GitHub

- 6조 -

20070743 안용덕 20071040 이태영 20100437 마승민



- ▶ Git & GitHub 소개
- ▶ GitHub 가입 및 원격 저장소 생성
- ▶ EGIT(Eclipse GIT) Plug-In 설치
- ▶ Eclipse와 GitHub 연동하기

Git & GitHub 소개

Git & GitHub

► Git

- 소스 버전 관리 프로그램
- 로컬 저장소
- 원격 저장소(Web)
- Commit & Push
- Pull & Fetch
- ▶ 공식사이트 [●] <u>http://git-scm.com/</u>



Git & GitHub

GitHub

- Social Coding
- 공개용 저장소(무료)
- 개인 저장소(유료)

▶ 공식사이트

<u>http://github.com/</u>



GitHub 가입 및 원격 저장소 생성

GitHub 가입



Pick a username

Your email

Create a password

Tip: use at least one number and at least 7 characters.

By clicking on "Sign up for free" below, you agree to the Terms of Service and the Privacy Policy.

Sign up for free

See plans and pricing

GitHub 가입

회원정보 입력 후 Create an account

버튼 클릭

Username

Login can't be blank

Email Address

We promise we won't share your email with anyone.

Password

Password can't be blank and is too short (minimum is 7 characters)

Confirm Password

By clicking on "Create an account" below, you are agreeing to the **Terms of Service** and the **Privacy Policy**.

Create an account

GitHub 저장소 생성(개인)



GitHub 저장소 생성(개인)

Owner	Repository name	
min6129 •		
Great repository names	are short and memorable. Need inspiration	ow about tripping-octo-hipster.
Description (optional)		
Public Anyone can see	e this repository. You choose who can commit.	
O Private You choose wh	o can see and commit to this repository.	저성소 이름 입덕 우 Create repository 버트 큭리
Initialize this repose This will allow you to	sitory with a README git clone the repository immediately.	
Add .gitignore: No	ne •	
Create repository		

GitHub 저장소 생성(그룹)

Search or type a command	Explore Gist Blog Help	💮 min6129 😫 🔀 🕞
You don't have any verified emails. We reco Email verification will help our support teas	mmend verifying at least one email.	Account settings (You have no verified emails)
min6129	Create new organization Turn min6129 into an Organization	U글닉
Profile	Organizations	
Account Settings	mobile-team6	Leave
Emails 🔬		
Notification Center		
Billing		
Payment History	Account Settings >	
SSH Keys	Organizations > Create r	ายพ
Security History	organization	
Applications		
Repositories (2)클릭		
Organizations		

GitHub 저장소 생성(그룹)

Create an Organization Sign up for a personal account ______ Setup the organization Setup the organization Organization Name 저장소 이름 및 이메일 The organization will live at https://github.com/ 입력 후 **Billing Email Create Organization** Receipts will be sent here 버튼 클릭 **Open Source** \$0/month 0 Choose Create Organization

GitHub 저장소 생성(그룹)

Invite your team members



EGIT(Eclipse GIT) Plug-In 설치

Eclipse 설치

- Eclipse Download
 - <u>http://www.eclipse.org/downloads/</u>
 - Eclipse Indigo 버전 이상 설치

	Helios(3.6)	Indigo(3.7)	Juno(3.8)
출시연도	2010	2011	2012
EGit plugin 지원여부	Х	Ο	Ο

Help > Install New Software... 클릭

Help		
3	<u>W</u> elcome	
? %	<u>H</u> elp Contents S <u>e</u> arch <u>D</u> ynamic Help	
R	<u>K</u> ey Assist <u>T</u> ips and Tricks Report Bug or Enhancement Cheat Sheets	Ctrl+Shift+L
	Eclipse <u>M</u> arketplace Check for <u>U</u> pdates Install New <u>S</u> oftware	
	About Eclipse	

Install	23
Available Software Select a site or enter the location of a site.	
Work with: type or select a site Add Find more software by working with the <u>"Available Software Sites"</u> preferen	http://www.igit.org/
type filter text	
Name Add Repository	<u>updates</u> 입력 후 "OK"
Name: egit Location: http://www.jgit.org/updates Archive Select All	
	12
 Show only the latest versions of available software Hide items that are already installed Group items by category What is <u>already installed</u>? Contact all update sites during install to find required software 	
Sack Next > Finish Cancel	

