04-17 18:30

[0000001](#) test  
[testtttt] - 2014-04-17 16:29

[new](#) | [feedback](#) | [acknowledged](#) | [confirmed](#) | [assigned](#) | [resolved](#) | [closed](#)



# Mantis\_사용방법 (계정 생성)

## □ 계정 테이블 위에 Create New Account 클릭



Logged in as: *admin* (어드민 - administrator)

2014-04-17 19:32 KST

Project: All Projects

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

Issue #

[ [Manage Users](#) ] [ [Manage Projects](#) ] [ [Manage Custom Fields](#) ] [ [Manage Global Profiles](#) ] [ [Manage Configuration](#) ]

### New Accounts (1 Week) [4]

[user2](#) : [user1](#) : [admin](#) : [administrator](#)

### Never Logged In [1]

[user1](#)

ALL [A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#) [0](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#)

### Manage Accounts [4]

Hide Inactive

Username ▲	Real Name	E-mail	Access Level	Enabled		Date Created	Last Visit
<a href="#">admin</a>	어드민	<a href="mailto:tgbnhy02@gmail.com">tgbnhy02@gmail.com</a>	administrator	X		2014-04-16 12:56	2014-04-17 19:32
<a href="#">administrator</a>	관리자	<a href="mailto:tgbnhy02@gmail.com">tgbnhy02@gmail.com</a>	administrator	X		2014-04-16 12:47	2014-04-16 13:00
<a href="#">user1</a>	naver	<a href="mailto:tgbnhy0@naver.com">tgbnhy0@naver.com</a>	developer	X		2014-04-17 08:04	2014-04-17 08:04
<a href="#">user2</a>	gmail	<a href="mailto:tgbnhy02@gmail.com">tgbnhy02@gmail.com</a>	reporter	X		2014-04-17 08:07	2014-04-17 16:10

Mantis 1.1.6[[^](#)]

Copyright © 2000 - 2008 Mantis Group

[tgbnhy02@gmail.com](mailto:tgbnhy02@gmail.com)

20 total queries executed.

18 unique queries executed.



# Mantis\_사용방법 (계정 생성)

## □ ID, E-mail, Access Level 작성 후 생성

2014-04-17 19:53 KST

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

[ [Manage Users](#) ] [ [Manage Projects](#) ] [ [Manage Custom Fields](#) ] [ [Manage Global Profiles](#) ] [ [Manage Configuration](#) ]

Create New Account	
Username	<input type="text" value="user3"/>
Real Name	<input type="text" value="user3"/>
E-mail	<input type="text" value="pmk3745@gmail.com"/>
Access Level	developer ▼
Enabled	<input checked="" type="checkbox"/>
Protected	<input type="checkbox"/>
<input type="button" value="Create User"/>	

# Mantis\_사용방법 (Access Level)

---

## Viewer

- 버그와 버그리스트를 볼 수만 있다 (e.g. guest)

## Reporter

- 새로운 버그를 보고할 수 있다

## Updater

- 리포터와 권한이 같지만, 버그를 업데이트 할 수 있다

## Developer

- updater보다 더 많은 권한을 가지고 있고, 실제 프로젝트에 대한 개발이 가능하다

## Manager

- developers보다 더 많은 권한을 가지고 있고, 관리하고 있는 프로젝트들에 대해서 모든 권한을 가지고 있다.

## Administrator

- 모든 권한을 가지고 있다. 계정 생성, 비밀번호 초기화, 유저 추가 삭제 등

# Mantis\_사용방법 (사용자 로그인)

---

- E-mail 접속 후, Mantis 가입 메일에서 링크 클릭

[Mantis] Account registration

스팸함 x



Mantis Bug Tracker <MantisServer@localhost.localdomain>

나에게 ▾

**⚠ 이 메일이 스팸함에 있는 이유 이 메일에 주로 스팸 메일에 사용되는 콘텐츠가 포함되어 있습니다. 자세히 알아보기**

Thank you for registering. You have an account with username "user3". In order to complete your registration, visit the following URL (make sure it is entered as the single line) and set your own access password:

[http://dev.viskit.co.kr:20080/mantis/verify.php?id=6&confirm\\_hash=d16de5b7eac170a96c885adaafb00225](http://dev.viskit.co.kr:20080/mantis/verify.php?id=6&confirm_hash=d16de5b7eac170a96c885adaafb00225)

If you did not request any registration, ignore this message and nothing will happen.\n\nDO NOT REPLY TO THIS MESSAGE

# Mantis\_사용방법 (사용자 로그인)

## □ PW 설정후 update 유저 클릭

Your account information has been verified. The account confirmation message you have received is now invalid.  
You must set a password here to allow you to log in again.

Edit Account		[ My Account ] [ <a href="#">Preferences</a> ] [ <a href="#">Profiles</a> ]
Username	user3	
Password *	<input type="password" value="....."/>	
Confirm Password *	<input type="password" value="....."/>	
E-mail	<input type="text" value="pmk3745@gmail.com"/>	
Real Name	<input type="text" value="user3"/>	
Access Level	developer	
Project Access Level	developer	
Assigned Projects	SMA [developer] (public)	
* required	<input type="button" value="Update User"/>	

# Mantis\_사용방법 (프로젝트 생성)

- Manage – Manage Projects - Create New Project 클릭



Logged in as: *admin* (어드민 - administrator)

2014-04-17 19:57 KST

Project: All Projects

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

Issue #

[ [Manage Users](#) ] [ [Manage Projects](#) ] [ [Manage Custom Fields](#) ] [ [Manage Global Profiles](#) ] [ [Manage Configuration](#) ]

Projects

<a href="#">Name</a> ▲	<a href="#">Status</a>	<a href="#">Enabled</a>	<a href="#">View Status</a>	<a href="#">Description</a>
<a href="#">testttt</a>	development	X	public	



# Mantis\_사용방법 (프로젝트 생성)

## □ Project 정보 입력후 Add project

istrator)

2014-04-17 19:59 KST

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

[ [Manage Users](#) ] [ [Manage Projects](#) ] [ [Manage Custom Fields](#) ] [ [Manage Global Profiles](#) ] [ [Manage Configuration](#) ]

Add Project	
*Project Name	<input type="text" value="SMA"/>
Status	development ▾
View Status	public ▾
Upload File Path	<input type="text"/>
Description	<input type="text" value="Good Luck!!"/>
<input type="button" value="Add Project"/>	

# Mantis\_사용방법 (프로젝트 생성)

---

- 다음 화면에서 프로젝트에 사용자 추가

Add user to project

Username	Access Level	
<ul style="list-style-type: none"><li>user1</li><li>user2</li><li>user3</li></ul>	developer ▼	Add User

testtttt ▼ Copy Users From Copy Users To

# Mantis\_사용방법 (이슈 등록)

## □ Report Issue에서 Project 선택



Logged in as: *admin* (머드민 - administrator)

2014-04-18 01:54 KST

Project: All Projects ▾ Switch **RSS**

[Main](#) | [My View](#) | [View Issues](#) | [Report Issue](#) | [Change Log](#) | [Roadmap](#) | [Summary](#) | [Docs](#) | [Manage](#) | [Edit News](#) | [My Account](#) | [Logout](#)

Issue #

<b>Select Project</b>	
<b>Choose Project</b>	SMA ▾
<b>Make Default</b>	<input type="checkbox"/>
<input type="button" value="Select Project"/>	

Mantis 1.1.6[<sup>^</sup>]  
Copyright © 2000 - 2008 Mantis Group  
[tabnhv02@gmail.com](mailto:tabnhv02@gmail.com)  
13 total queries executed.  
11 unique queries executed.



