GITHUB

SOCIAL CODING

ABSTRACT

GitHub is a web-based Git repository hosting service, which offers all of the Distributed revision control and source code management (SCM) functionality of Git as well as adding its own features. Unlike Git, which is strictly a command-line tool, GitHub provides a web-based graphical interface and desktop as well as mobile integration. It also provides access control and several collaboration features such as wikis, task management, and bug tracking and feature requests for every project.

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Mandakini Saranu – 10674
Phanindhar Repala - 12414
Rohini Mukkala - 10517

CS595(A) - Computer Science Capstone Course

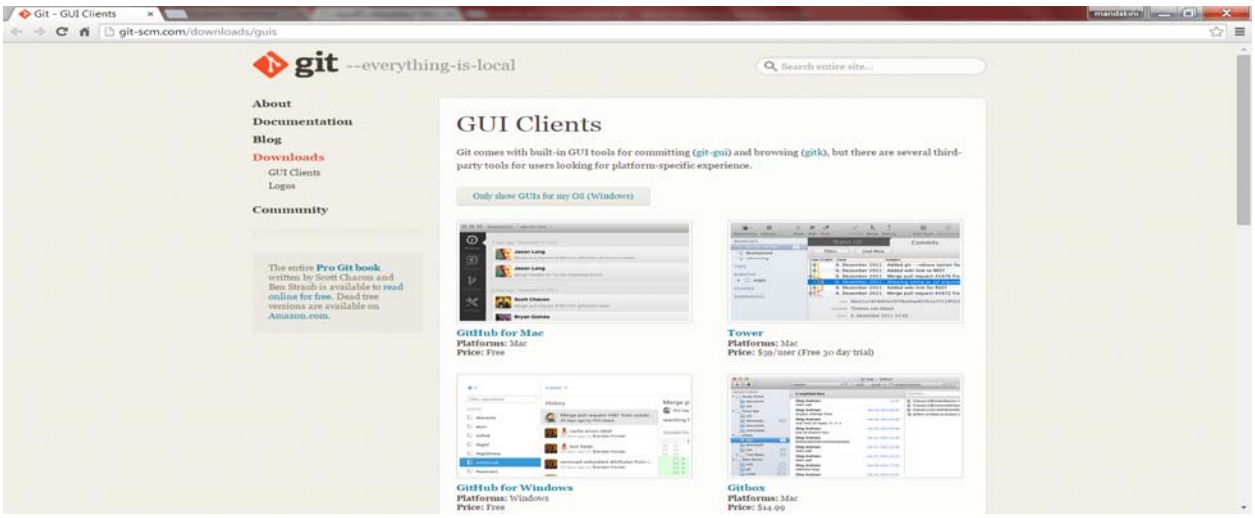
What is Git?

What is GitHub?

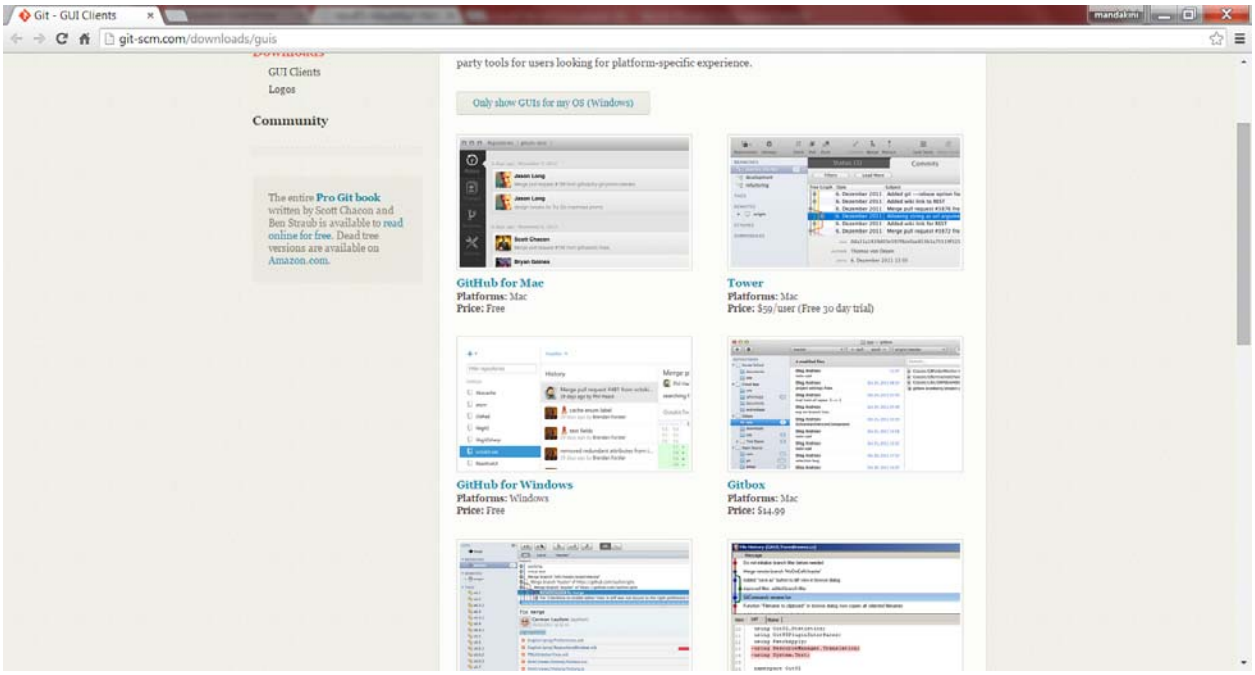
GitHub is a web-based Git repository hosting service, which offers all of the distributed revision control and source code management (SCM) functionality of Git as well as adding its own features.

