

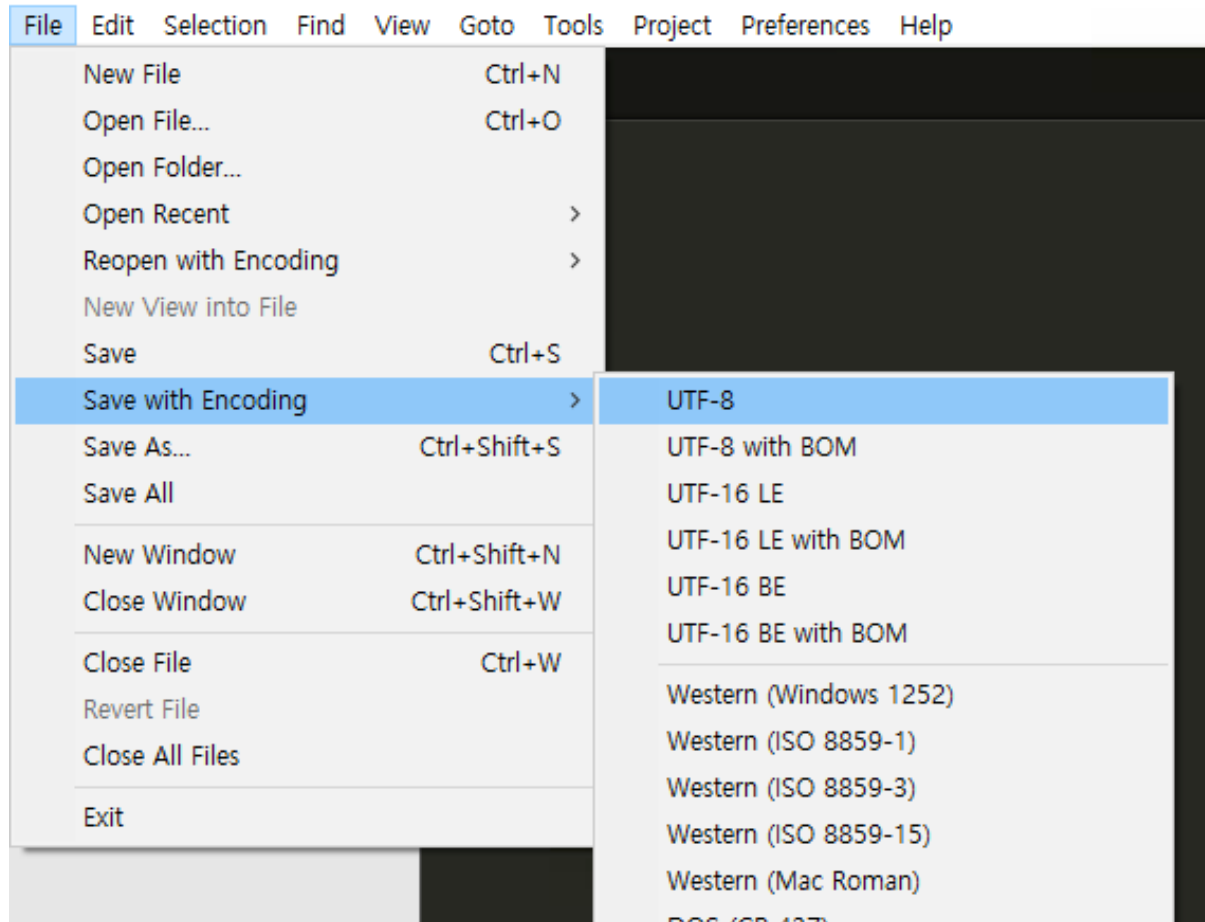
웹프로그래밍

2017. 03. 09.

- 2 -

한글 문제 해결(인코딩 문제 해결)

- 저장 파일(.html)의 인코딩 방식에 따른 브라우저 인식 문제



한글 문제 해결(인코딩 문제 해결)

- 문서 자체에 인코딩 방식 명시

```
1  <!DOCTYPE html>
2
3  <html lang="ko">
4      <head>
5          <meta charset="UTF-8"/>
6          <title>Web Programming</title>
7      </head>
8      <body>
9          ...
10     </body>
11 </html>
```

- lang Attribute

- Web 접근성 향상을 위한 제공
- <http://khsruru.com/wp-content/uploads/2016/05/language-attribute-is-applied.html>

HTML5 주요 태그

■ 입력 양식 태그

- 사용자에게 정보를 입력받기 위한 태그
- 정보에 따른 여러 입력 양식 존재

회원가입

이름

생년월일

년도

월

일

성별 ☐ 남 ☐ 여


· 주민등록번호 입력 없이 전화번호로 회원가입이 가능합니다.

· 블로그/카페/메일/드라이브 등의 대부분 서비스가 이용 가능합니다.
(단, 일부 공개 게시판 및 유료서비스는 실명확인 후 이용 가능합니다.)

· 이름, 생년월일과 성별은 추후 변경할 수 없습니다.

HTML5 주요 태그

■ 입력 양식 태그

태그	속성	모양	설명
form	보이지 않음		입력 양식의 시작과 끝 표시
input	text	<input type="text"/>	글자 입력 양식 생성
	button	<input type="button" value="button"/>	버튼 생성
	checkbox	<input type="checkbox"/>	체크 박스 생성
	file	<input type="file"/> 파일 선택 선택된 파일 없음	파일 입력 양식 생성
	hidden	보이지 않음	해당 내용 표시 안 함
	image		이미지 형태 생성
	password	<input type="password"/>	비밀번호 입력 양식 생성
	radio	<input type="radio"/>	라디오 버튼 생성
	reset	<input type="reset" value="reset"/>	초기화 버튼 생성
	submit	<input type="submit" value="submit"/>	제출 버튼 생성
textarea	cols / rows	<input type="text"/>	<ul style="list-style-type: none"> 여러 행의 글자 입력 양식 생성 cols는 너비, rows는 높이 지정
select		<div>Multimedia Tag ▼ HTML5 Multimedia Tag Connectivity Device Access CSS3 Animation 3D Transform</div>	선택 양식 생성
optgroup			옵션 그룹화
option			옵션 생성
fieldset		<div>입력 양식</div>	입력 양식의 그룹 지정
legend			입력 양식 그룹의 이름 지정

HTML5 주요 태그

▪ form 태그

- 입력 양식 전체를 감싸는 태그
- 화면에는 따로 보여지지 않음
- Attribute
 - action : 데이터 전송 목적지
 - method : 데이터 전송 방식

전송 방식	설명
GET	주소에 데이터를 직접 입력해 전달
POST	별도의 방법을 사용해 데이터를 해당 주소로 전달

GET 방식 예) 네이버에서 '건국대학교' 검색 시 >

<https://search.naver.com/search.naver?>

[where=nexearch&query=건국대학교&sm=top_h ty&fbm=1&ie=utf8](https://search.naver.com/search.naver?where=nexearch&query=건국대학교&sm=top_h ty&fbm=1&ie=utf8)

HTML5 주요 태그

- `input[type=text]` : 일반 텍스트 입력
- Attribute
 - `value` : 초기값 지정
 - `placeholder` : 설명 입력

```
<table border="1">
  <tbody>
    <tr>
      <td>
        <input type="text" value="Init value"/>
      </td>
    </tr>
    <tr>
      <td>
        <input type="text" placeholder="Placeholder value"/>
      </td>
    </tr>
  </tbody>
</table>
```

Init value
Placeholder value

HTML5 주요 태그

- `input[type=radio]` : 여러 값 중 하나의 값 선택
- Attribute
 - `name` : 관련 radio 대표 이름
 - `checked` : 초기 선택 여부

```
<input type="radio" name="level" checked> normal <br/>  
<input type="radio" name="level"> cruel <br/>  
<input type="radio" name="level"> merciless <br/>
```

- ☒ normal
- ☐ cruel
- ☐ merciless

HTML5 주요 태그

- select & option : 여러 값 중 하나의 값 선택
- optgroup : 후보군 생성
- Attribute
 - multiple : 다중 선택 여부 / selected : 초기 선택 여부

```
<p>취미</p>
<select>
  <option>독서</option>
  <optgroup label="운동">
    <option selected>축구</option>
    <option>농구</option>
    <option>탁구</option>
  </optgroup>
  <option>음악감상</option>
  <option>등산</option>
</select>
```

