

# GIT-READY GIT-SET GO!!

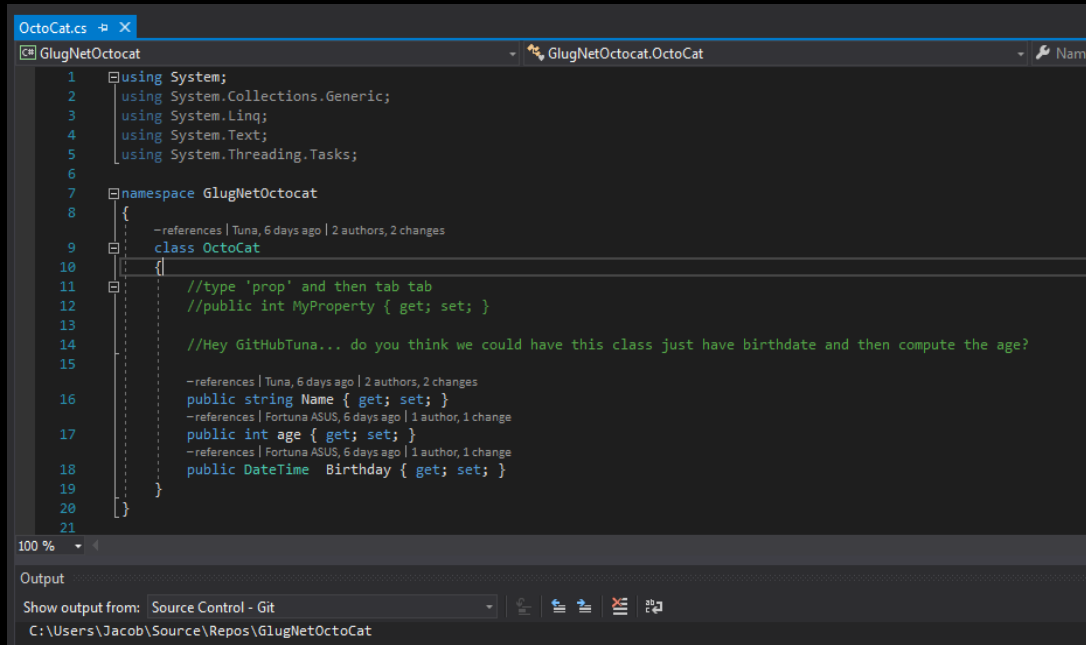


BY JACOB FORTUNA

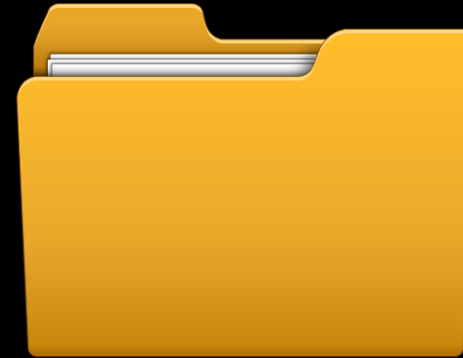
<https://www.meetup.com/GLUGnet/>

# GIT - OVERVIEW

## OctoCat Application



```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace GlugNetOctocat
8 {
9     //references | Tuna, 6 days ago | 2 authors, 2 changes
10    class OctoCat
11    {
12        //type 'prop' and then tab tab
13        //public int MyProperty { get; set; }
14
15        //Hey GitHubTuna... do you think we could have this class just have birthdate and then compute the age?
16
17        //references | Tuna, 6 days ago | 2 authors, 2 changes
18        public string Name { get; set; }
19        //references | Fortuna ASUS, 6 days ago | 1 author, 1 change
20        public int age { get; set; }
21        //references | Fortuna ASUS, 6 days ago | 1 author, 1 change
22        public DateTime Birthday { get; set; }
23    }
24 }
```