# Mantis\_사용방법 (이슈 등록)

## □ 세부 정보 입력 후 이슈 등록

Enter Report Details <span style="float: right;">[ <a href="#">Advanced Report</a> ]</span>	
*Category	<input type="text" value="(select)"/>
Reproducibility	<input type="text" value="have not tried"/>
Severity	<input type="text" value="minor"/>
Priority	<input type="text" value="normal"/>
*Summary	<input type="text" value="Hello"/>
*Description	<div style="border: 1px solid #ccc; padding: 5px; min-height: 100px;">Good luck!!</div>
Additional Information	<div style="border: 1px solid #ccc; padding: 5px; min-height: 100px;"></div>
Upload File (Max. size: 2,000k)	<input type="button" value="파일 선택"/> 선택된 파일 없음
View Status	<input checked="" type="radio"/> public <input type="radio"/> private
Report Stay	<input type="checkbox"/> (check to report more issues)
<small>* required</small> <span style="float: right;"><input type="button" value="Submit Report"/></span>	

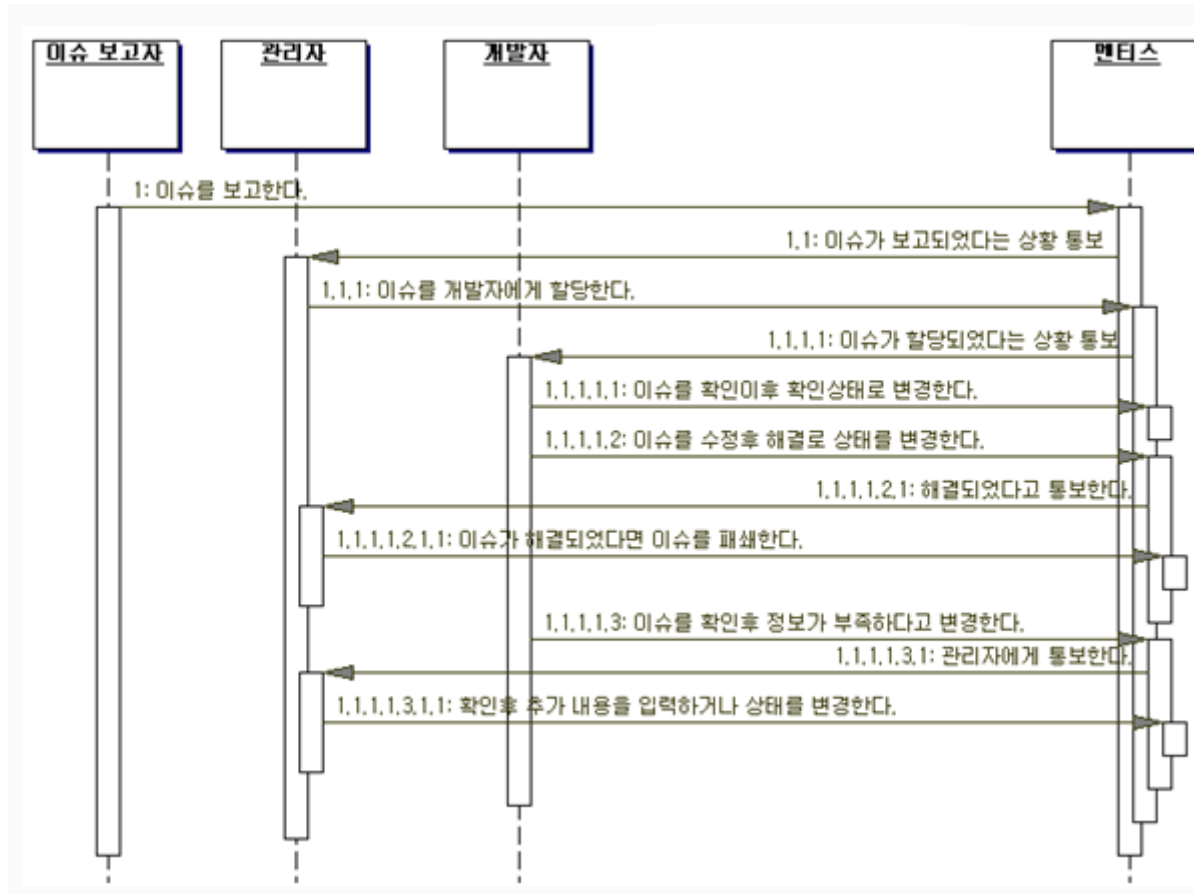
# Mantis\_사용방법 (이슈 확인)

- View Issues에서 이슈를 확인한다.

Viewing Issue Simple Details [ [Jump to Notes](#) ] [ [Send a reminder](#) ] [ >> ] [ [View Advanced](#) ] [ [Issue History](#) ] [ [Print](#) ]

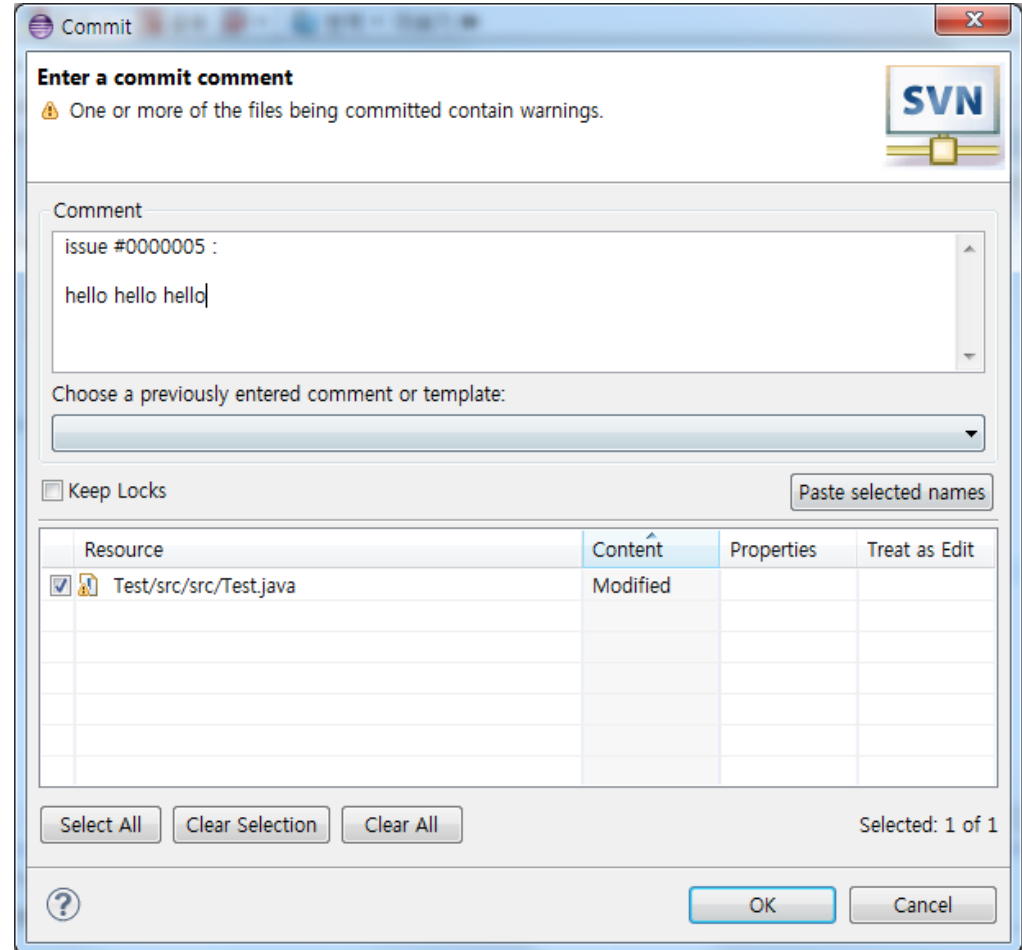
ID	Category	Severity	Reproducibility	Date Submitted	Last Update
0000006	[SMA]	minor	have not tried	2014-04-18 02:00	2014-04-18 02:00
<b>Reporter</b>	admin	<b>View Status</b>	public		
<b>Assigned To</b>					
<b>Priority</b>	normal	<b>Resolution</b>	open		
<b>Status</b>	new				
<b>Summary</b>	0000006: Hello				
<b>Description</b>	Good luck!!				
<b>Additional Information</b>					
<b>Tags</b>	No tags attached.				
<b>Attach Tags</b>	(Separate by ",") <input type="text"/> Existing tags <input type="button" value="Attach"/>				
<b>Attached Files</b>					