Git Downloads

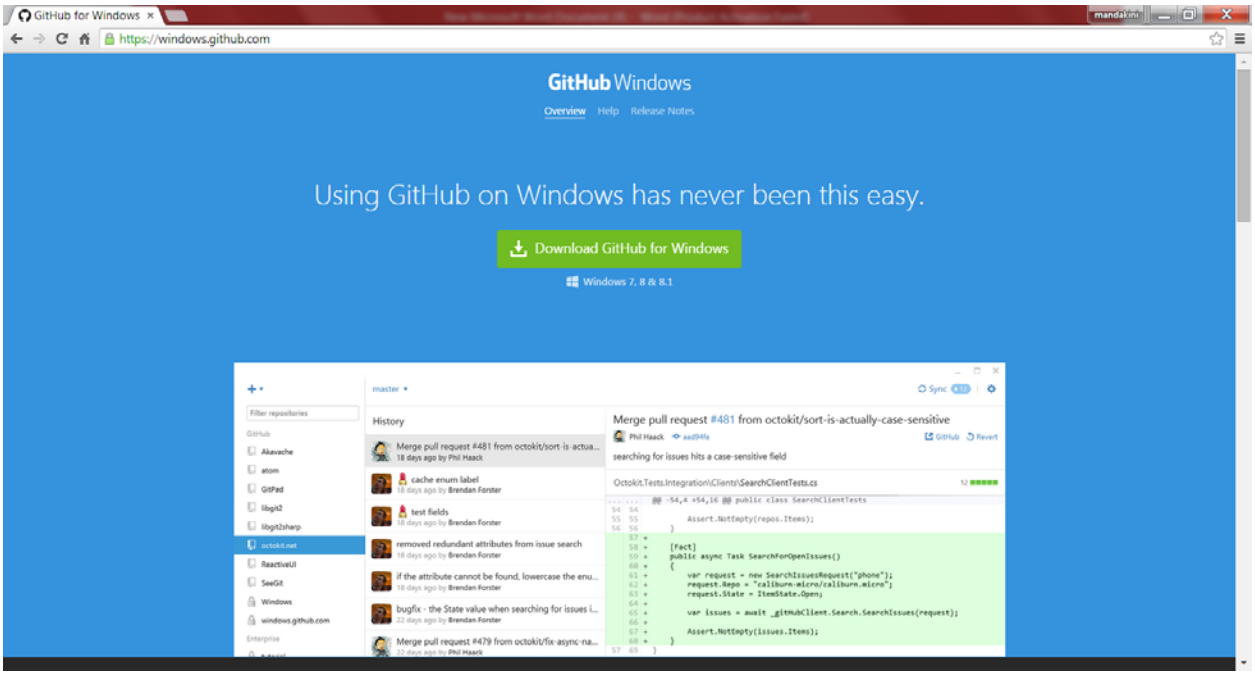
http://git-scm.com/downloads/guis



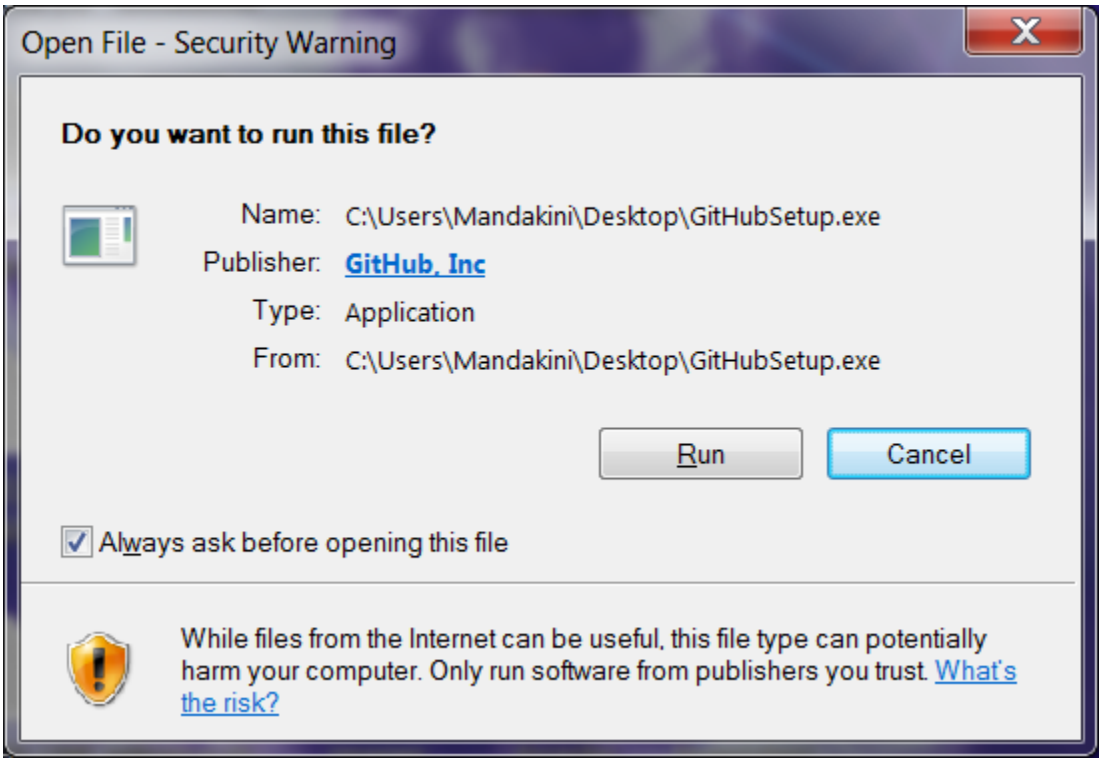
GitHub for Windows:

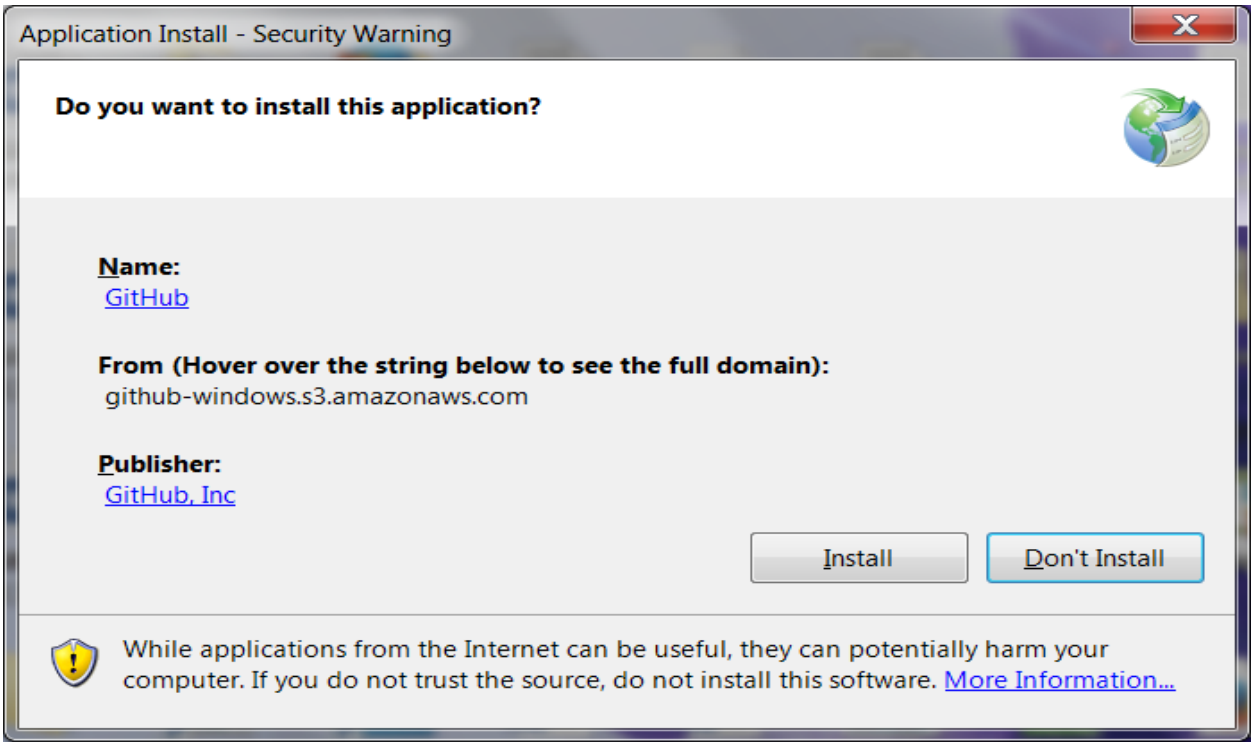


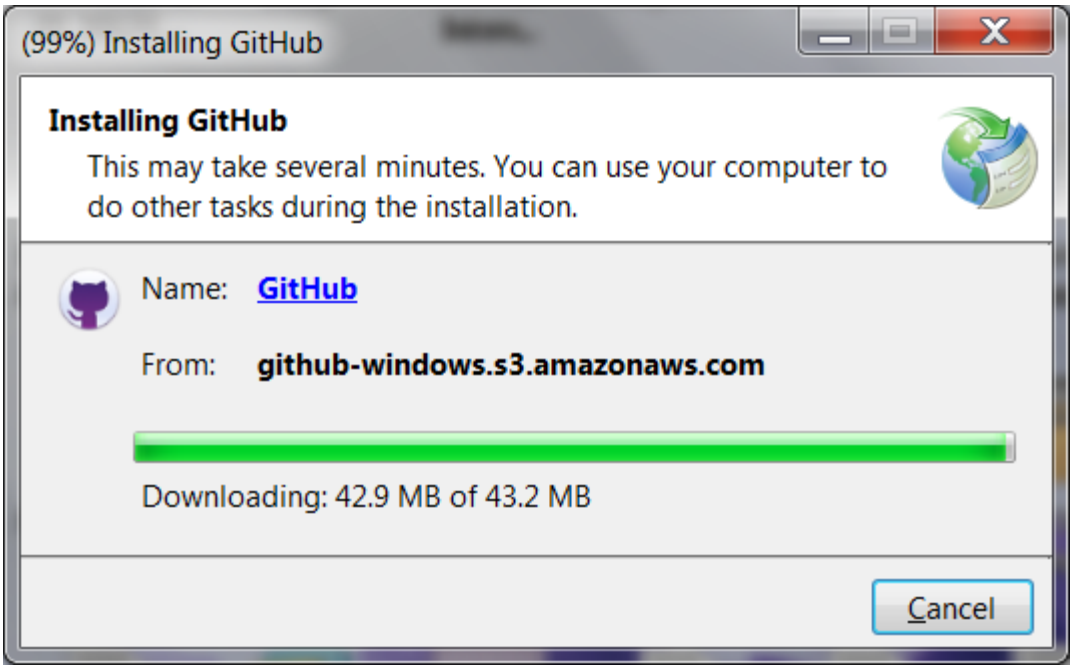