취미

축구 ▼
독서
운동
축구
농구
탁구
음악감상
등산

HTML5 주요 태그

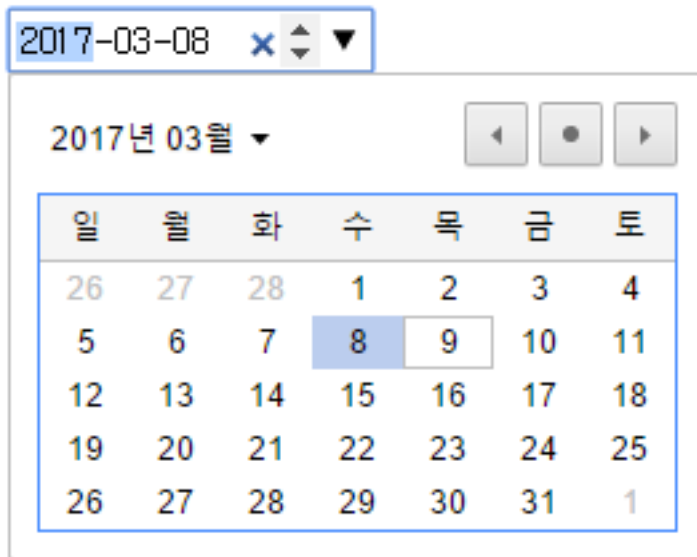
- HTML5 추가 Input type

Type
color
date
datetime-local
email
month
number
range
search
tel
time
url
week

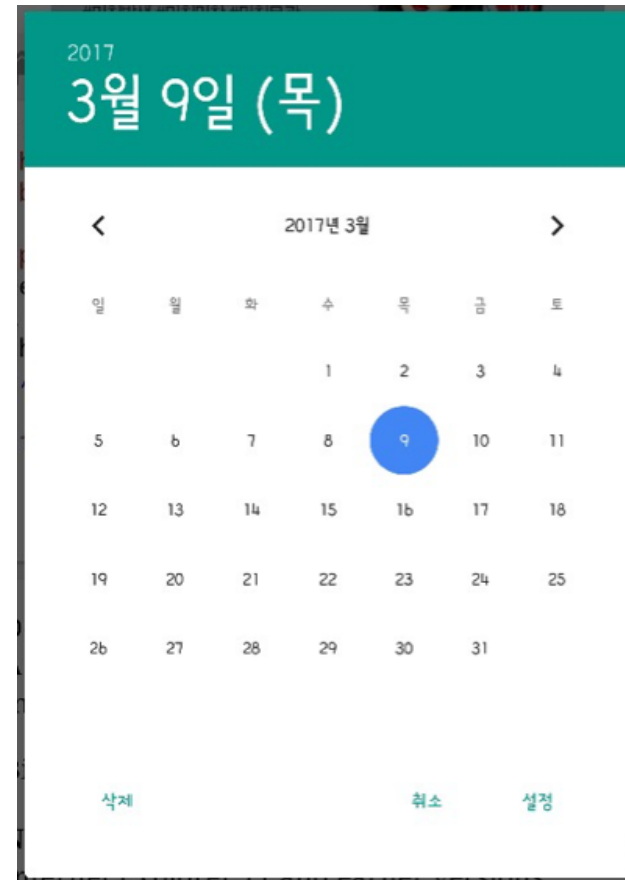
HTML5 주요 태그

- `input[type=date]` : 날짜 입력

```
<input type="date"/>
```








<PC Chrome>



<Android Chrome>

HTML5 주요 태그

■ HTML5 Input Restrictions

Attribute	Description
disabled	Specifies that an input field should be disabled
max	 Specifies the maximum value for an input field
maxlength	Specifies the maximum number of character for an input field
min	 Specifies the minimum value for an input field
pattern	 Specifies a regular expression to check the input value against
readonly	Specifies that an input field is read only (cannot be changed)
required	 Specifies that an input field is required (must be filled out)
size	Specifies the width (in characters) of an input field
step	 Specifies the legal number intervals for an input field
value	Specifies the default value for an input field

실습 #1

- 다음 양식을 작성해보고, 앞 내용들을 추가로 적용해보세요.

```
<form>
  <table border="1">
    <tbody>
      <tr>
        <td>EMAIL</td><td><input type="email" placeholder="test@test.com" /></td>
      </tr>
      <tr>
        <td>PWD</td><td><input type="password"/></td>
      </tr>
      <tr>
        <td colspan="2"><hr/></td>
      </tr>
      <tr>
        <td>AGE</td><td><input type="number" value="10"/></td>
      </tr>
      <tr>
        <td>BIRTH</td><td><input type="date" min="1980-01-01"/></td>
      </tr>
      <tr>
        <td>GENDER</td>
        <td>
          <input type="radio" name="gender" checked/>M
          <input type="radio" name="gender"/>F
          <input type="radio" name="gender"/>Other
        </td>
      </tr>
      <tr>
        <td>DIFFICULTY</td>
        <td><input type="range" min="0" max="10"/></td>
      </tr>
    </tbody>
  </table>
</form>
```

다음시간에...

```
<div class="container">
  <div class="row">
    <form class="col s12">
      <div class="row">
        <div class="input-field col s6">
          <input placeholder="Placeholder" id="first_name" type="text" class="validate">
          <label for="first_name">First Name</label>
        </div>
        <div class="input-field col s6">
          <input id="last_name" type="text" class="validate">
          <label for="last_name">Last Name</label>
        </div>
      </div>
      <div class="row">
        <div class="input-field col s12">
          <input disabled value="I am not editable" id="disabled" type="text" class="validate">
          <label for="disabled">Disabled</label>
        </div>
      </div>
      <div class="row">
        <div class="input-field col s12">
          <input id="password" type="password" class="validate">
          <label for="password">Password</label>
        </div>
      </div>
      <div class="row">
        <div class="input-field col s12">
          <input id="email" type="email" class="validate">
          <label for="email">Email</label>
        </div>
      </div>
      <div class="row">
        <div class="col s12">
          This is an inline input field:
          <div class="input-field inline">
            <input id="email" type="email" class="validate">
            <label for="email" data-error="wrong" data-success="right">Email</label>
          </div>
        </div>
      </div>
    </form>
  </div>
</div>
```

Placeholder	First Name
	Last Name
I am not editable	Disabled
	Password
	Email
This is an inline input field:	
	Email

다음시간에...

- CSS Framework을 사용하면

First Name
SeongHun

Last Name

Disabled
I am not editable

Password

Email
test

Email
This is an inline input field: test@test.com

<PC Chrome>

First Name
SeongHun

Last Name

Disabled
I am not editable

Password

Email
test










Email
This is an inline input field: test@test.com

<Android Chrome>

형상관리도구

- 코딩 중, 이전 상태로 돌아가고 싶다면...

- 복사본 생성 후 작업?

Name	
	120525_문서_업데이트.txt
	120604_문서.txt
	120605_문서_수정판.txt
	120605_문서_수정판2.txt
	120605_문서_최신 복사.txt
	120605_문서_최신.txt
	120605_문서.txt
	1200602_문서.txt
	문서_회의용.txt

- 팀 프로젝트로 코드를 공유하고 싶다면...

- 중복 수정으로 인한 오류
 - 무엇을 수정했나?

형상관리도구

- 코드의 변경 이력 기록
 - 특정 시점으로 복귀 가능
 - +메시지로 간단한 코멘트 가능
 - 이력 간 코드 비교 가능
- 효율적 코드 공유 가능
 - 공유 시, 덮어 쓰기 방지
 - 메시지로 내역 확인
 - 변경 내역만 확인 가능



-
- 오픈소스 기반 형상 관리 도구
 - 분산 소스코드 관리 방식



▪ Git repository

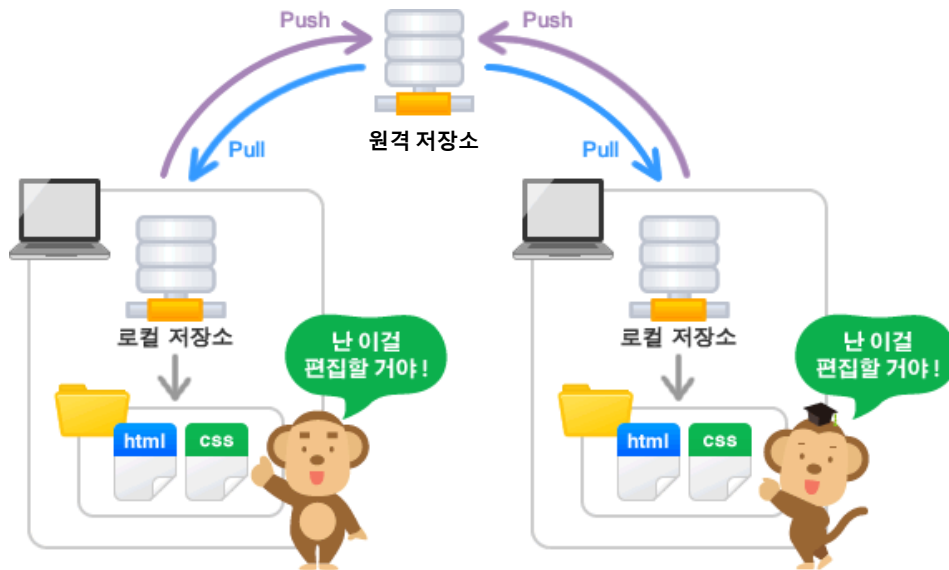
- 파일이나 폴더를 저장해 두는 저장소
- 파일의 변경 이력 별로 구분하여 저장