# Mantis\_사용방법 (이슈 흐름도)



# Mantis\_with SVN

- Mantis와 SVN 연동 성공!
- Comment를 작성
- Mantis의 Issue와 연동




# Mantis\_with SVN

## □ 등록된 Issue의 내용 변경됨

Ⓜ Search:   [\[ Advanced Filters \]](#) [\[ Create Pa...](#)

**Viewing Issues (1 - 1 / 1)** [\[ Print Reports \]](#) [\[ CSV Export \]](#)

		<u>P</u>	<u>ID</u>	<u>#</u>	<u>Category</u>	<u>Severity</u>
<input type="checkbox"/>			0000005	<u>1</u>		minor

Select All

new	feedback	acknowledged	confirmed	assigne...
-----	----------	--------------	-----------	------------

Mantis 1.1.6[[^](#)]  
Copyright © 2000 - 2008 Mantis Group  
[tqbnhy02@gmail.com](mailto:tqbnhy02@gmail.com)



# Mantis\_with SVN

## □ 이슈 클릭시 자세한 정보 확인 가능

Viewing Issue Simple Details [ [Jump to Notes](#) ] [ [Send a reminder](#) ]

ID	Category	Severity	Reproducibility
0000005	[SMA]	minor	N/A
<b>Reporter</b>	user3	<b>View Status</b>	public
<b>Assigned To</b>			
<b>Priority</b>	normal	<b>Resolution</b>	fixed
<b>Status</b>	new		
<b>Summary</b>	0000005: Test issue		
<b>Description</b>	hello world		
<b>Additional Information</b>			
<b>Tags</b>	No tags attached.		
<b>Attach Tags</b>	(Separate by ",") <input type="text"/> Existing tags <input type="button" value="Attach"/>		
<b>Attached Files</b>			

---

**Relationships**

**New relationship** Current issue

---

**Upload File**

**Select File** (Max. size: 2,000k)

---

There are no users monitoring this issue.

---

**Notes**

(0000018)  
**user2** (reporter)  
2014-04-17 21:18

issue 0000005 :  
hello hello hello

# Mantis\_with SVN

---

## □ Mantis에서 config\_inc.php 파일 수정

```
#mantis-svn
$g_source_control_account = 'user2';
$g_source_control_notes_view_status = VS_PRIVATE;
$g_source_control_regexp = '/\b(?:bug|issue)\s*[\#]{0,1}(\d+)\b/i';
$g_source_control_set_status_to = NONE;
$g_source_control_set_resolution_to = FIXED;
```

- Account : SVN 계정
- Regexp : comment 정규식
- Set\_status\_to : 변경될 이슈 상태

# Mantis\_with SVN

---

## □ SVN에서 /hook/post-commit 생성

```
1 #!/bin/bash
2
3 export LANG="ko_kr.UTF-8"
4
5 REPOS="$1"
6 REV="$2"
7
8 log=$(svnlook log -r $REV $REPOS)
9
10 /usr/local/php/bin/php -q /usr/local/apache/htdocs/mantis/core/checkin.php <<<
    "$log"
```

## □ SVN에서 commit을 하면 해당 내용을 Mantis로 보냄

---

# Subversion

---

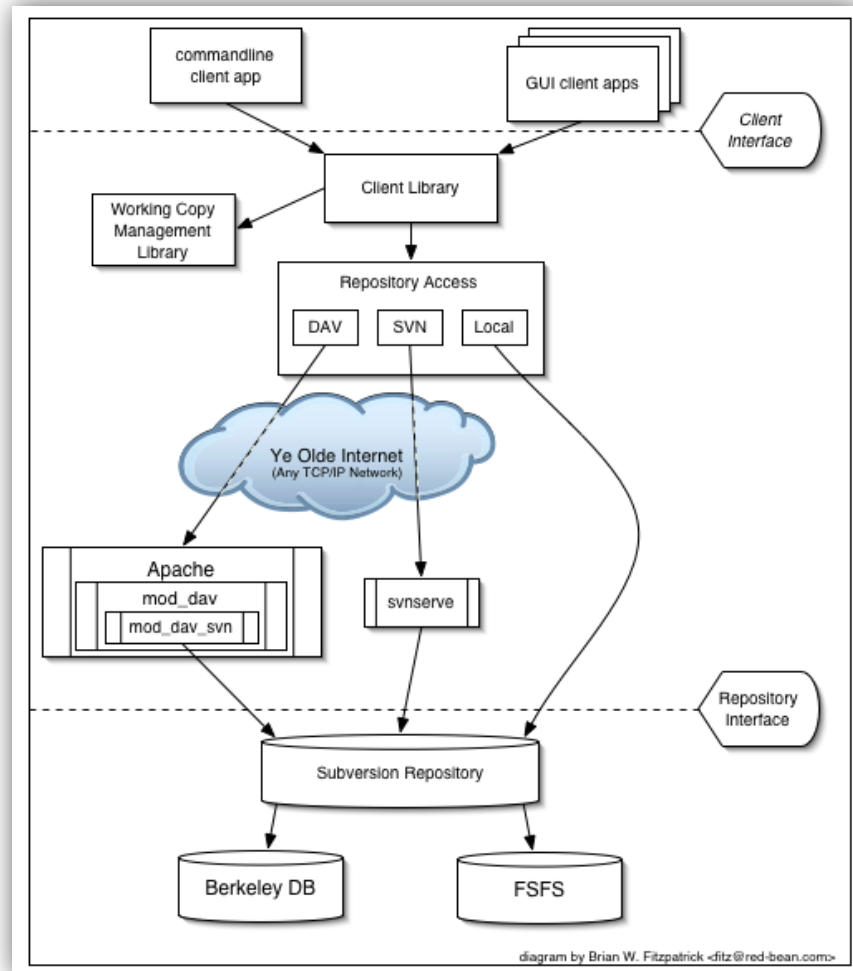
# SVN\_What is Subversion?