	Install	
	Available Software	
	Check the items that you wish to install.	
	-	
	Work with: egit - http://www.jgit.org/updates	•
		Find more software by working with the <u>"Available Software Sites"</u>
■ Eclipse EGit 제크 후 ■	type filter text	
"Noxt"	Name	Version
NEXL	Image:	
	🔽 🅼 Eclipse EGit	2.3.1.201302201838-r
	Eclipse EGit - Source	2.3.1.201302201838-r
	Egit Myryn	2.3.1.201302201638-1 2.3.1.201302201838-r
	▶ ■ 00 JGit	2.5.1.2013022010501
	Select All Deselect All 1 item selected	
	Details	
	Details	
	Show only the latest versions of available software	<u>H</u> ide items that are already installed
	☑ Group items by category	What is already installed?
	Show only software applicable to target environment	
	Contact all update sites during install to find required software	
	0	Rack Next - Finish
		< Back <u>Next ></u> Finish

Install		
Install Details Review the items to be installed.		
Name	Version 0.9.3	Id org.eclipse.egit.feature.group
Eclipse JGit (Incubation)	0.9.3	org.eclipse.jgit.feature.group
Size: Unknown Details An Eclipse Git Team provider in pure Java.	"N	ext"
3	< Back Ne	ext > Finish Cancel

Review Licenses Licenses must be reviewed and accepted before the software can b	e installed.
Licenses:	License text:
Eclipse Foundation Software User Agreement Accept 후 "Finish"	Eclipse Foundation Software User Agreement April 14, 2010 Usage Of Content THE ECLIPSE FOUNDATION MAKES AVAILABLE SOFTWARE, DOCUMENTATION, INFORMATION AND/OR OTHER MATERIALS FOR OPEN SOURCE PROJECTS (COLLECTIVELY "CONTENT"). USE OF THE CONTENT IS GOVERNED BY THE TERMS AND CONDITIONS OF THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. BY USING THE CONTENT, YOU AGREE THAT YOUR USE OF THE CONTENT IS GOVERNED BY THIS AGREEMENT AND/OR THE TERMS AND CONDITIONS OF ANY APPLICABLE LICENSE AGREEMENTS OR NOTICES INDICATED OR REFERENCED BELOW. IF YOU DO NOT AGREE TO THE TERMS AND CONDITIONS OF THIS AGREEMENT AND THE TERMS AND CONDITIONS
?	I accept the terms of the license agreement I do not accept the terms of the license agreement lack Next > Finish Cancel

20

Installing Software	■▲▲ (Kestart Now" 버튼 을 클릭하여 이클립스 를 재시작 한다.
Always run in background Installing Software Installing Software Installing Software:	
Run in Back Run in Back	Eclipse for the installation changes to take effect. You may without restarting, but this may cause errors.

Project 와 로컬저장소 연동하기



Project 와 로컬저장소 연동하기

Share Project Share Project Select the repository plug-in that will be used to share the selected p Select a repository type: CVS CVS CVS	project.	• Cre • 로 더 더 • Fin	eate 선택 컬 저장소로 쓰일 폴 경로 지정 iish	
	Configure Git Reposi	itory		GIT
? < <u>Back</u> Next > <u>Finish</u>	Use or create repository: Working directory:	ory in parent folder of project [test - C:\Users\sseong2ya\Desktop\test C:\Users\sseong2ya\Desktop\test	st₩test₩.git t	Create.
	Project Cu	rrent Location /Users/sseong2ya/Desktop/test1/test1/T	Target Location C:/Users/sseong2ya/Desktop/test/test/Test1	Browse
	(?)		< <u>B</u> ack <u>N</u> ext > <u>Finish</u>	Cancel