- Git repository

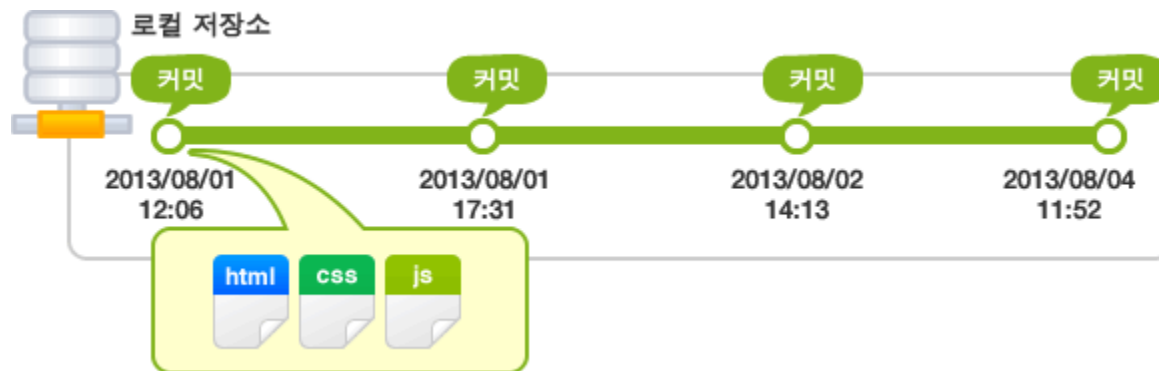
- Remote Repository : 파일을 공유하기 위한 원격 저장소
- Local Repository : 개인 전용 저장소





▪ Commit

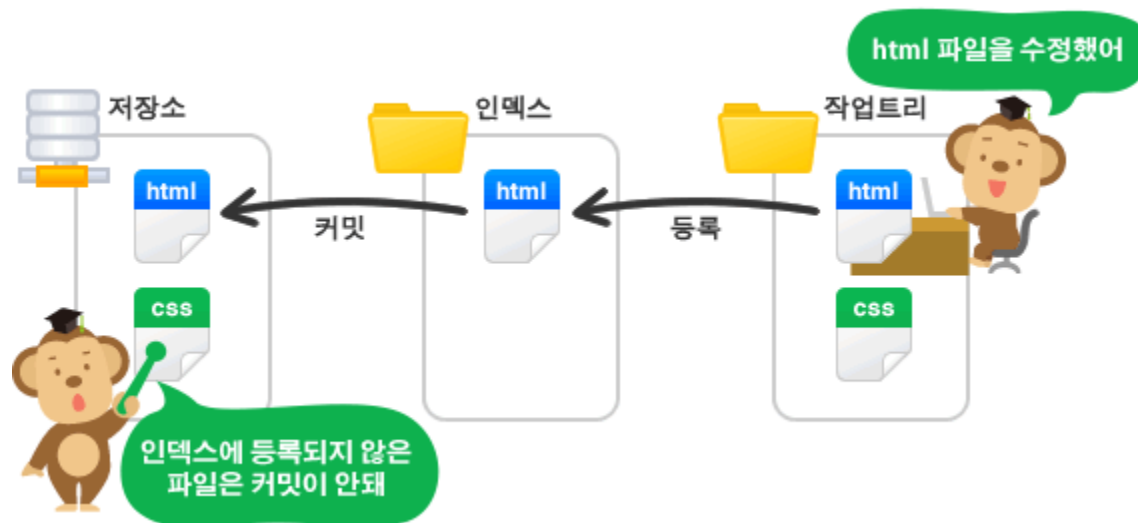
- 파일 및 폴더의 추가/변경 사항을 저장소에 기록
- 이전 커밋 상태부터 현재 상태까지의 변경 이력을 기록
- 코멘트를 추가하여 작업 내용을 기록 가능





▪ Work Tree & Index

- Work Tree >> Index : add
- Index >> Local Repository : commit





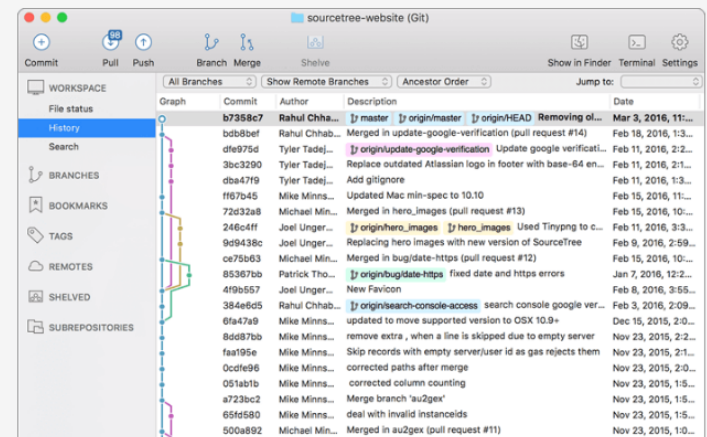
- <http://www.sourcetreeapp.com>
- 무료 Git client
- 윈도우 & MAC 지원

[Download free](#)

Harness the
power of Git and
Hg in a beautifully
simple
application

[Download for Windows](#)

Also available for Mac OS X




Join the SourceTree Beta Program

Want access to new features and improvements before they are in production? Sign up for the Beta program to try new features, provide feedback and engage with the SourceTree Team.

[Sign up now](#)







- ☒ Install
- ☒ License agreement
- ☐ Atlassian account
- ☐ Remotes
- ☐ Install tools
- ☐ Starting repository
- ☐ Clone repository

Log in to your Atlassian account

You will be prompted for your Atlassian account details. You only have to log in once to complete your registration.





Log in with Google

or

By logging in, you agree to the [Privacy Policy](#).

[Having trouble logging in?](#)

Need an account? [Sign up.](#)

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SourceTree: Git을 찾을 수 없습니다



We were not able to locate a Git install on your system already. There are 3 ways we can deal with this:

단일 SourceTree용 내장 Git를 다운로드 받으세요.

Browse to the location of Git on your system (if we missed it)

다시 체크해주세요. (플버전의 Git 를 다시 다운로드 받아 설치해 주셔야 합니다.)

Git 사용하는 것을 원하지 않습니다

SourceTree: Mercurial을 찾을 수 없습니다



We were not able to locate a Mercurial install on your system already. There are 3 ways we can deal with this:

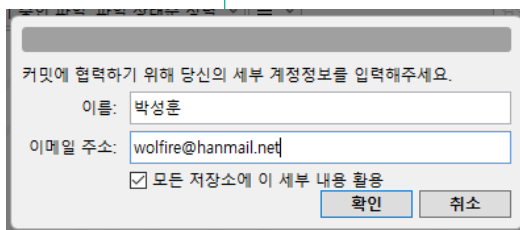
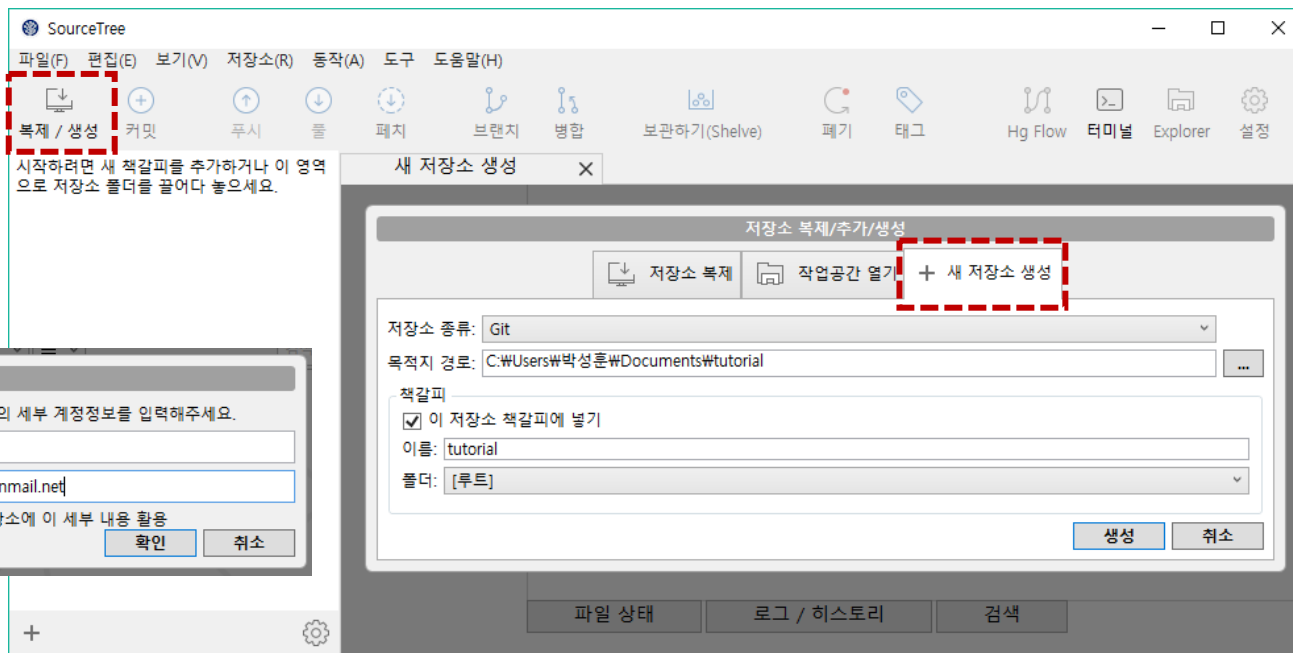
SourceTree 와 독립된 내장 Mercurial 버전을 다운로드 받으세요.