---

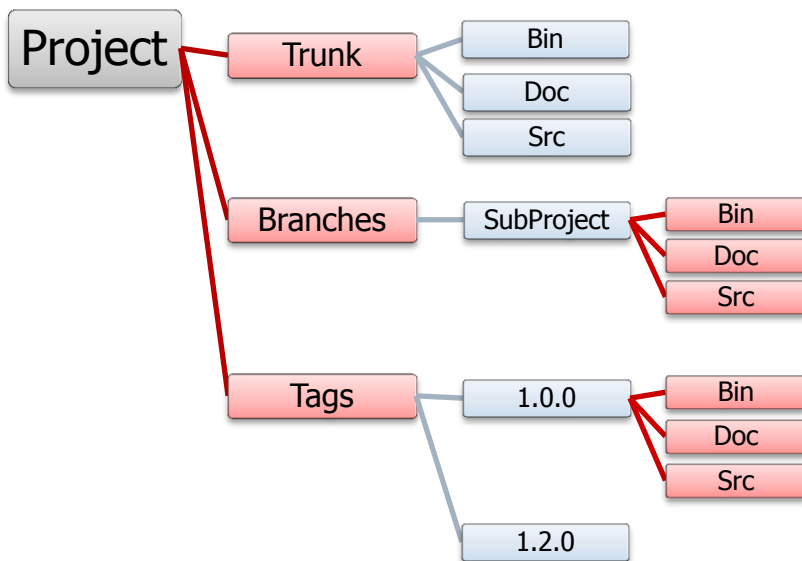
- 소스 코드 버전 관리 시스템
- 충돌 없이 팀 단위의 동시 개발 가능  
(copy-Modify-Merge 패턴)
- 소스를 백업하거나 롤백 가능
- 소스 수정, 추가, 삭제 등 기록이 로그로 남음

# SVN\_What is Subversion?

- 서버와 클라이언트로 구성
- 서버 내부에 프로젝트마다 Repository 존재
- 각각의 클라이언트는 하나의 Repository에 접근하여 소스를 읽거나 갱신



# SVN\_Repository



## □ Trunk

- 프로젝트의 중심이 되는 폴더
- 실제 개발은 이곳에서 진행

## □ Branches

- Trunk에서 뺀어 나온 또 하나의 프로젝트로 메인 프로젝트에서 분기하여 따로 개발

## □ Tags

- 버전 업이나 특정 시점에서 프로젝트 전체를 복사하여 보관하는 곳

# SVN\_install & setting (server)

---

## □ 다운로드 및 설치

```
[root@localhost svn]# yum install subversion
```

## □ 저장소 생성

```
[root@localhost svn]# svnadmin create --fs-type fsfs 2014SV
```



# SVN\_setting (server)

---

## □ /etc/sysconfig/subversion 생성

```
OPTIONS="--threads --root /usr/local/apache/htdocs/svn/ --listen-port 3867"
```

- Port : 3867 세팅

## □ /저장소/conf/svnserve.conf 수정

- 권한이 있는자만 접속
- Passwd
- authz

```
[general]
anon-access = none
auth-access = write
password-db = passwd
authz-db = authz
```

# SVN\_setting (server)

---

- Authz : 권한 부여
- Passwd : 패스워드 설정

```
[root@localhost conf]# ll
total 12
-rw-rw-r-- 1 root root 1056 Apr 16 12:17 authz
-rw-rw-r-- 1 root root 331 Apr 16 10:47 passwd
-rw-rw-r-- 1 root root 1076 Apr 18 03:04 svnserve.conf
```

- /etc/sysconfig/iptables 방화벽 추가

```
-A INPUT -p tcp -m tcp --dport 3867 -j ACCEPT
```

# SVN\_setting (server)

---

## □ 서비스 시작

```
[root@localhost conf]# service svnserve restart
Stopping svnserve: [ OK ]
Starting svnserve: [ OK ]
```

## □ 서버 정상 가동 확인

```
[root@localhost conf]# ps -ef | grep svn
root      12003      1  0 03:09 ?        00:00:00 /usr/bin/svnserve --daemon --pid-fi
le=/var/run/svnserve.pid --threads --root /usr/local/apache/htdocs/svn/ --listen-po
rt 3867
```

