

Introduction to Git

CAT&DOG Git study 2013

Day 2

Eon Jeong

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Git, in comparison with Subversion

	git	svn
topology	<i>distributed</i>	<i>centralized</i>
configuration	one at top	all recursive
mergeable	everything	b2t only
objects stored	itself	difference
mg. method	3-way	2-way
temp. save	multiple	local copy?
commit id	hexadec. hash	serial dec. no.
on/offline	only possible in git	
branch cost	cheaper in git	
complexity	svn costs less ideally	
performance	git does much better	

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Create an empty repository in current directory, or reinitialize an existing one.

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Post a new revision from files in the workspace.

add

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Stage(index) some file(s) to be committed.

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Get file(s) from a specific revision to the workspace.

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Show status of the workspace.

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List commits from recent ones and their references.

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Looking over GitHub

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https://github.com (signed in)

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The screenshot shows the GitHub homepage for a signed-in user. At the top, there's a navigation bar with the GitHub logo, a search bar, and links for Explore, Git, Blog, and Help. Below the navigation bar, there's a section for "News Feed" with tabs for Pull Requests, Issues, and Stars. The main content area features a "GitHub Bootcamp" section with four numbered steps: 1. Set Up Git, 2. Create A Repository, 3. Fork A Repository, and 4. Be social. Below this, there's a list of recent activity, including starred repositories, pushed code, and followed users. On the right side, there's a section for "Closing Issues Across Repositories" and a list of "Your Repositories (11)".

Search or type a command

Explore Git Blog Help

News Feed

GitHub Bootcamp

If you are still new to GitHub, we've provided a few walkthroughs to get you started.

- Set Up Git**
A quick guide to help you get started with Git.
- Create A Repository**
Create the place where your commits will be stored.
- Fork A Repository**
Copy a repo to create a new, unique project from its contents.
- Be social**
Follow a friend. Watch a project.

★ puzzlet starred daumcorp/daumEditor 4 hours ago

★ dltos starred ecanay/python-pptx 10 hours ago

★ dltos starred latherv/dingparser 10 hours ago

📄 kuma created repository aljay 1 day ago

★ kuma starred yhl502/chicken 1 day ago

★ dltos starred yhl502/chicken 2 days ago

📄 kuma created repository game_controller_launcher 2 days ago

🔊 HXO3 started following kuma 3 days ago

🔊 HXO3 started following dltos 3 days ago

📄 3 days ago
HXO3 pushed to ui at HXO3/Maragi
c1783ca Very minor changes.

📄 3 days ago
HXO3 pushed to master at HXO3/Maragi
c1783ca Very minor changes.

★ dltos starred HXO3/Maragi 3 days ago

★ kiding starred johnywong/development 3 days ago

🔊 dltos forked daumcorp/daumEditor 3 days ago

📄 3 days ago
dltos starred daumcorp/daumEditor 3 days ago

Closing Issues Across Repositories

View 33 see broadcast

Your Repositories (11)

Find a Repository

All Repositories Public Private Sources Ports

- Uni-shBrushesCollection
- HXO3/Maragi
- Uni-A-S
- Uni-theocar
- Uni-rich-wired-components
- Uni-hexchat
- Uni-R2Layout
- Uni-Resource-Browser
- Uni-Automata-Emulator
- Uni-uni.github.com
- Uni-jeong.github.com

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ditto's LonelyIsland

[Watch](#) [Star](#) [Fork](#)

Code

Network





Pull Requests

Issues

Wiki

Graphs

A 2D based [Minecraft/Terraria](#) clone for Android platform. — [Read more](#)

 ZIP  HTTP  SSH [Go Read-only](#)  Read-only access

Search: master

Files

Commits

Branches

Tags

LonelyIsland /

123 commits

README에 스크린샷 추가


ditto's authored 2 years ago

Latest commit 736ed83ff

android	2 years ago	간단 커먼 텍스트 해치는 문제 수정 [ditto's]
common	2 years ago	EUC-KR -> UTF-8 [ditto's]
README.md	2 years ago	README에 스크린샷 추가 [ditto's]

README.md

Lonely Island is a 2D-based [Minecraft/Terraria](#) clone for Android platform.



License

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Source code is distributed under [Apache License 2.0](#).

Authors

[ditto's](#)

How to create a GitHub repo

1. Click "Create a new repo"
2. Type name and description
3. ???
4. PROFIT!

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Interacting with remote repositories

Make a repository into a new subdirectory, with remote origin and its branches.

Equivalent:

- ▶ `(mkdir, cd)`
- ▶ `init`
- ▶ `remote add origin`
- ▶ `fetch origin`
- ▶ `checkout master`

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Apply a remote repository to the remote reference and attach branches to the corresponding upstream.

Equivalent:

- ▶ `fetch <remote>`
- ▶ `merge <branch>`

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Update associated remote repositories and references, applying changes from the local one.

Second week's assignment

1. Let me gather all your names!

- ▶ Fork *Uni-/studying-repo*.
- ▶ Clone your fork on a local system.
- ▶ Append your name on the list in `README.md`.
(Note: no necessity it is real one.)
- ▶ Make a commit and push to *your* remote repo.
- ▶ Write a pull request. (*optional*)