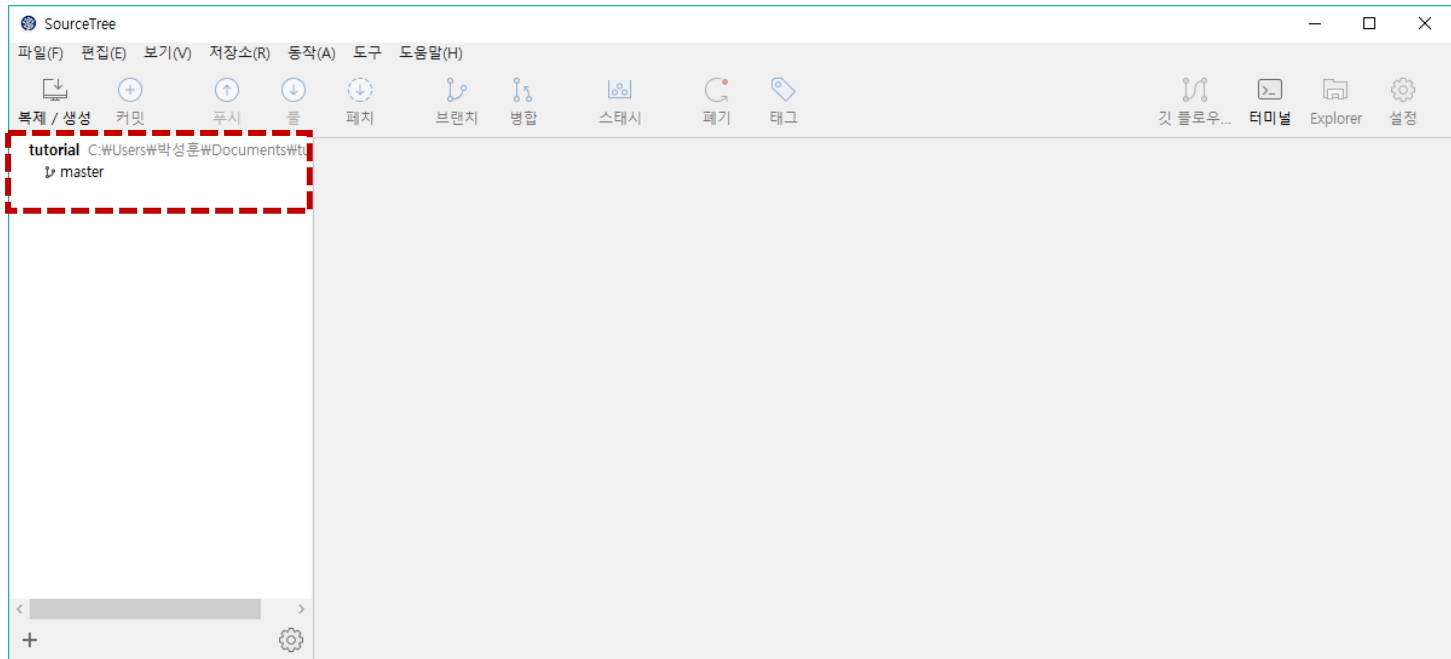
(놓쳤을 경우) 시스템 머큐리얼 위치 탐색

Check again (should you wish to download and install a full version of Mercuria

Mercurial을 사용하지 않겠습니다

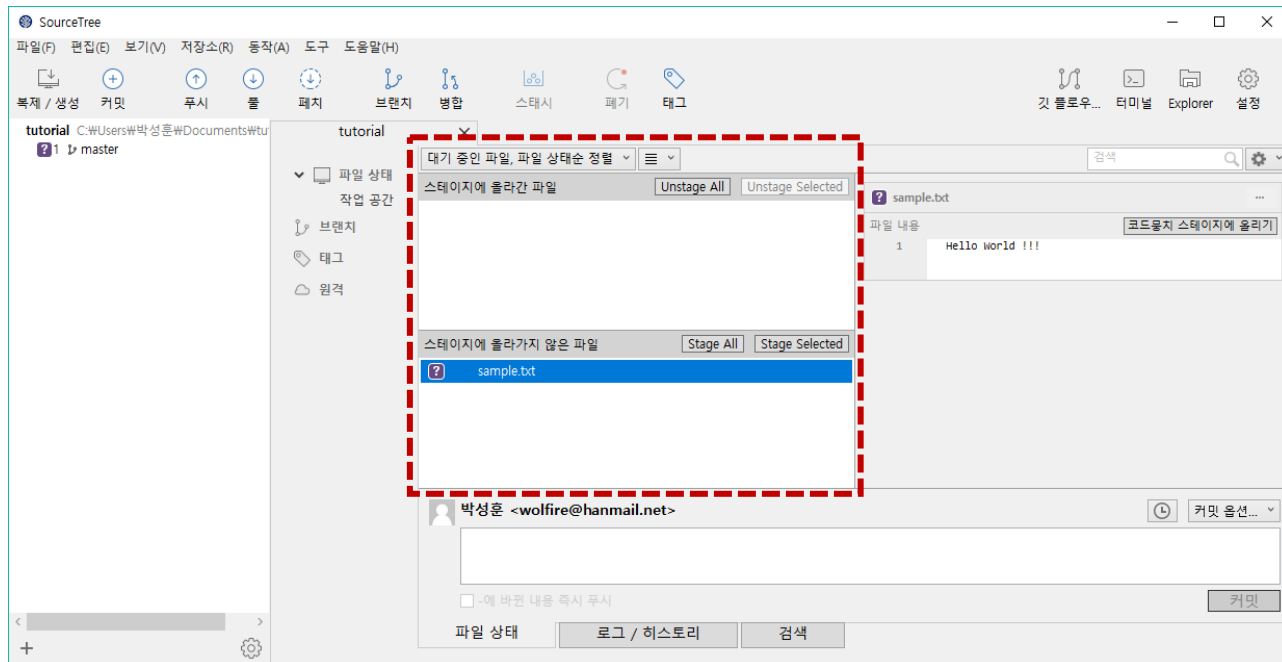