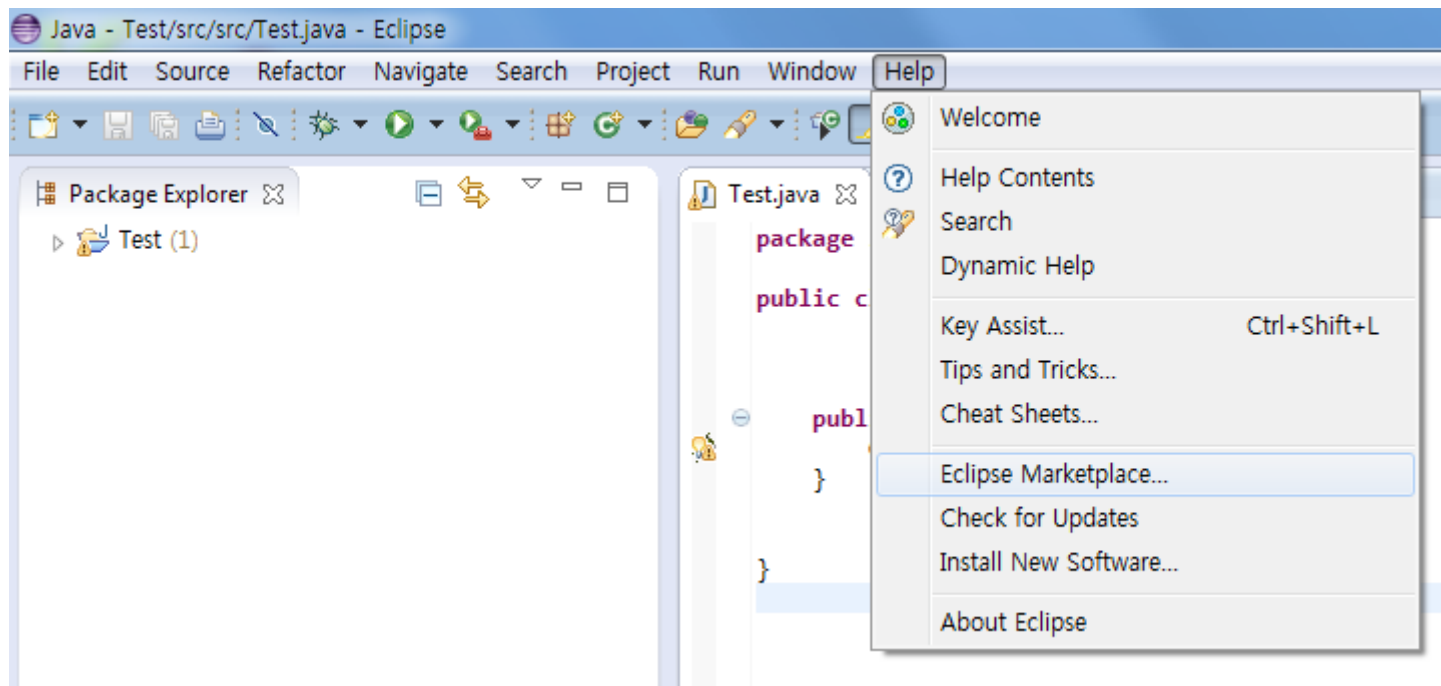
## □ SVN 주소

➤ <svn://dev.viskit.co.kr:23867/2014SMA>

# SVN\_install (client)

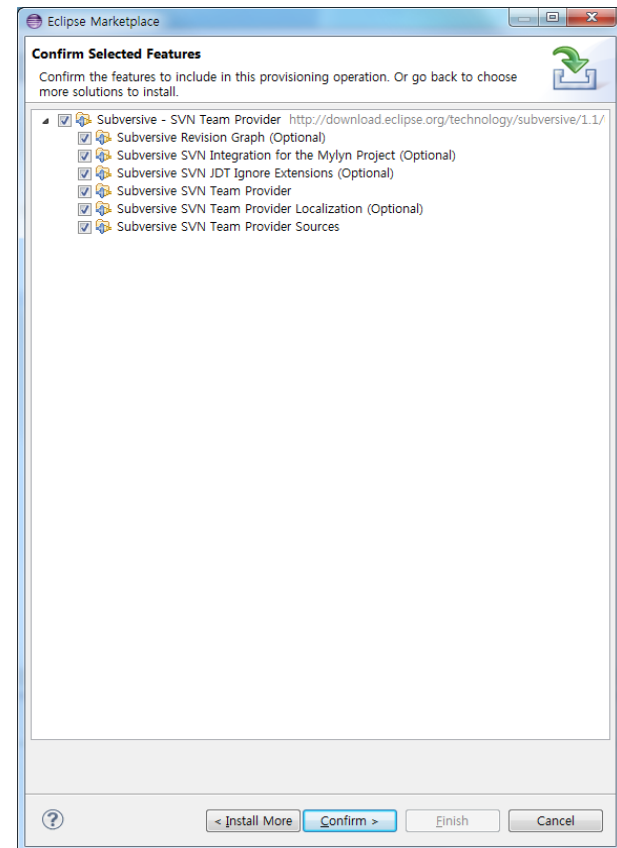
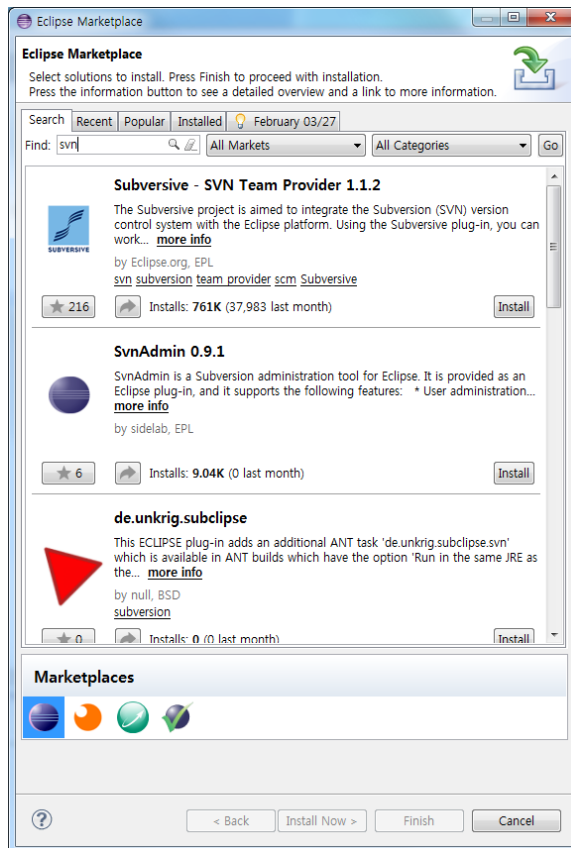
---

## □ Help – Eclipse Market place



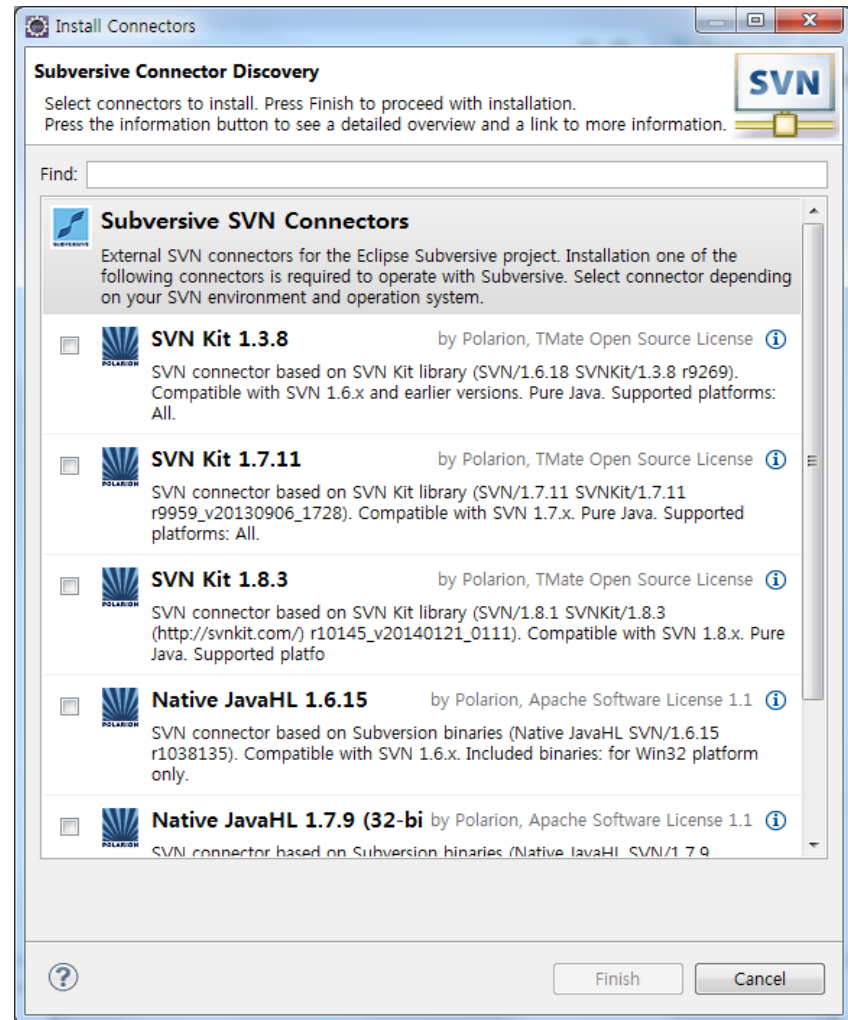
# SVN\_install (client)

