## Working Remotely with Git

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## Overview

- Cloning a remote repository
- Listing remote repositories
- Fetching changes from a remote
- Merging changes
- Pulling from a remote
- Pushing changes remotely
- Working with tags

## **Git Protocols**

| Protocol | Port   | Example                              | Notes  |
|----------|--------|--------------------------------------|--|
| http(s)  | 80/443 | https://github.com/jquery/jquery.git | Read-write<br>Password for auth<br>Firewall friendly |
| git      | 9418   | git://github.com/jquery/jquery.git   | Read-only<br>Anonymous only                          |
| ssh      | 22     | git@github.com:jquery/jquery.git     | Read-write<br>SSH keys for auth                      |
| file     | n/a    | /Users/James/code/jquery             | Read-write<br>Local only                             |

## Summary

- Cloning a remote repository
- Fetching and pulling from a remote repository
- Pushing changes
- Working with tags