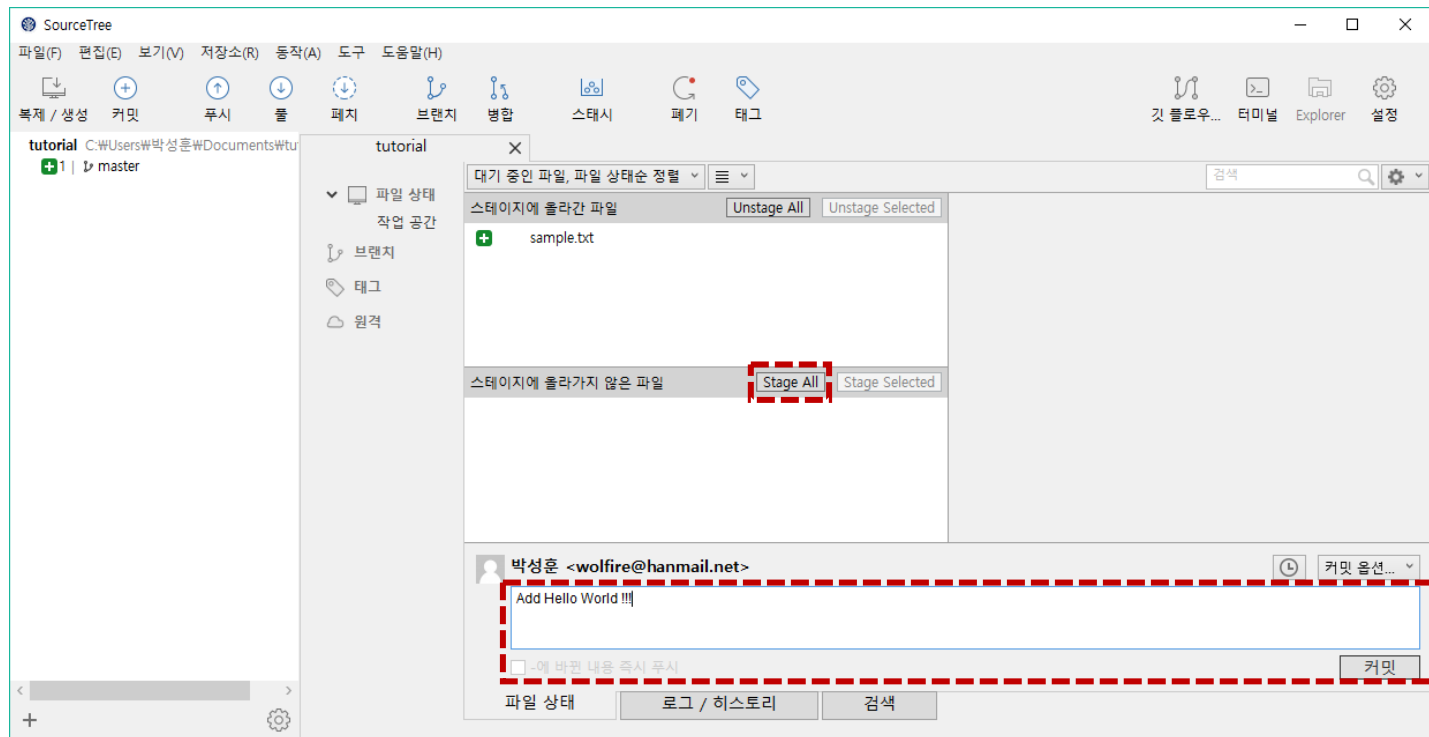


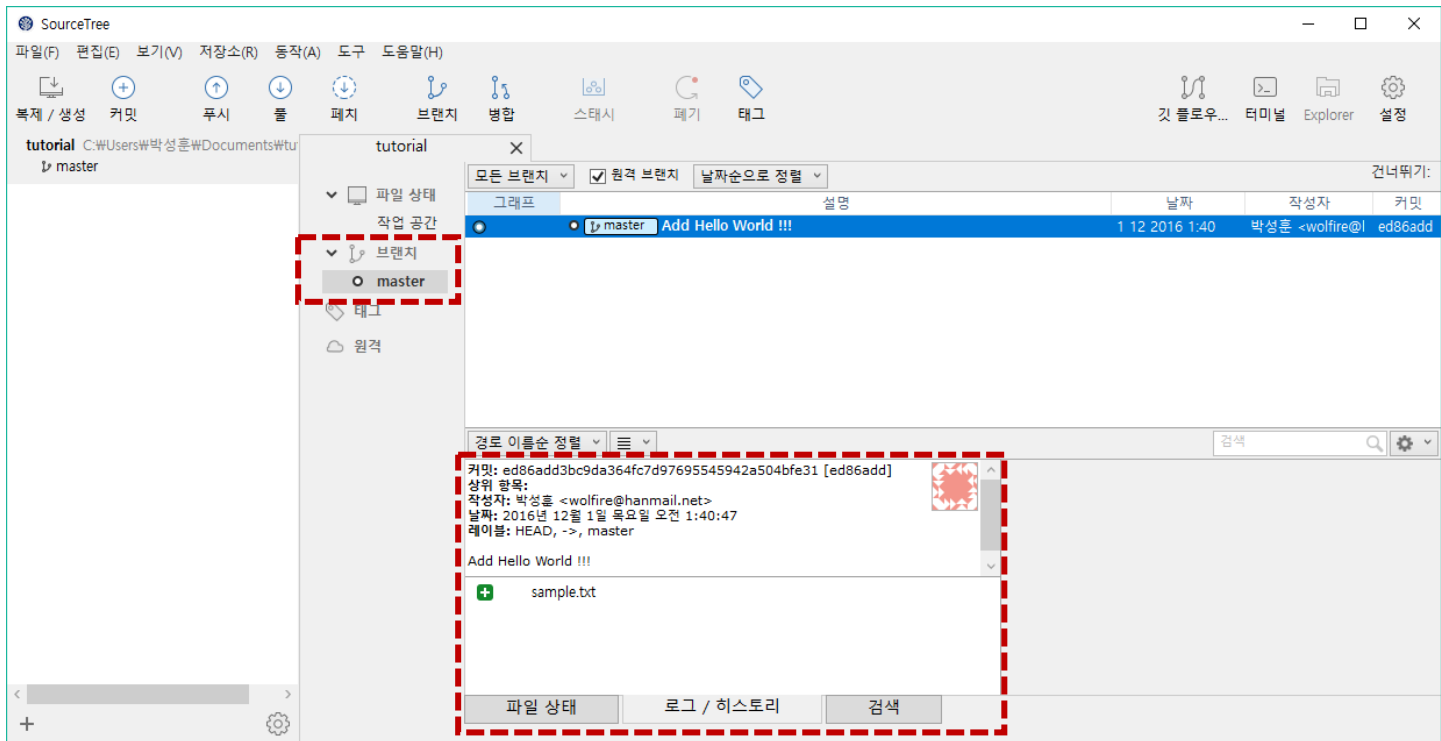




- 해당 폴더에 sample.txt (Hello World !!!) 생성

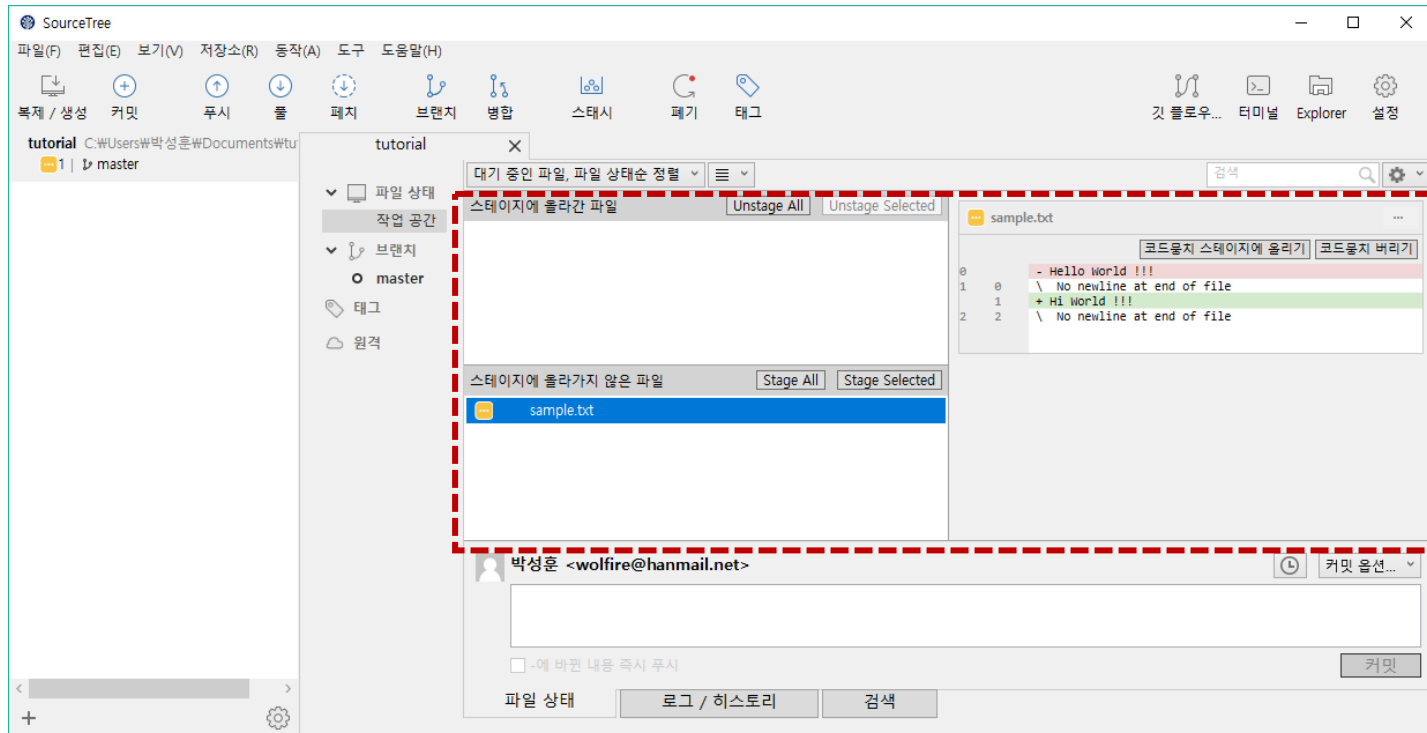


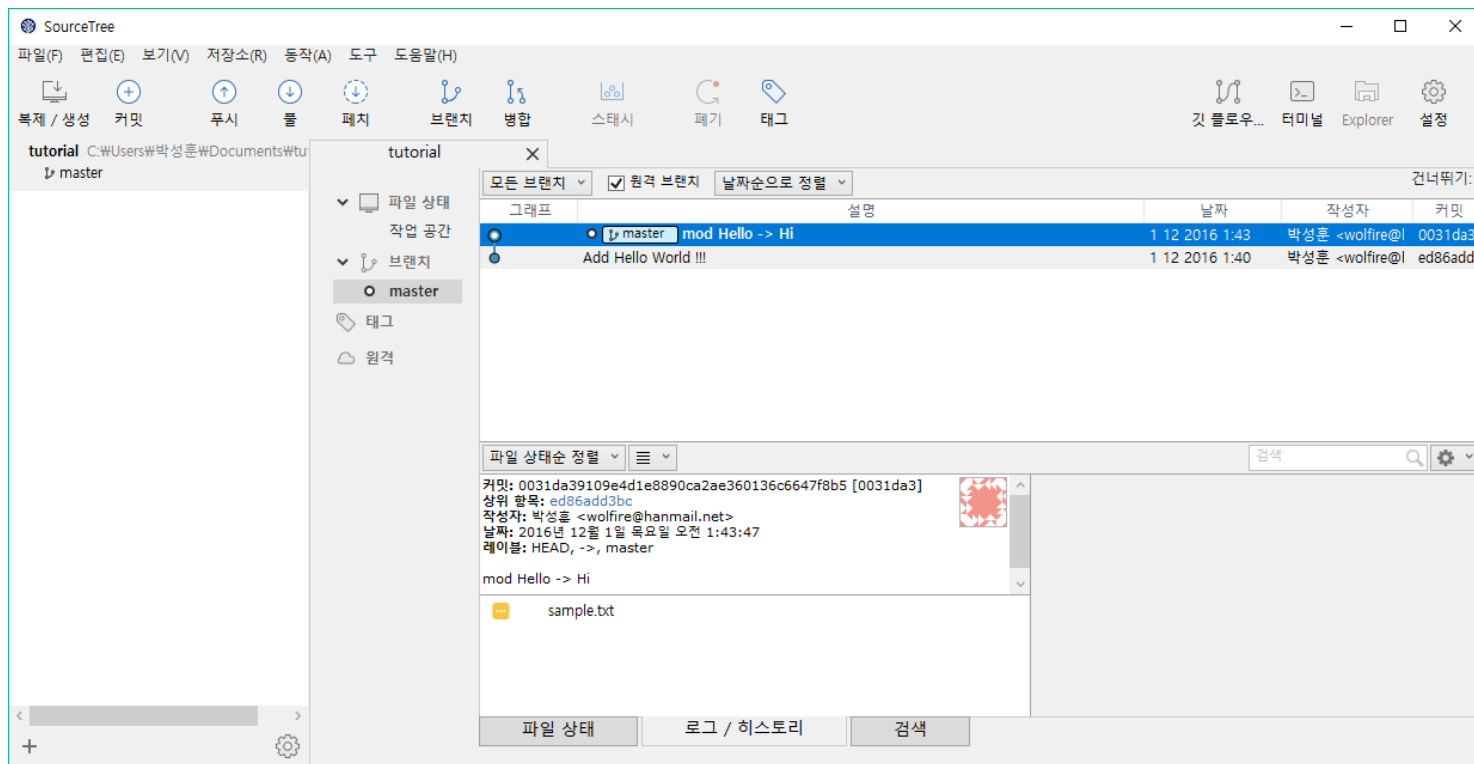






- sample.txt 수정 (Hi World !!!)