- ❑ Svn 검색 – subversive – SVN Team provider 1.1.2 –install - 설치후 이클립스 재실행



# SVN\_install (client)

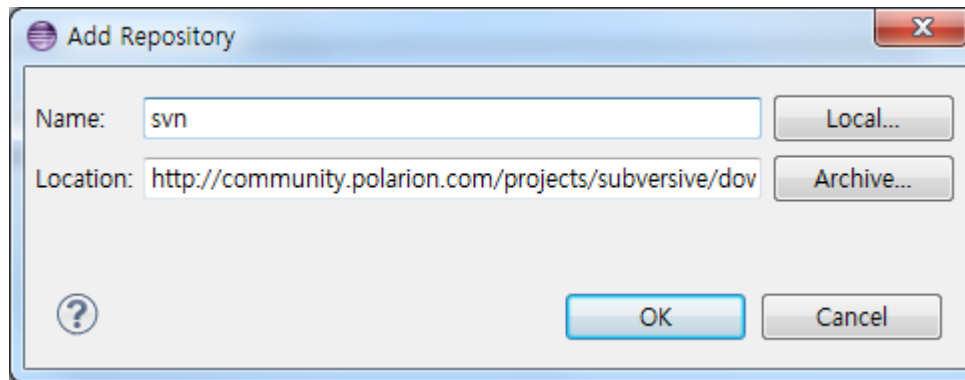
- SVN Kit 1.3.8을 클릭하고 설치



# SVN\_install (client)

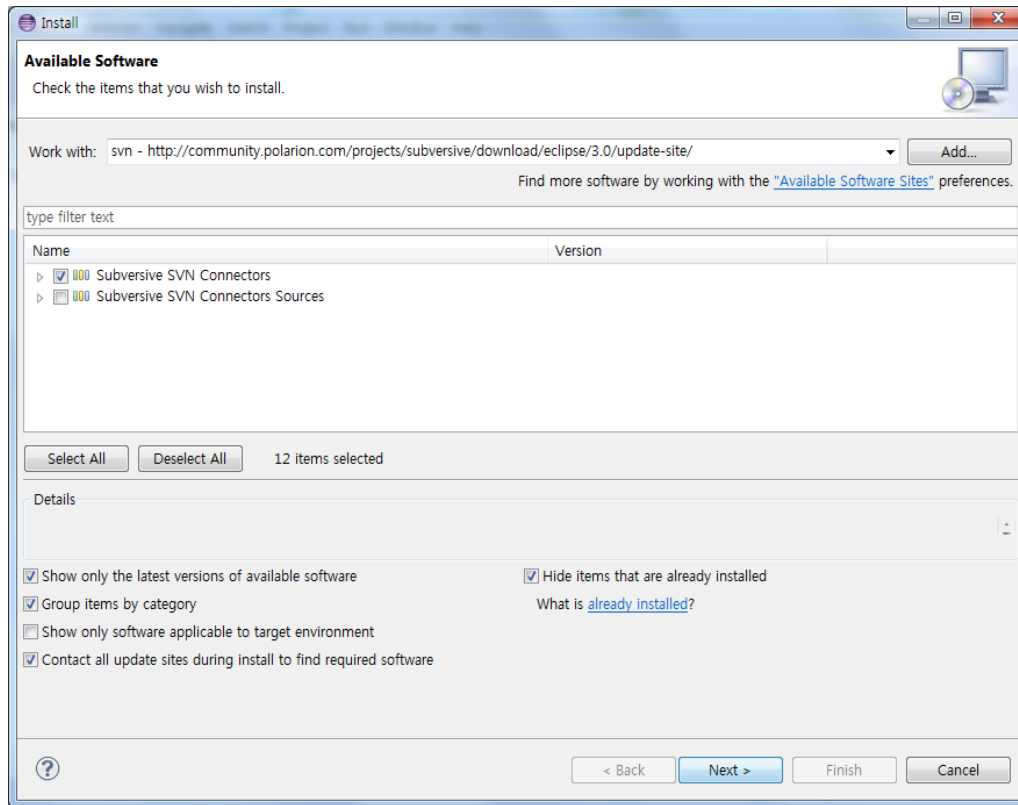
---

- ❑ 커넥터 창을 종료한 경우
- ❑ Help – install new software에서
- ❑ <http://community.polarion.com/projects/subversive/download/eclipse/3.0/> 를 추가



# SVN\_install (client)

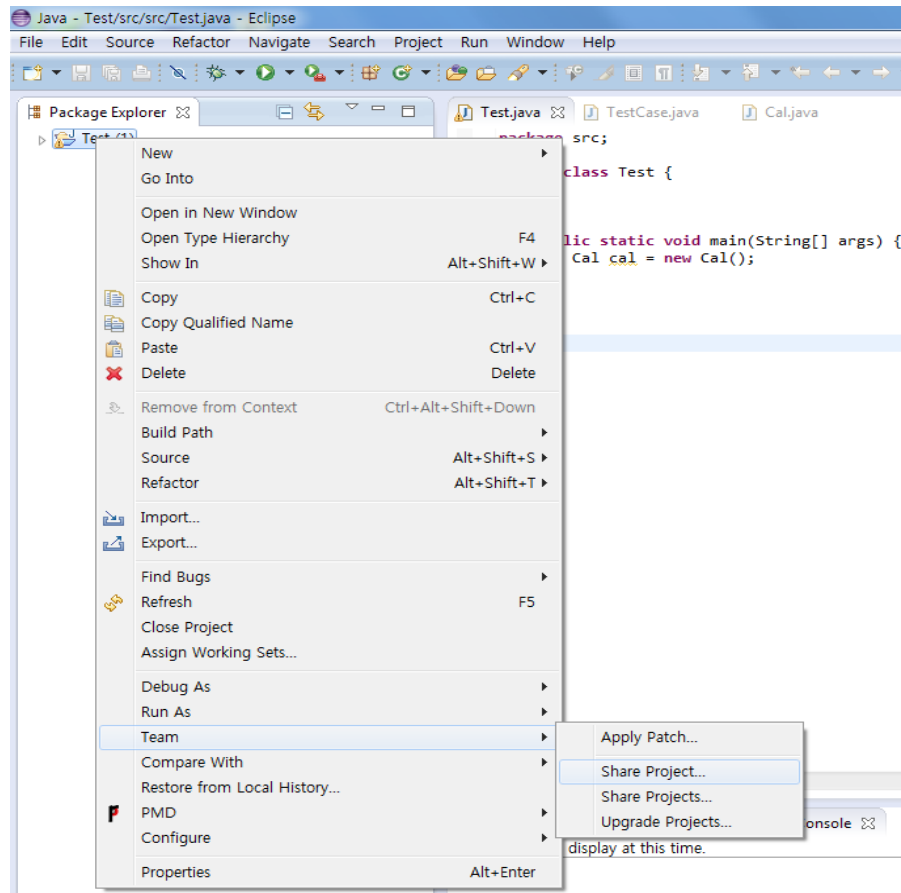
## □ Connector 설치





# SVN\_Setting (client)

## □ Project 우클릭 – Team – ShareProject



# SVN\_Setting (client)

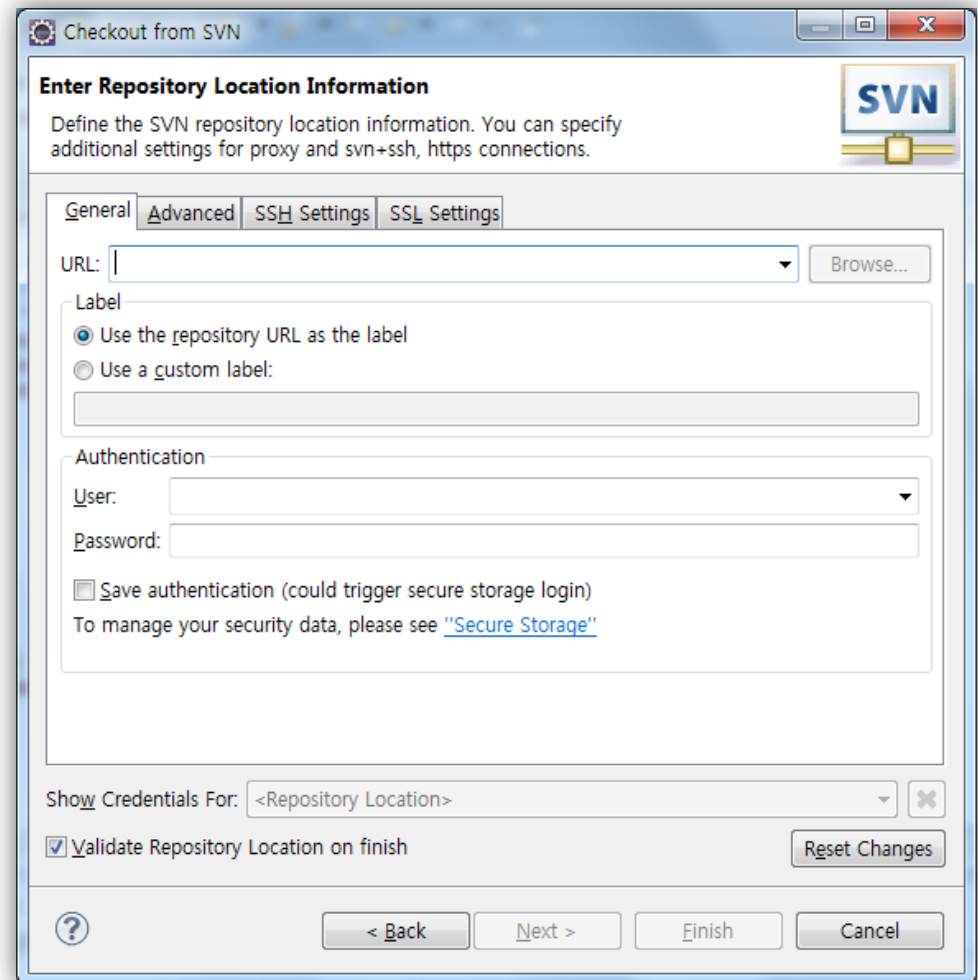
- URL에 `svn://dev.viskit.co.kr:23867/2014SV` 입력
- 사용자 계정 및 비밀번호 입력

The screenshot shows the 'Share Project Wizard' dialog box in the 'Enter Repository Location Information' step. The 'General' tab is selected. The URL field contains 'svn://dev.viskit.co.kr:23867/2014SV'. The 'Label' section has 'Use the repository URL as the label' selected. The 'Authentication' section has 'User' set to 'user3' and the password field is masked with dots. There is a checkbox for 'Save authentication (could trigger secure storage login)'. At the bottom, there is a 'Show Credentials For:' dropdown set to '<Repository Location>', a checked 'Validate Repository Location on finish' checkbox, and 'Reset Changes' button.