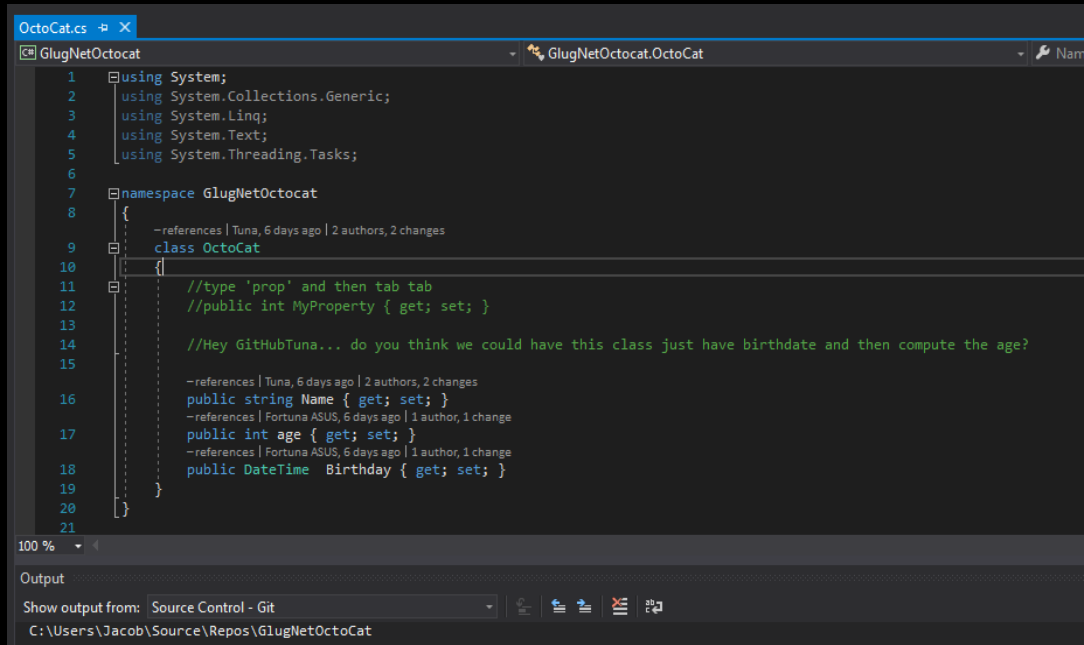
C:\Users\[PC\_NAME]\source\repos  
GlugNetOctoCat



[https://github.com/GitHubTuna/  
GlugNetOctoCat](https://github.com/GitHubTuna/GlugNetOctoCat)