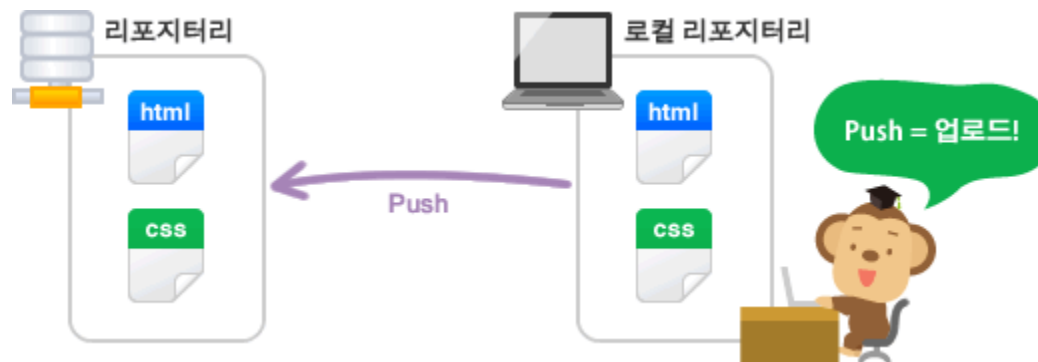


- “Add Hello World !!!” 마우스 우클릭 >> 체크 아웃
- sample.txt 파일 확인



▪ Push

- Local Repository의 내용을 Remote Repository에 공유
- 마찬가지로 이력 관리 수행



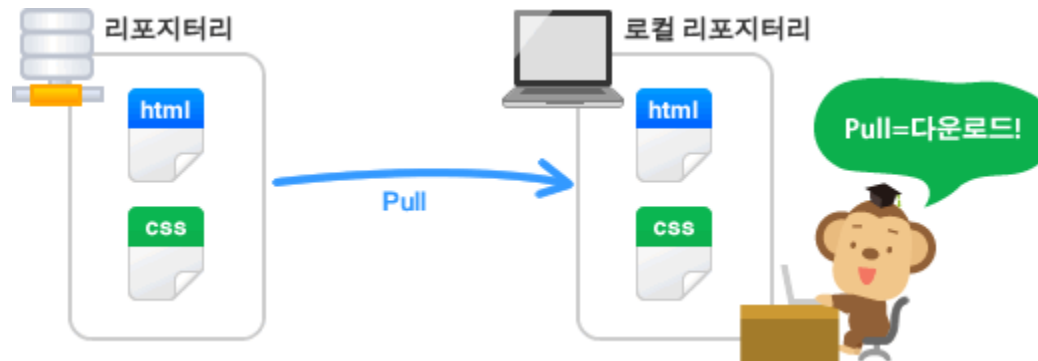


▪ Clone

- Remote Repository의 내용을 복제해 Local Repository의 저장
- 변경 이력 전체를 복제해옴

▪ Pull

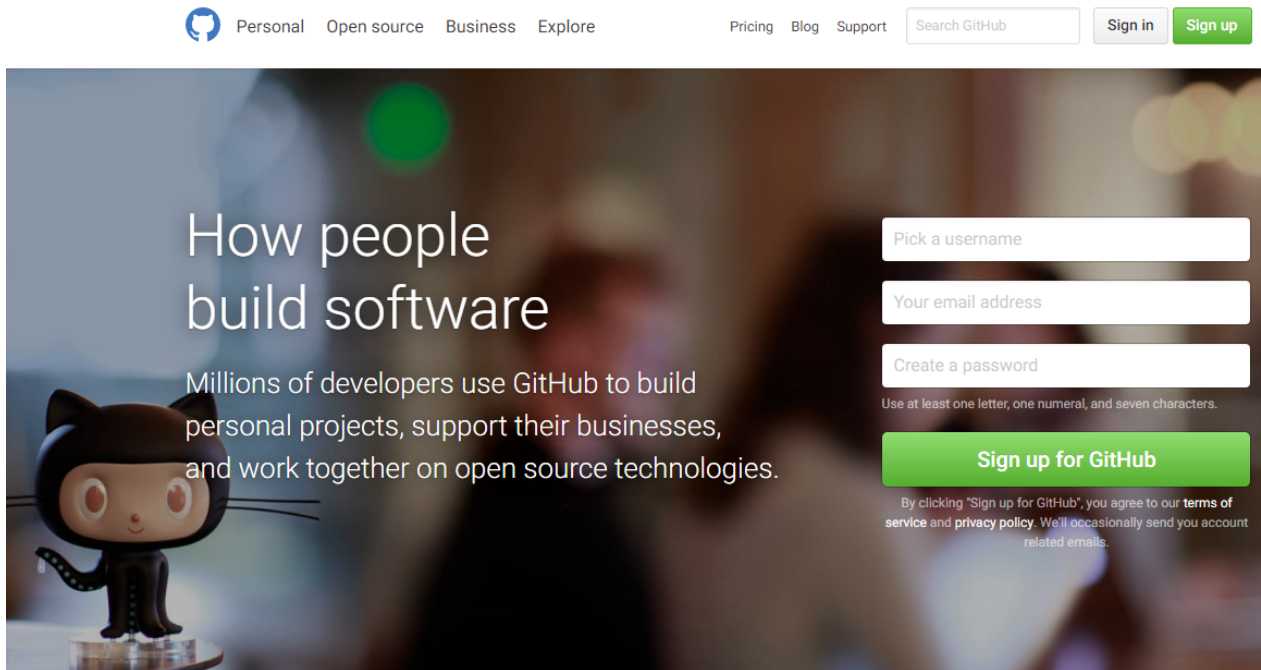
- Remote Repository 내용으로 Local Repository 업데이트





▪ Github

- <https://github.com>
- Remote Repository 중 하나

A screenshot of the GitHub homepage. The top navigation bar includes links for "Personal", "Open source", "Business", and "Explore", along with "Pricing", "Blog", and "Support". A search bar and "Sign in" and "Sign up" buttons are also present. The main content area features the headline "How people build software" and a sub-headline "Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies." A small GitHub mascot figure is visible on the left. On the right, there is a sign-up form with fields for "Pick a username", "Your email address", and "Create a password", followed by a "Sign up for GitHub" button. Below the button, there is a small disclaimer about agreeing to terms of service and privacy policy.

Personal Open source Business Explore Pricing Blog Support Search GitHub Sign in Sign up

How people build software

Millions of developers use GitHub to build personal projects, support their businesses, and work together on open source technologies.

Pick a username

Your email address

Create a password

Use at least one letter, one numeral, and seven characters.

Sign up for GitHub

By clicking "Sign up for GitHub", you agree to our [terms of service](#) and [privacy policy](#). We'll occasionally send you account related emails.



■ Github

■ Project 생성

Learn Git and GitHub without any code!

Using the Hello World guide, you'll create a repository, start a branch, write comments, and open a pull request.

[Read the guide](#)[Start a project](#)

Create a new repository

A repository contains all the files for your project, including the revision history.

Owner

 wolfirea ▼

Repository name

/ tutorialRemote ✓

Great repository names are short and memorable. Need inspiration? How about **laughing-system**.

Description (optional)



Public

Anyone can see this repository. You choose who can commit.



Private

You choose who can see and commit to this repository.

☐ Initialize this repository with a README

This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: None ▼

Add a license: None ▼

[Create repository](#)



■ Github

wolfirea / tutorialRemote

Unwatch 1 Star 0 Fork 0

<> Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

Quick setup — if you've done this kind of thing before

Set up in Desktop or **HTTPS** SSH `https://github.com/wolfirea/tutorialRemote.git`

We recommend every repository include a [README](#), [LICENSE](#), and [.gitignore](#).

