


# Git Resources

DAG code repository: <https://github.com/dagdpz>

Test repositories to try things out  : <https://github.com/dagdpz/test>  
[https://github.com/dagdpz/test\\_restricted\\_commits](https://github.com/dagdpz/test_restricted_commits)



Really easy GUI client for Win or Mac: <https://windows.github.com/>

for **the even more simple and intuitive previous version of GitHub**, use  
 Y:\Software\GitHub\GitHubSetup.exe

Intuitive and more powerful client, Win, Linux, Mac: <http://www.collab.net/downloads/giteye>

To add repositories to MATLAB path, **excluding** .git, add the following in startup.m

```
addpath(genpath_exclude('...Repos', '.git')); % genpath_exclude function in
Igttools/external
```

## Basic ideas:

1. Create repository:

New >

2. For an existing repository:

2.1 When you are working on your own or sequentially (i.e. no concurrent edits)

GitHub: sync, change code, commit and sync (now you should see changes online)

(OR)

GitEye: pull, change code, commit and push (now you should see changes online)

2.2 When editing concurrently (by >1 person) and doing the same as in 2.1:

## Sync conflict!

```
<<<<<<< HEAD
% concurrent edit from IKDAG (after the file was already edited and
committed from igor.broadmonk)
=====
```

```
% concurrent edit from igor.broadmonk  
>>>>>> origin/master
```

Resolve conflicts, then commit and push/sync again

## 2.3 Working with branches

### 2.3.1 Create new branch

### 2.3.2 Do same as 2.1

### 2.3.3 Pull Request > New pull request > Create Pull Request > Merge pull request

## More detailed help

<http://git-scm.com/doc>

<http://git-scm.com/book/en/v2>

<http://alblue.bandlem.com/2011/07/setting-up-google-code-with-git.html>



Great cheatsheet: <http://ndpsoftware.com/git-cheatsheet.html>

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Useful link for syncing server and local folders:

<http://www.howtogeek.com/howto/7604/synchronize-folders-between-computers-and-drives-with-sync-toy-2.1/>

## Obsolete

(Note: Google Code has been discontinued as of 2015)

<https://code.google.com/hosting/settings>

<https://code.google.com/p/dagcode/>

From:

<http://dag.dokuwiki.dpz.lokal/> - **DAG wiki**

Permanent link:

[http://dag.dokuwiki.dpz.lokal/doku.php?id=git:git\\_resources](http://dag.dokuwiki.dpz.lokal/doku.php?id=git:git_resources)

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