# Local Changes

## OctoCat Application



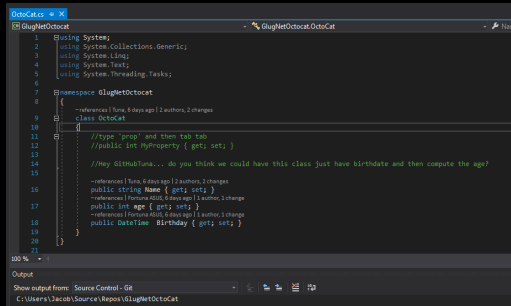
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21         //references | Fortuna ASUS, 6 days ago | 1 author, 1 change
22         public DateTime Birthday { get; set; }
23     }
24 }
```

Commit

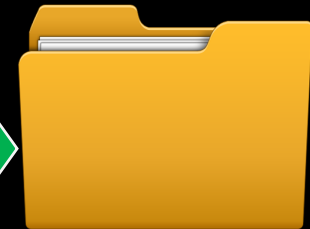
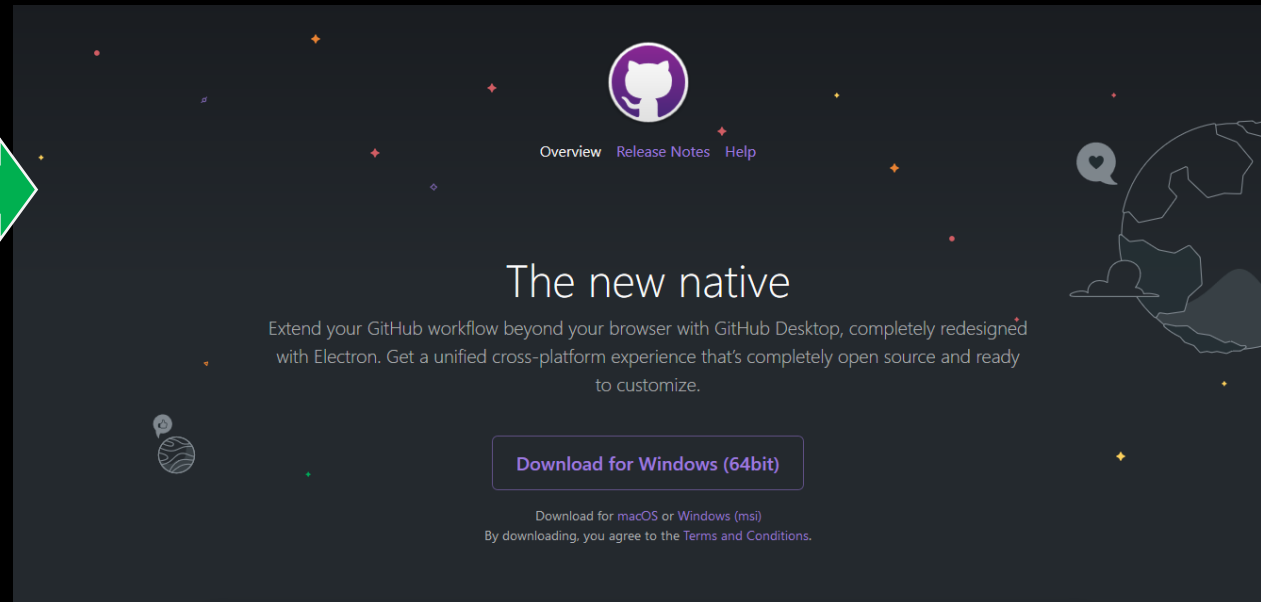


C:\Users\[PC\_NAME]\source\repos  
GlugNetOctoCat

# GitHub Desktop

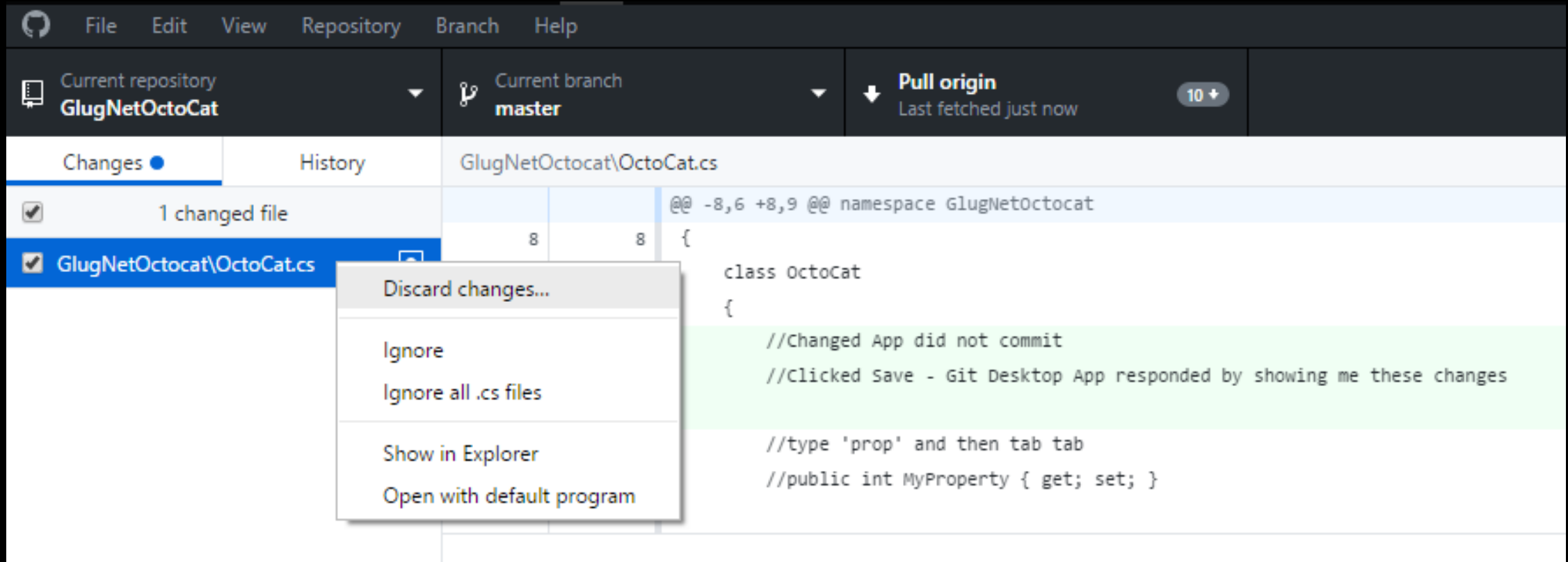