...or create a new repository on the command line

```
echo "# tutorialRemote" >> README.md
git init
git add README.md
git commit -m "first commit"
git remote add origin https://github.com/wolfirea/tutorialRemote.git
git push -u origin master
```

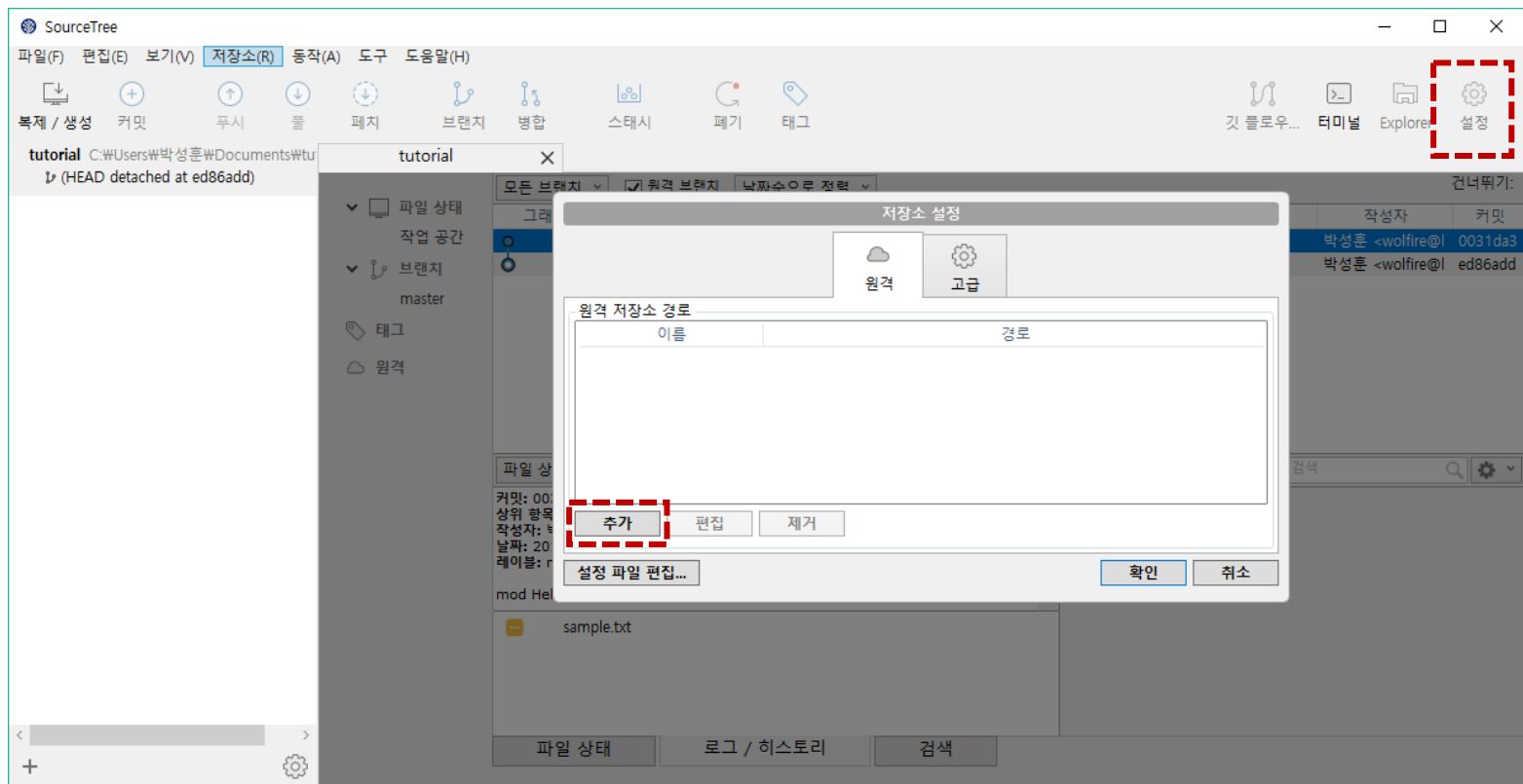
...or push an existing repository from the command line

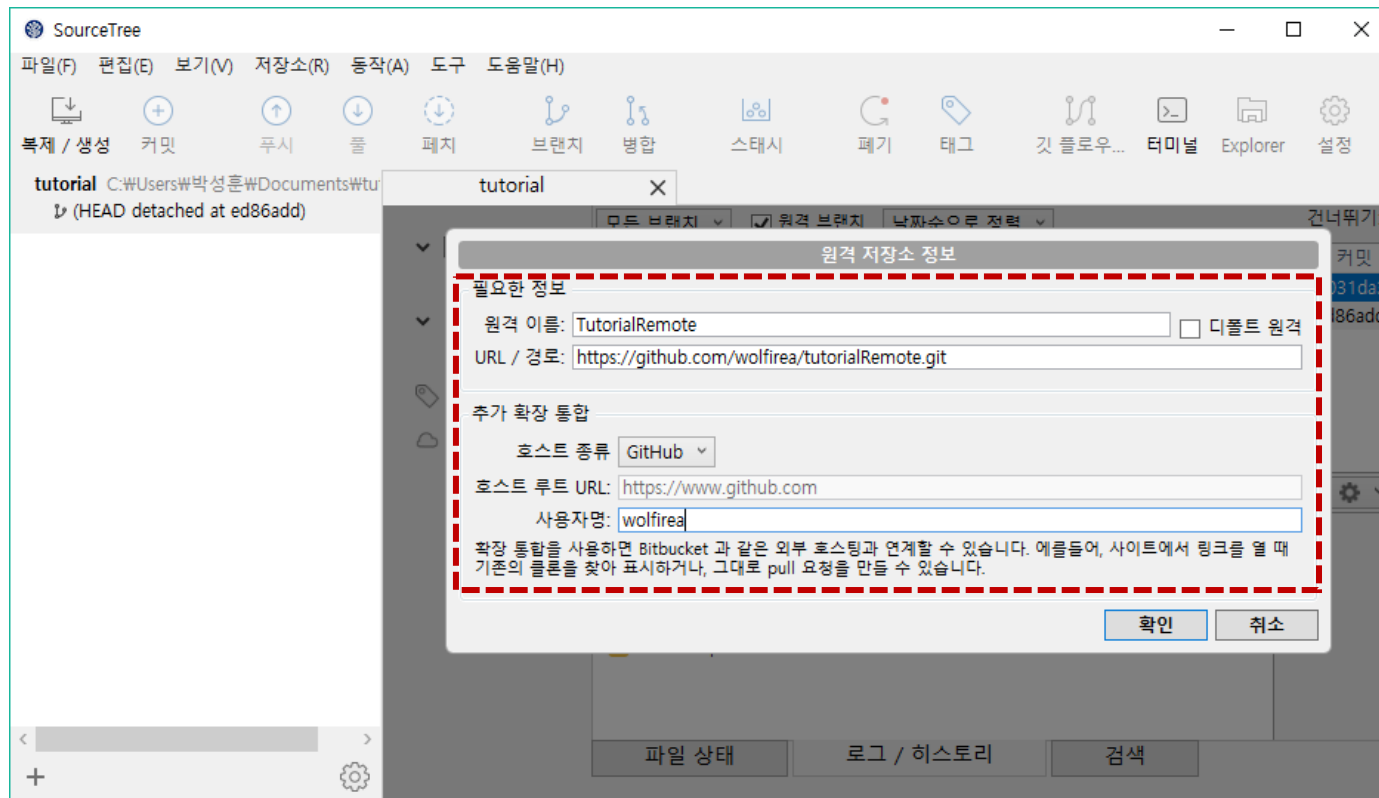
```
git remote add origin https://github.com/wolfirea/tutorialRemote.git
git push -u origin master
```

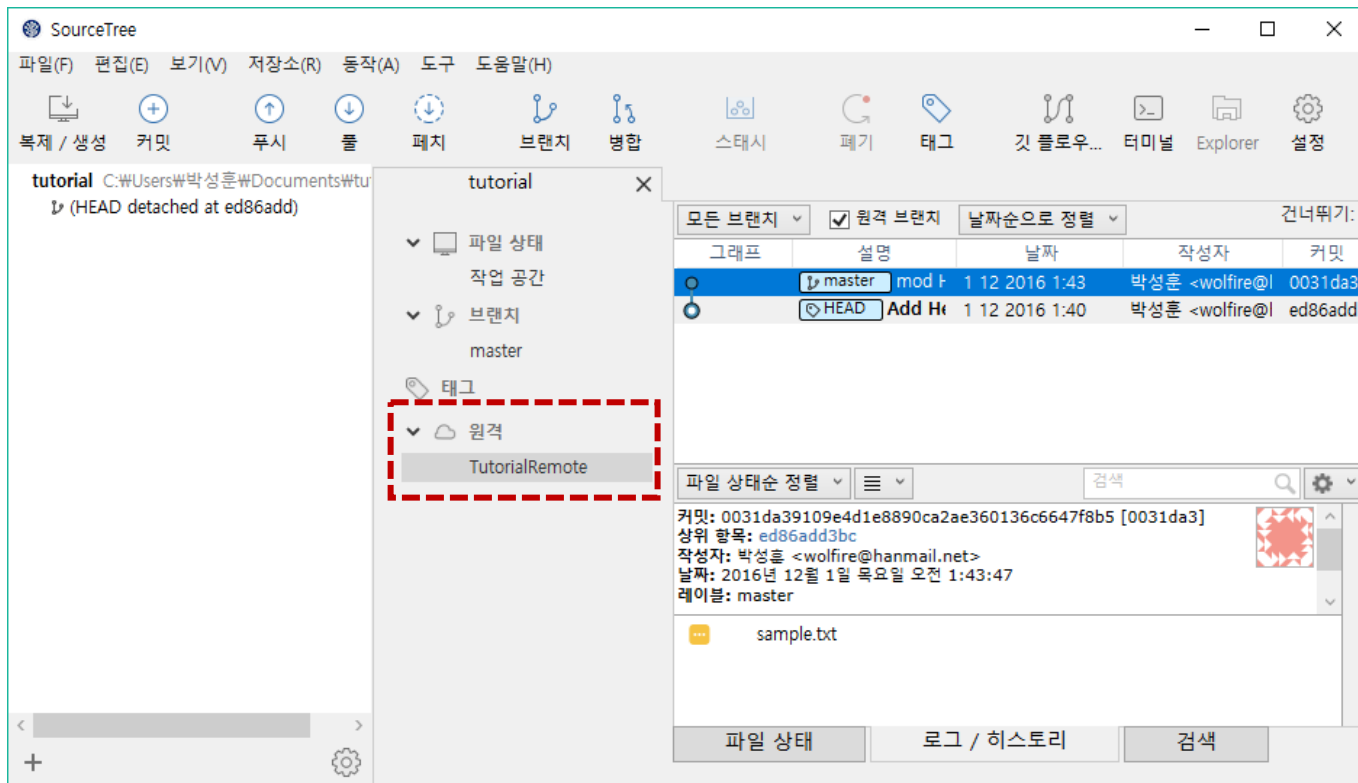
...or import code from another repository