The screenshot shows the 'Share Project Wizard' dialog box in the 'Specify the project(s) location' step. The 'Simple Mode' radio button is selected. The URL field contains 'svn://dev.viskit.co.kr:23867/2014SV/Test'. The 'Advanced Mode' section has 'Name on Repository' with 'Use project name' selected and a text field containing 'Test'. The 'Project Repository Layout' section has 'Use Repository Location layout' selected. There is a checkbox for 'Use Subversion recommended layout (trunk, branches and tags)'. At the bottom, there is a text field containing 'svn://dev.viskit.co.kr:23867/2014SV/trunk/Test'.

# SVN\_Checkout (client)

- 소스 가져오기
- 저장소의 소스 폴더의 복사본을 받고, 이에 대한 버전 관리를 시작함 (-> 저장소와 동기화)
- File -> Import -> SVN -> Project from SVN



# SVN\_Update & Commit

---

## □ Update

- 저장소의 소스폴더와 비교하여 변경된 부분을 검사하고 최신 버전으로 동기화를 맞춤

## □ Commit

- 소스를 변경한 후 저장소에 반영
- Commit할 때마다 버전이 증가하여 변경 사항이 기록

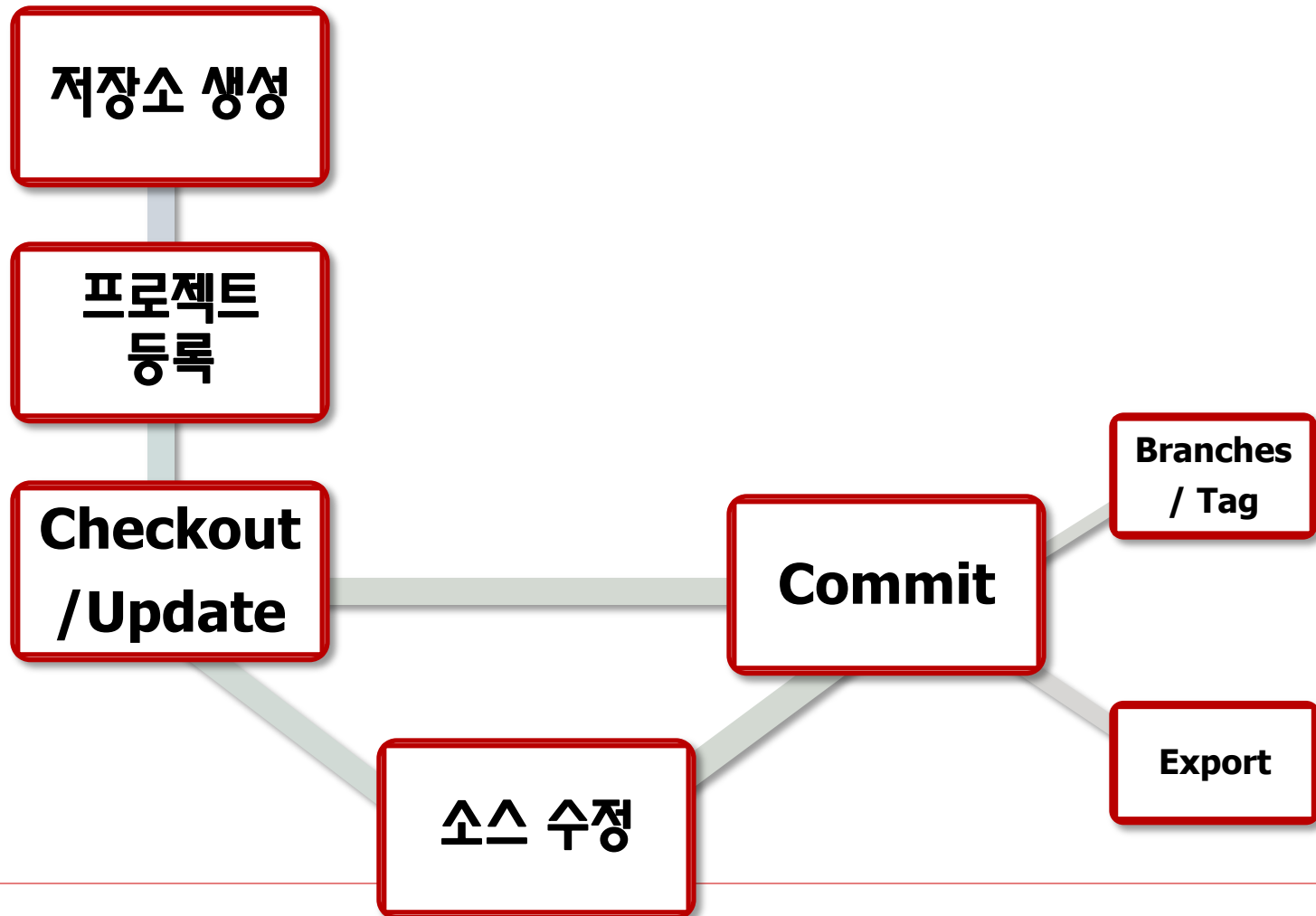
# SVN\_Update & Commit

---

- 먼저 작업을 끝낸 개발자가 Commit하게 되면, 이후에 Commit하는 작업자들은 Commit **실패**
- Commit 실패한 개발자들이 Update하게 되면 최신버전의 소스코드와 자신의 소스코드를 **Merge**
- Update하게 되면 그 **소스파일의 버전**이 바뀜