Project Commit 하기



Project Commit 하기

Commit 과 관련된 정보 를 그룹원	
글에게 남김	ſ

🔘 Commit C	Changes	×
Commit Ch	nanges to Git Repository	GIT
Commit me	essage	🧔 🎅 陆 🏹
∲first con	mmit	A
Author:	sseong2ya <sseong2ya@sseong2ya-pc></sseong2ya@sseong2ya-pc>	
Committer:	sseong2ya <sseong2ya@sseong2ya-pc></sseong2ya@sseong2ya-pc>	
Files (5/5)		2
type filter t	text	
Status	Path	
	Test1/.classpath Test1/.gitignore Test1/.project Test1/.settings/org.eclipse.jdt.core.prefs Test1/src/test.java	
?	Commit and Push Commit	Cancel

Java - Test1/src/tes	st.java - Eclipse				
File Edit Source I	Refactor Navigate Search Project				
	🗳 😋 🛨 🚏 🌛 💝 🔲 🔟 🔌 🕏	🌣 🕶 🜔 🕶 💁 🕶 🙋) 🕒 🔗 🕶 🖢 - 🖗 - 🏷 🔶	▼ ⇒ ▼ 2	
			Quick Access	👔 📄 😭 Java EE 🐉 Java 🔠 Git Repository Exploring	
Package Explorer	X Contraction Cont	class test (□ □ □ Task List ☆ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □	
⊿ (de	New Go Into	•		Find Q → All → Ac	해낭 Project 우클릭
⊳ 📄 JRE Sy	Open in New Window Open Type Hierarchy Show In	F4 Alt+Shift+W ►	r€ Commit ◆ Fetch from Upstream ◆ Push to Upstream Remote	Connect Mylyn S Fetch From	Team > Remote Remote > Push
	Copy Qualified Name Paste Cope Copy Qualified Name Copy Qualified Name Copy Copy Copy Copy Copy Copy Copy Copy	Ctrl+V Delete	Switch To Advanced Pull	Push Is of create Image: Second	
2	E Remove from Context Ctr Build Path Source Refactor	rl+Alt+Shift+Down ► Alt+Shift+S ► Alt+Shift+T ►	Synchronize Workspace Merge Tool Merge	 ◆Configure Fetch from Upstream ◆Configure Push to Upstream ✓ test 	
2	Import		Reset Rebase Create Patch		
4	 Refresh Close Project Close Unrelated Projects Assign Working Sets 	F5	Apply Patch Add to Index Remove from Index		
	Run As Debug As Profile As Validate	> >	gynore Gynore Untrack Show in Repositories View Show in History Disconnect	h Location Type	
Test1	Compare With	•	64 Disconnect		

	10			_	
	/mobile-team6/test	🔒 GitHub, Inc. [US] 🖒 🗙 🌘) mobile-team6/test ×	<	Ê ★ ‡
파일(E) 편집(E) 모기(V) 들거 X NAVER 🔽 네이버	(A) 도구(I) 도움(I) ▼ Q ↔	🔟 사전 🕺 🌪 북마크 📋 메모	🔀 메일 🖆 보내기 🔍 캡	처 🔎 퀵패스	더보기+ 로그인
	避 GIT과 Github 안내 나무	Twitter-typeahead.js Git	» 🟠 🕶 🔕	▼ 🖃 🖶 ▼ 페이지(P) ▼	안전(S)▼ 도구(O)▼ 🕡▼ "
•	0	Explore Gist Blog I	Help	diu413	• × • ^
You don't have any ve Email verification will he	rified emails. We recommen Ip our support team help you	d verifying at least one emai in case you have any email iss	I. ues or lose your password.		
mobile-team	6 / test	n	Pull Request 🐼 Unwatc	:h ▪ ★ Star < 0	β [#] Fork 0
Code	Network Pull R	equests 0 Issues 0	Wiki	Graphs	Settings
test					
🖉 Clone in Windo	ws 🗘 ZIP HTTP	SSH Git Read-Only https:/	//github.com/mobile-team	6/test.git 🔒 Re	ad+Write access
₽ branch: master	• Files Commits	Branches 1			Tags
test / 主					G 4 commits
third commit (deok)					
sseong2ya authore	d 2 hours ago			latest commit	ed08eaf7fc 🗟
testtt	2 hours ago	third commit (deok) [se	seong2ya]		
W	/e recommend adding a REA	DME to this repository. Visit g	ithub/markup for details on wh	hat formats we support.	
GitHub	Applications	Services	Documentation	More	*
					€ 100% ▼