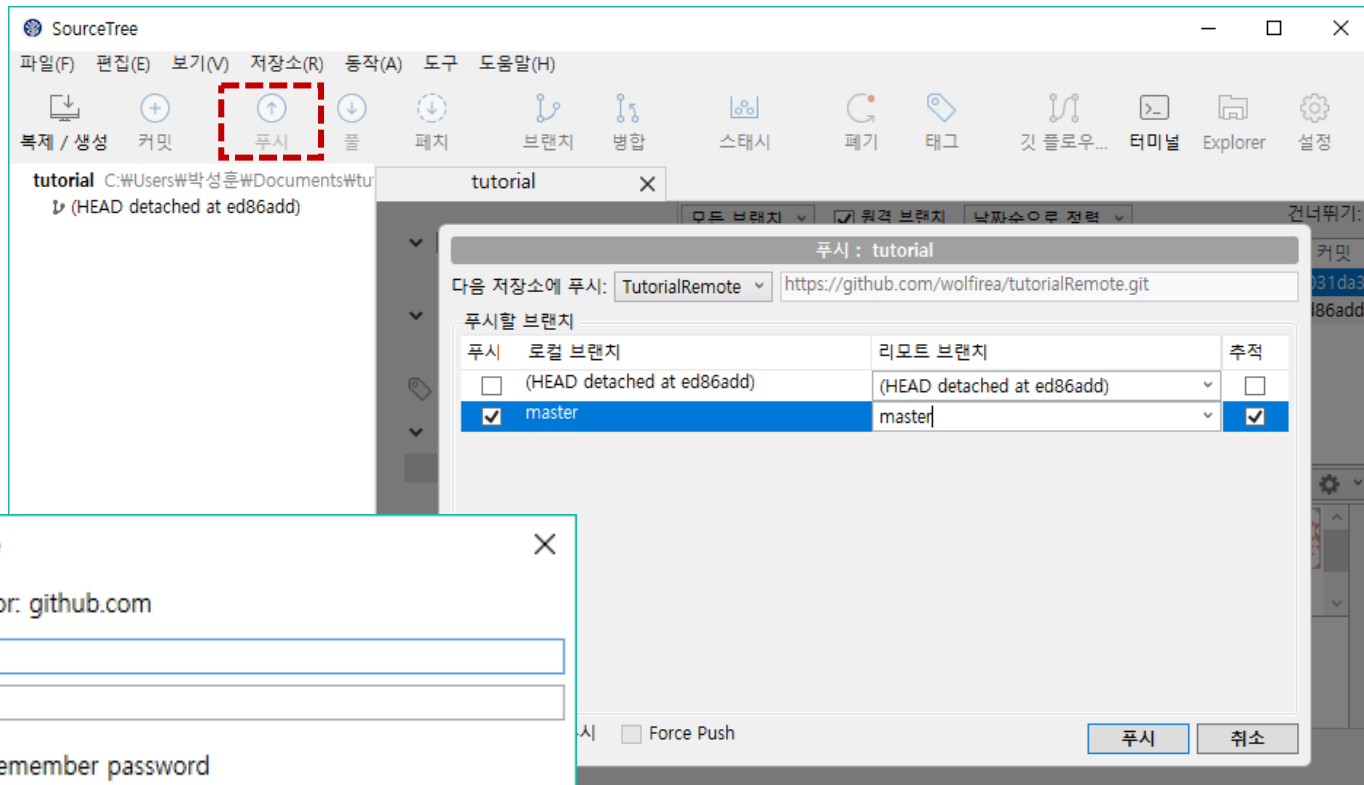
You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

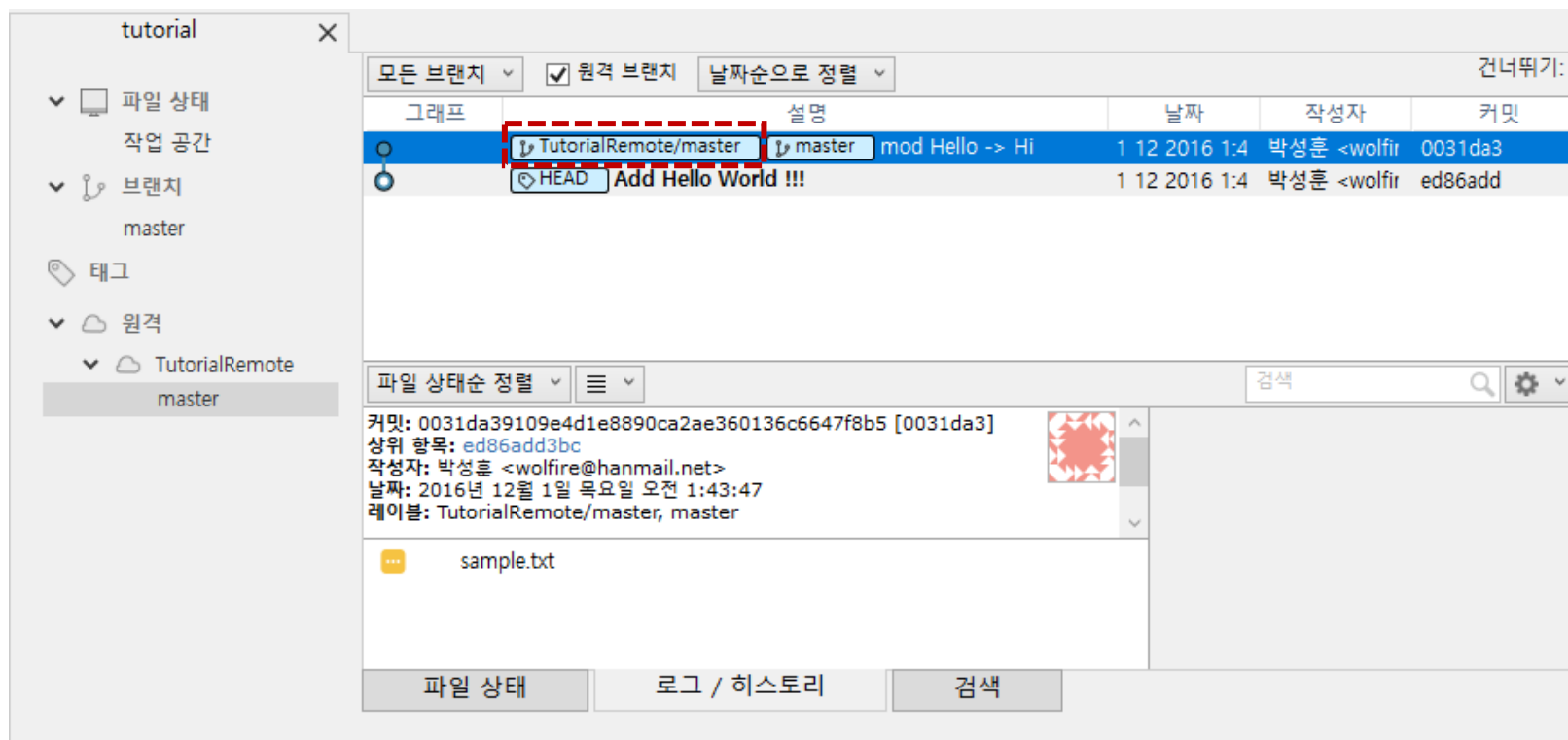
Import code













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 wolfirea mod Hello -> Hi

Latest commit 0031da3 an hour ago

📄 sample.txt

mod Hello -> Hi

an hour ago

Help people interested in this repository understand your project by adding a README.

Add a README

과제 #2

- 각자가 만든 Github URL을 메일로 제출
- 제출 : wolfire@hanmail.net
- 메일명 : [웹프][날짜][학번][이름]
(EX : [웹프][0309][201471200][박성훈])
- 메일내용 : <https://github.com/wolfirea/tutorialRemote>