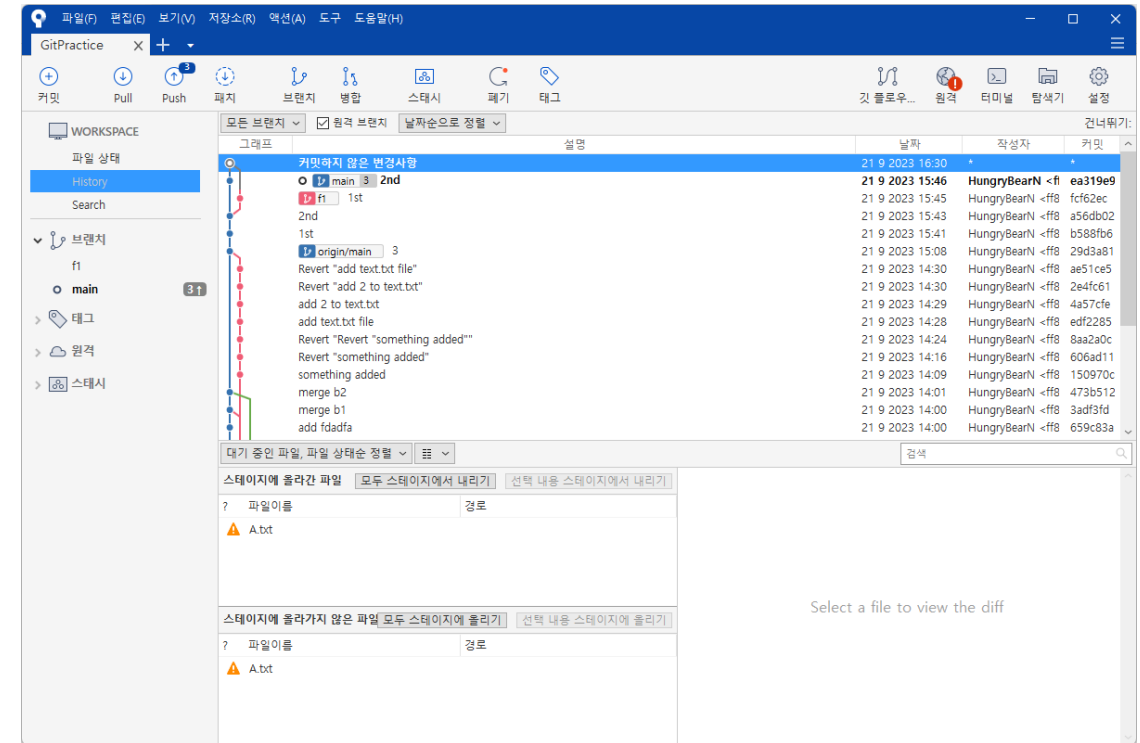


# Sourcetree

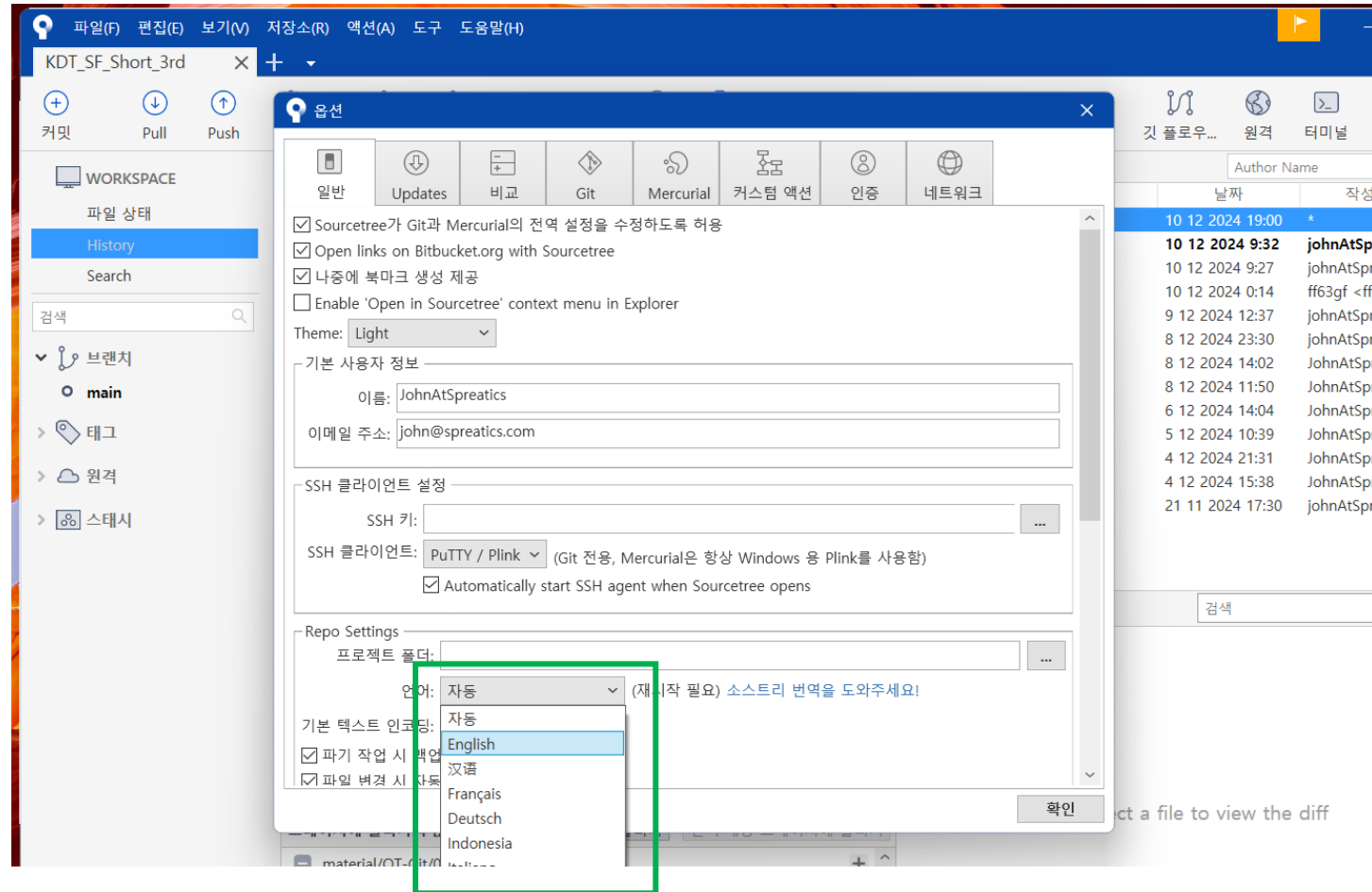
# Sourcetree

- Git Branch 상태를 눈으로 확인
- <https://www.sourcetreeapp.com/>
- Git Bash와 병행하여 사용가능



# 인터페이스 영어로 변경

도구 > 옵션



## Local Repo. 추가



SourceTree에 추가돼 있는 Local 또는 Remote Repo. 보기

## Remote Repo. Clone 해오기

File Edit View Repository Actions Tools Help

KDT\_SF\_Short\_3rd New tab X +

Local Remote Clone Add Create

### Clone

Cloning is even easier if you set up a remote account

Source Path / URL:  Browse

Repository Type: ? No path / URL supplied

Destination Path:  Browse

Name:

Local Folder: [Root] v

> Advanced Options

Clone

GitHub HTTPS 주소를 입력하면 자동으로 Clone 가능 여부 확인

## Remote Repo. Clone 해오기

File Edit View Repository Actions Tools Help

KDT\_SF\_Short\_3rd New tab X +

Local Remote Clone Add Create

### Clone

Cloning is even easier if you set up a remote account

Source Path / URL:  Browse

Repository Type: ? No path / URL supplied

Destination Path:  Browse

Name:

Local Folder: [Root] v

> Advanced Options

Clone

GitHub HTTPS 주소를 입력하면 자동으로 Clone 가능 여부 확인

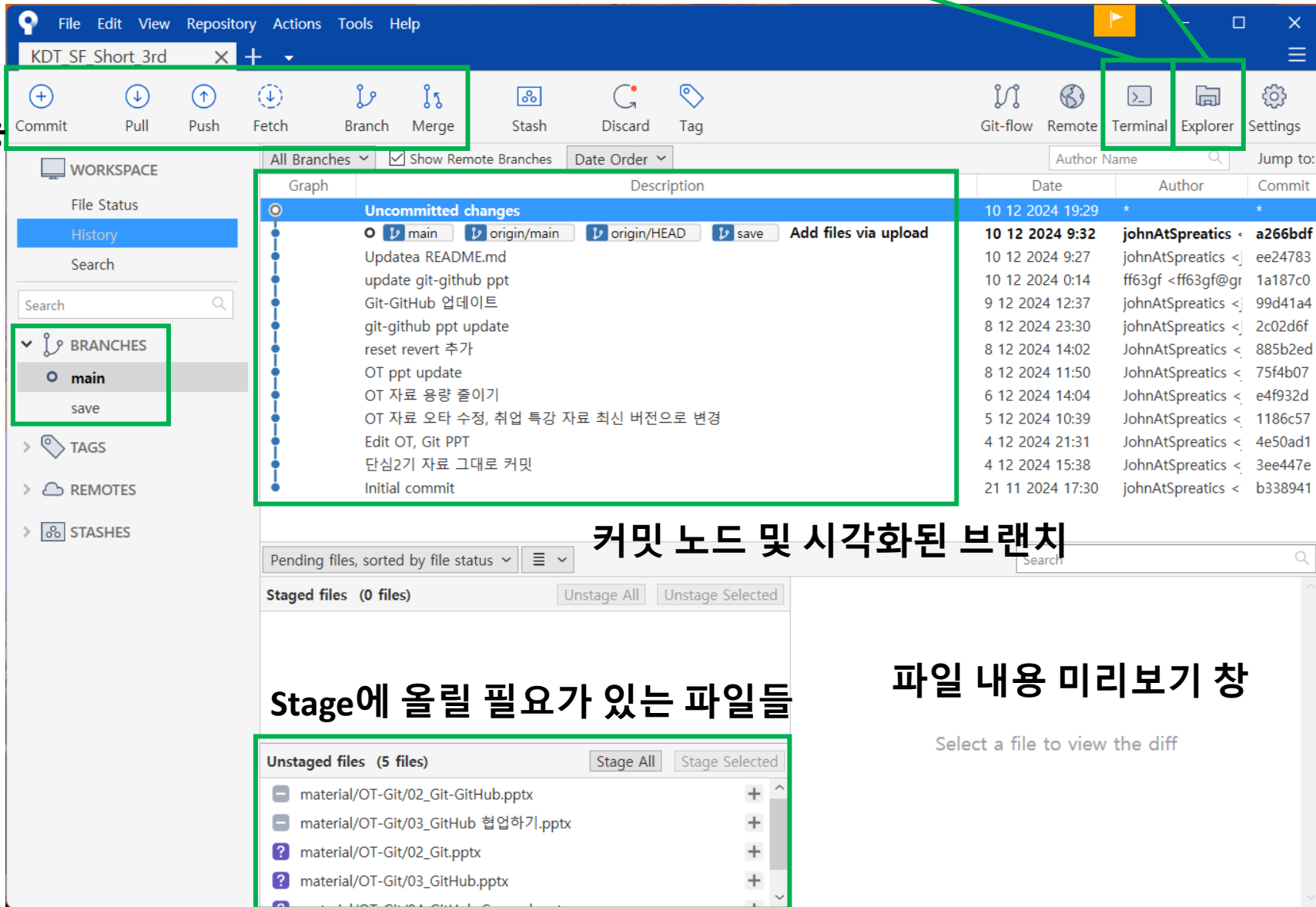
## Local Repo. 기본 화면

# Git Bash 실행

## 작업 폴더 열기

## Git 관련 주요 기능

## 더블 클릭으로 Branch Switch



## Local Repo. 기본 화면

The screenshot shows the VS Code Git interface. The left sidebar contains the 'WORKSPACE' section with 'File Status', 'History', and 'Search' options. The 'History' view is active, displaying a list of commits. A context menu is open over the commit with hash 99d41a4, listing actions such as 'Checkout...', 'Merge...', 'Rebase...', 'Tag...', 'Archive...', 'Branch...', 'Rebase children of 99d41a4 interactively...', 'Reset current branch to this commit', 'Reverse commit...', 'Create Patch...', 'Cherry Pick', 'Copy SHA to Clipboard', and 'Custom Actions'. The commit details for 99d41a4 are shown below the list: 'Commit: 99d41a4ede5ebc7a7c02d6fdd6', 'Parents: 2c02d6fdd6', 'Author: johnAtSpreatics <john@...>', 'Date: 2024년 12월 9일 월요일 12:37', and 'Committer: johnAtSpreatics'. The bottom of the interface shows the file explorer with 'material/OT-Git/02\_Git-GitHub.pptx' selected.

Graph	Description	Date	Author	Commit
<b>Uncommitted changes</b>				
o	main	10 12 2024 19:29	*	*
o	origin/main	10 12 2024 9:32	johnAtSpreatics <	a266bdf
o	origin/HEAD	10 12 2024 9:27	johnAtSpreatics <	ee24783
o	save	10 12 2024 0:14	ff63gf <ff63gf@gr	1a187c0
o	update README.md	9 12 2024 12:37	johnAtSpreatics <	99d41a4
o	update git-github ppt	8 12 2024 23:30	johnAtSpreatics <	2c02d6f
o	git-github ppt u	8 12 2024 14:02	JohnAtSpreatics <	885b2ed
o	reset revert 추가	8 12 2024 11:50	JohnAtSpreatics <	75f4b07