# SVN\_개발 흐름도

---



---

---

# CTIP

---

# CTIP\_What is CTIP

---

## □ Continuous Test & Integration Platform

- CI 개념을 프로젝트에 쉽게 적용하기 위한 platform

## □ CTIP이 제공하는 기능

- CI서버를 통한 지속적 통합 및 빌드
- 품질 도구들을 통한 코드 품질 검토
- 빌드 결과의 배포 및 관련자에게 통보

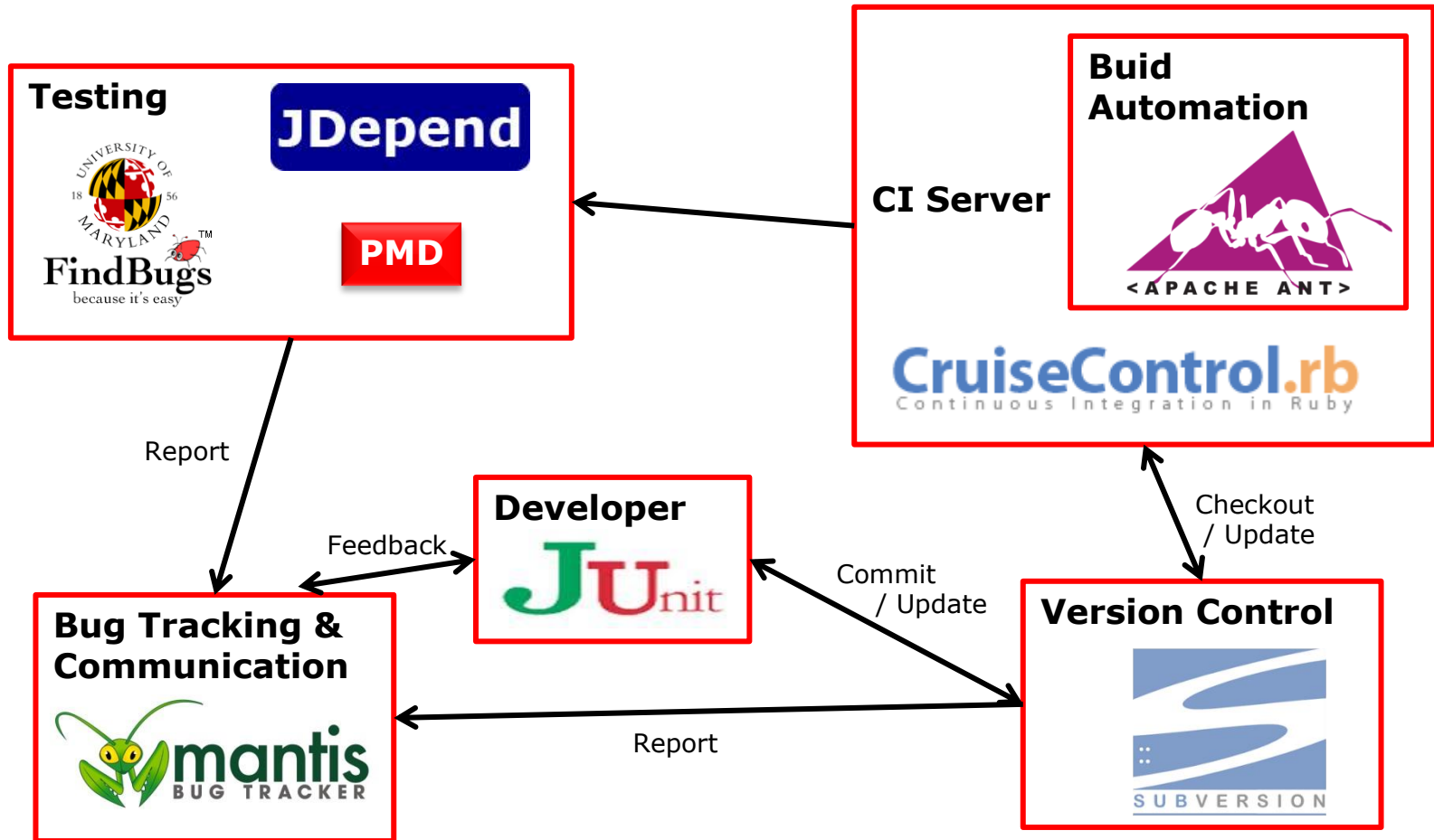


# CTIP\_Tools

---

<b>Tool</b>	<b>Name</b>
CI Server	Cruise Control
Build Automation	Ant
Testing	JUnit
Quality Management	JDepend
Code Management	Subversion
Bug Tracking & Community	Mantis
Static Analysis	Find bugs, PMD

# CTIP\_Environment



# CTIP\_Cruise Control with SVN

---

## □ Cruise Control 의 config.xml 수정

```
1 <cruisecontrol>
2   <project name="test" buildafterfailed="true">
3
4     <!-- subversion plug-in import -->
5     <plugin name="svn" classname="net.sourceforge.cruisecontrol.sourcecontrols.SVN"/>
6     <plugin name="svnbootstrapper" classname="net.sourceforge.cruisecontrol.bootstrappers.SVNBootstrapper"/>
7     <listeners>
8       <currentbuildstatuslistener file="logs/test/buildstatus.txt"/>
9     </listeners>
10
11     <bootstrappers>
12     </bootstrappers>
13
14     <modificationset quietperiod="30">
15       <svn localWorkingCopy="/usr/local/apache/htdocs/svn/2014SV/checkout/2014SV/test"/>
16     </modificationset>
17
18     <schedule interval="30">
19       <ant antscript="/usr/local/apache-ant-1.9.0/bin/ant"
20         buildfile="/usr/local/apache/htdocs/svn/2014SV/checkout/2014SV/build-2014SV.xml"
21         target="build"
22         uselogger="true"
23         usedebug="false"/>
24     </schedule>
25
26     <log dir="logs/test"/>
27
28     <publishers>
29     </publishers>
30
31   </project>
32 </cruisecontrol>
```

# CTIP\_Cruise Control with SVN

---

## □ Cruise Control 의 config.xml 수정

```
1 <cruisecontrol>
2   <project name="test" buildafterfailed="true">
3
4     <!-- subversion plug-in import -->
5     <plugin name="svn" classname="net.sourceforge.cruisecontrol.sourcecontrols.SVN"/>
6     <plugin name="svnbootstrapper" classname="net.sourceforge.cruisecontrol.bootstrappers.SVNBootstrapper"/>
7     <listeners>
8       <currentbuildstatuslistener file="logs/test/buildstatus.txt"/>
9     </listeners>
10
11     <bootstrappers>
12     </bootstrappers>
13
14     <modificationset quietperiod="30">
15       <svn localWorkingCopy="/usr/local/apache/htdocs/svn/2014SV/checkout/2014SV/test"/>
16     </modificationset>
17
18     <schedule interval="30">
19       <ant antscript="/usr/local/apache-ant-1.9.0/bin/ant"
20         buildfile="/usr/local/apache/htdocs/svn/2014SV/checkout/2014SV/build-2014SV.xml"
21         target="build"
22         uselogger="true"
23         usedebug="false"/>
24     </schedule>
25
26     <log dir="logs/test"/>
27
28     <publishers>
29     </publishers>
30
31   </project>
32 </cruisecontrol>
```

# CTIP\_Cruise Control with SVN

---

## □ Project checkout 및 build-2014SV.xml 생성

```
1 <project name="test" default="build" basedir="./">
2   <target name="build">
3     <exec executable="svn">
4       <arg line="up"/>
5     </exec>
6     <!--<ant antfile="build-Cruise.xml"/>-->
7   </target>
8 </project>
```

- 주기적으로 서버에서 update 실행하여 소스 최신화
- 주기적으로 소스를 확인하여 자동 build

# CTIP\_Cruise Control with SVN


---

## □ Cruise Control 주소

➤ <http://dev.viskit.co.kr:28080/>

The screenshot displays a web interface for Cruise Control. At the top, there are two tabs: "Dashboard" and "Builds". The "Builds" tab is active. Below the tabs, a green banner indicates a successful build: "test passed (about 5 hours ago)". To the left of this banner is a green circle with a white checkmark. To the right, it says "Duration: 1 second". Below the banner, there are five tabs: "Artifacts", "Modifications", "Build Log", "Tests", and "Errors and Warnings". The "Modifications" tab is selected. Underneath, the "Modifications" section shows a user icon and the name "test" followed by "Issue #0000001 : CC test 12". Below that, it shows "[rev. 47]" and a document icon followed by the file path "/test/src/test/a.java".



Dashboard Builds

 **test passed (about 5 hours ago)** **Duration: 1 second**

**Build Time:** 17 Apr 2014 23:30 GMT +09:00  
**Build:** build.4

Artifacts Modifications Build Log Tests Errors and Warnings

### Modifications

 **test** Issue #0000001 : CC test 12  
[rev. 47]  /test/src/test/a.java

---

# Thanks

---