```
1 using System;
2 using System.Collections.Generic;
3 using System.Linq;
4 using System.Text;
5 using System.Threading.Tasks;
6
7 namespace GlugNetOctocat
8 {
9     //reference [Task, 5 days ago] 2 authors, 2 changes
10     class Octocat
11     {
12         //type 'prop' and then tab tab
13         //public int MyProperty { get; set; }
14
15         //My GithubTime... do you think we could have this class just have birthdate and then compute the age?
16
17         //reference [Task, 5 days ago] 2 authors, 2 changes
18         public string Name { get; set; }
19         //reference [Task, 5 days ago] 1 author, 1 change
20         public int age { get; set; }
21         //reference [Task, 5 days ago] 1 author, 1 change
22         public DateTime Birthday { get; set; }
23     }
24 }
```



C:\Users\[PC\_NAME]\source\repos  
GlugNetOctocat

# GitHub Desktop



# GitHub



C:\Users\[PC\_NAME]\source\repos  
GlugNetOctoCat

Push



Fetch / Pull



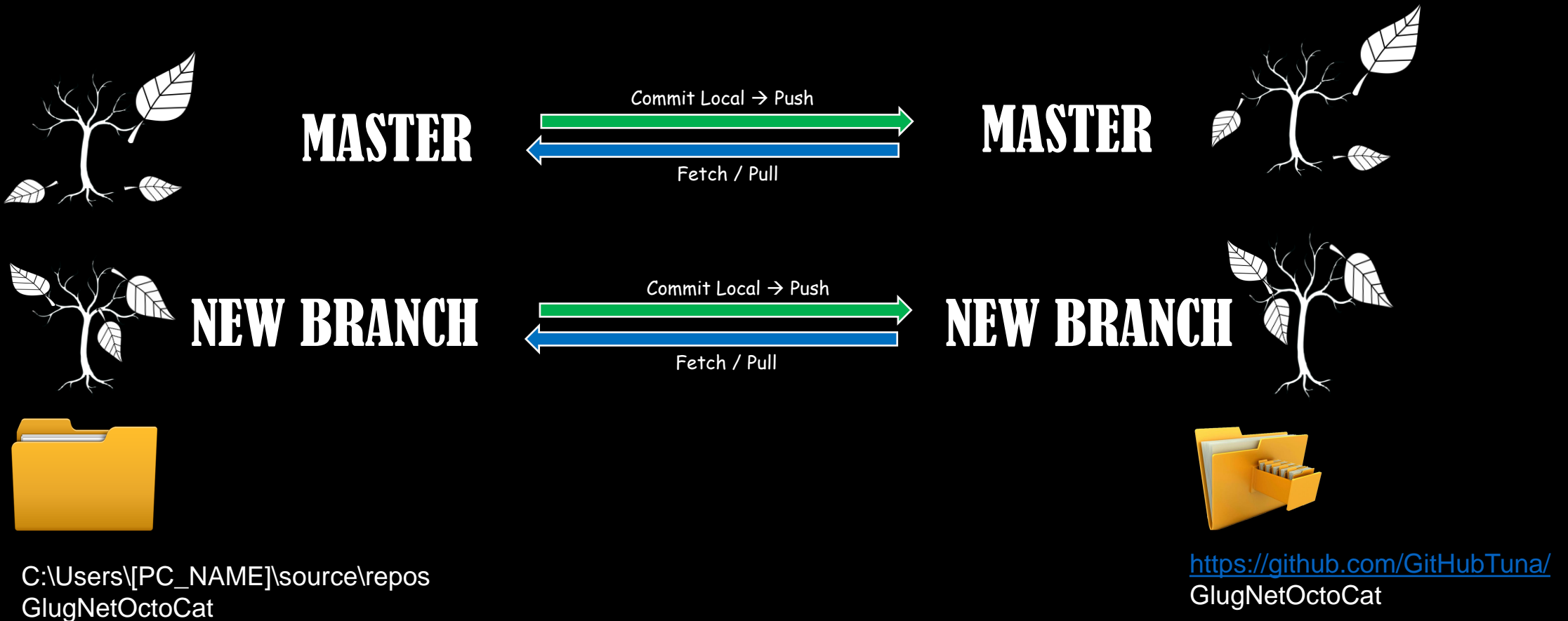
[https://github.com/GitHubTuna/  
GlugNetOctoCat](https://github.com/GitHubTuna/GlugNetOctoCat)

# GitHub

The screenshot shows the GitHub web interface for the repository `GitHubTuna/GlugNetOctoCat`. The browser address bar shows the URL `https://github.com/GitHubTuna/GlugNetOctoCat`. The repository page includes a header with the repository name, a search bar, and navigation links for Pull requests, Issues, Marketplace, and Explore. Below the header, the repository name is repeated, followed by buttons for Watch (1), Star (0), and Fork (0). A secondary navigation bar contains links for Code, Issues (0), Pull requests (0), Projects (0), Wiki, Settings, and Insights. The main content area displays the repository description "Source control DEMO 1" with an "Edit" button and a link to "Add topics". Below this, a summary bar shows 14 commits, 1 branch, 0 releases, and 2 contributors. A row of buttons includes "Branch: master", "New pull request", "Create new file", "Upload files", "Find file", and "Clone or download". The file list section shows the repository owner and the latest commit, followed by a table of files and their commit history.

GitHubTuna TEST		Latest commit c6c6ab5 a day ago
GlugNetOctocat	TEST	a day ago
.gitattributes	Add .gitignore and .gitattributes.	6 days ago
.gitignore	Add .gitignore and .gitattributes.	6 days ago
GlugNetOctocat.sln	Add project files.	6 days ago
README.md	Added Try Catch note	5 days ago

# Branch



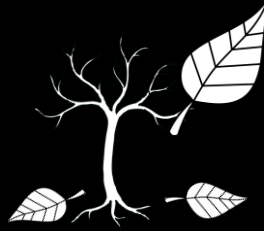


# Branch



C:\Users\[PC\_NAME]\source\repos  
GlugNetOctoCat

**REVISION**  
Local Branch



**MERGE**



**MASTER**  
Main Shared  
GIT REPO



[https://github.com/GitHubTuna/  
GlugNetOctoCat](https://github.com/GitHubTuna/GlugNetOctoCat)

# Git Bash



To “UNDO-ALL” changes:  
`$git reset --hard HEAD`