o	OT ppt update	6 12 2024 14:04	JohnAtSpreatics <	e4f932d
o	OT 자료 용량 줄	5 12 2024 10:39	JohnAtSpreatics <	1186c57
o	OT 자료 오타 수	4 12 2024 21:31	JohnAtSpreatics <	4e50ad1
o	Edit OT, Git PPT	4 12 2024 15:38	JohnAtSpreatics <	3ee447e
o	단심2기 자료 그	21 11 2024 17:30	johnAtSpreatics <	b338941
o	Initial commit			

Commit: 99d41a4ede5ebc7a7c02d6fdd6  
Parents: 2c02d6fdd6  
Author: johnAtSpreatics <john@...>  
Date: 2024년 12월 9일 월요일 12:37  
Committer: johnAtSpreatics

Git-GitHub 업데이트

material/OT-Git/02\_Git-GitHub.pptx

커밋 노드 우클릭  
→ Reset, Revert 등



## Commit 화면

File Edit View Repository Actions Tools Help

KDT\_SF\_Short\_3rd

Commit Pull Push Fetch Branch Merge Stash Discard Tag

Git-flow Remote Terminal Explorer Settings

WORKSPACE

File Status History Search

BRANCHES

main

TAGS

REMOTES

STASHES

Pending files, sorted by file status

Staged files (0 files) Unstage All Unstage Selected

Unstaged files (5 files) Stage All Stage Selected

material/OT-Git/02\_Git-GitHub.pptx

material/OT-Git/03\_GitHub 협업하기.pptx

material/OT-Git/02\_Git.pptx

material/OT-Git/03\_GitHub.pptx

material/OT-Git/04\_GitHub Co-work.pptx

Select a file to view the diff

한 번에 전부, 또는 개별 적으로 Stage에 올리기

JohnAtSpreatics <john@spreatics.com>

Commit options...

Commit 메시지 작성

☐ Push changes immediately to origin/main ☐ Amend latest commit

Commit

# 실습. Sourcetree 써보기

1. Sourcetree를 이용하여 아래 기능 수행
2. 자유롭게 Remote Repo. 하나를 Clone
3. hotfix123 브랜치 생성
4. hotfix123 브랜치로 스위치
5. Local Repo.에서 bugfix123.txt 파일 추가
6. Stage에 올리기, Commit, Push
7. GitHub에서 Add File 기능으로 newbug.txt 파일 추가 및 Commit
8. Sourcetree에서 Fetch 및 Pull 수행
9. Sourcetree 프로그램 화면을 캡처하여 슬랙에 댓글로 제출