1. 접속 protocol은 HTTP

원격 저장소 주소 얻기

2. 해당 주소가 원격 저장 소의 주소임

Push to Another Repository	
Destination Git Repository Enter the location of the destination repository.	
Configured remote repository: origin: https://github.com/mobile-team6/test.git Ocation UR: Location UR: Location UR: Host: github.com Repository path: /mobile-team6/test.git Protocol: https Protocol 모드는 https Authentication User: Password: Store in Secure Store	• 해당 그룹의 원격 저장소 주소 입력
A Back Next > Einish Cancel	

Push Ref Specifications Select refs to push.	GIT		Force Undate
Add create/update specification Source ref: Destinat	ion Cara		체크 시 기조
* HEAD master (branch) ermite ref to delete: Add predefined specification Add Configured Push Specs Add Configured Push Specs Mode Source Ref Destin	Push to: https://github.com/mobile-team6/test.git Push Ref Specifications Select refs to push. Ald create/update specification Source ref: Destination ref: Prefs/heads/master Add delete ref specification Remote ref to delete:	Push to: https://github.com/mobile-team6/test.git Push to: https://github.com/mobile-team6/test.git Push Ref Specifications Select refs to push. Add create/update specification Source ref: Destination ref: Add delete ref specification Remote ref to delete: Add predefined specification Add Configured Push Specs Add All Branches Spec Specifications for push Mode Source Ref Destination Ref Force U Force Update All Specs	지지 모 가지 가지 저장되어있던 프로젝트가 삭 제 되기 때문 체크 해제 3
		Image: Section of the section of t	h Cancel 30

Push to: https://github.com/mobile-team6/test.git	×
Confirm following expected push result.	
master: master [up to date]	E E
Message Details	
Repository https://github.com/mobile-team6/test.git	
Push only if remote refs don't change in the mean time Show final report dialog only when it differs from this confirmation report	
(?) < <u>Back</u> <u>Next</u> > <u>Finish</u> Canc	el

Push Results: https://github.com/mobile-team6/test.git	X
Pushed to https://github.com/mobile-team6/test.git	
A master: master [up to date]	
	_
Message Details	_
Repository https://github.com/mobile-team6/test.git	
Push 완료	
Configure OK	

Import Select Import one or more projects from a Git Repository.	원격 저장소에서 프로젝트 가져오기
Select an import source: Specificar text CVS EIB Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git Projects from Git	 File > Import Git > Projects from Git Next
	3

Import Projects from Git Select Repository Source Select a location of Git Repositories	원격 저장소에서 프로젝트 가져오기
type filter text	
	1. URI 선택
	2. Next
A Back Next > Finish Cancel Canc	33

Import Projects from Git Source Git Repository Enter the location of the source repository.	·····································
Location URI: https://github.com/mobile-team6/test.git Host: github.com Repository path: /mobile-team6/test.git Connection Protocol: https Port: Authentication User: Password: Store in Secure Store	ocal File 1. 사용할 원격 저장소 주 소 입력(GitHub에서 확인 가능) 2. Next
	34

X Import Projects from Git 원격 저장소에서 Branch Selection GIT 프로젝트 가져오기 Select branches to clone from remote repository. Remote tracking branches -**^**will be created to track updates for these branches in the remote repository. Branches of https://github.com/mobile-team6/test.git: type filter text 🔽 📥 master 1. Branch 선택 2. Next Select All Deselect All ? < Back Next > Finish Cancel

Import Projects from Git Local Destination Configure the local storage location for test.	원격 저장소에서 프로젝트 가져오기
Destination Directory: C:₩Users₩min₩Desktop₩test₩test2 Initial branch: master Clone submodules	1. 로컬 저장소로 사용할 디렉터리 지정
Configuration Remote name: origin	2. Next
A Back Next > Einish Cancel	36





Q & A