```
MINGW32/c/Users/Jacob/source/repos/glugnetoctocat
Jacob@Jacob-PC MINGW32 ~
$ cd source

Jacob@Jacob-PC MINGW32 ~/source
$ cd repos

Jacob@Jacob-PC MINGW32 ~/source/repos
$ cd glugnetoctocat

Jacob@Jacob-PC MINGW32 ~/source/repos/glugnetoctocat (master)
$ git status
On branch master
Your branch is behind 'origin/master' by 10 commits, and can be fast-forwarded.
(use "git pull" to update your local branch)

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git checkout -- <file>..." to discard changes in working directory)

        modified:   GlugNetOctocat/OctoCat.cs

no changes added to commit (use "git add" and/or "git commit -a")

Jacob@Jacob-PC MINGW32 ~/source/repos/glugnetoctocat (master)
$
```

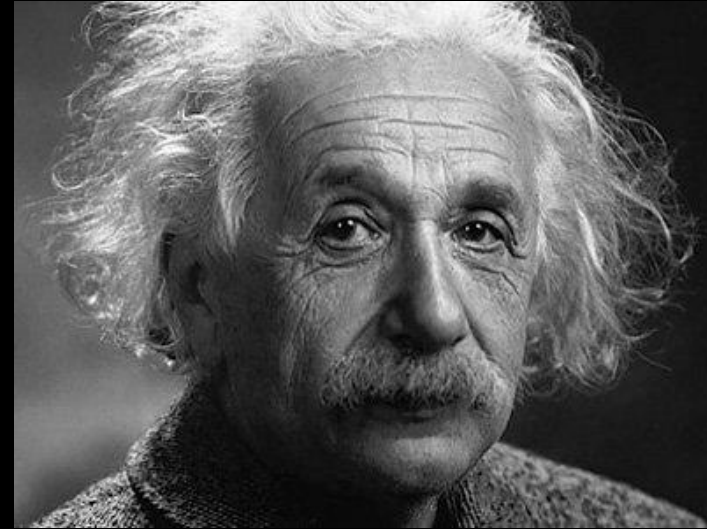
To give yourself a new name for a commit(s):  
`git config --global user.name "[DESIRED NAME]"`

`$ git config --global user.name`  
`> [Desired Name]`



COMMANDS  
-GIT

# DEMO TIME



"As a human being, one has been endowed with just enough intelligence to be able to see clearly how utterly inadequate that intelligence is when confronted with what exists."

-Albert Einstein

# DEMO FOLLOW-UP

What else do you think we could get from what we have learned about GIT?



# Questions





OCTOCAT

# TIME TO GIT HOME

BY JACOB FORTUNA

<https://www.meetup.com/GLUGnet/>