https://windows.github.com/



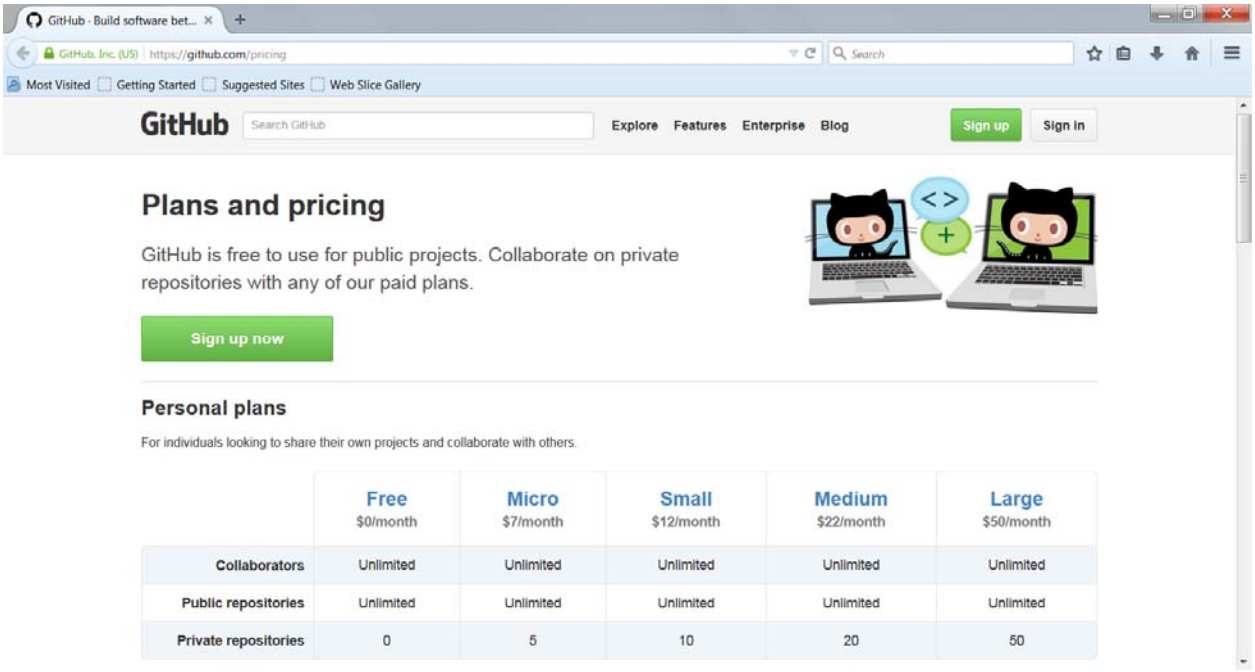
GitHub Setup

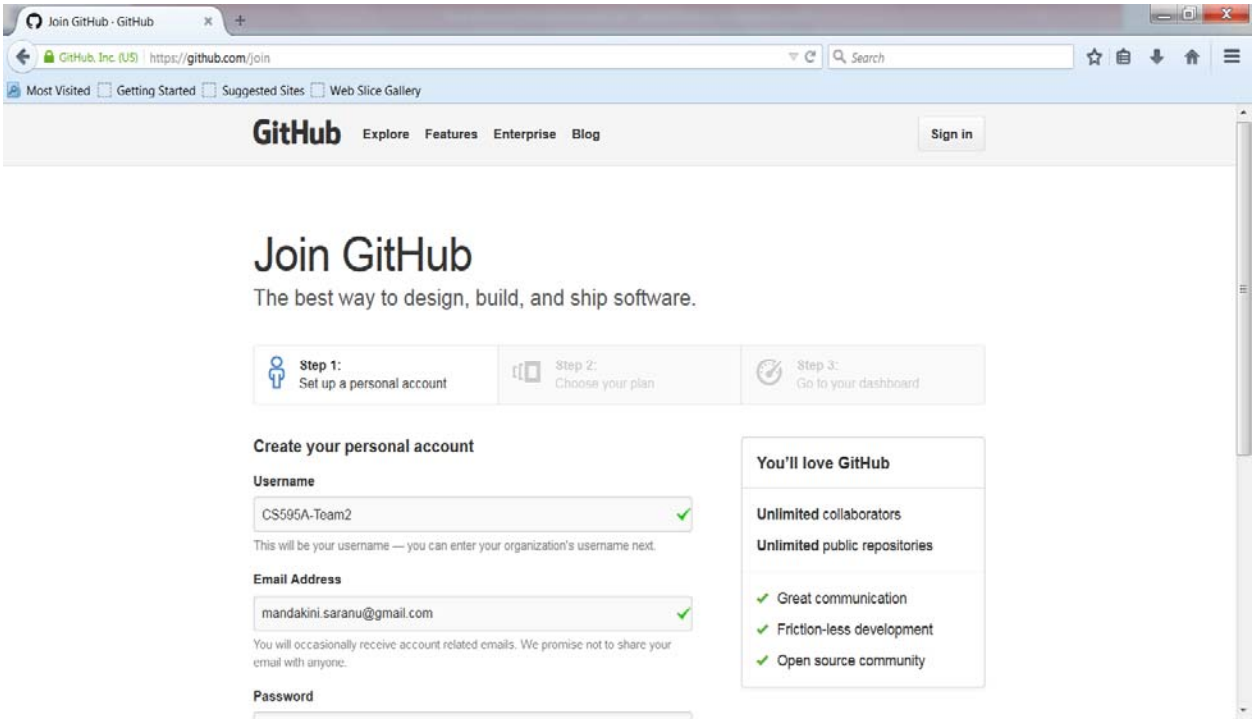






Sign up to GitHub

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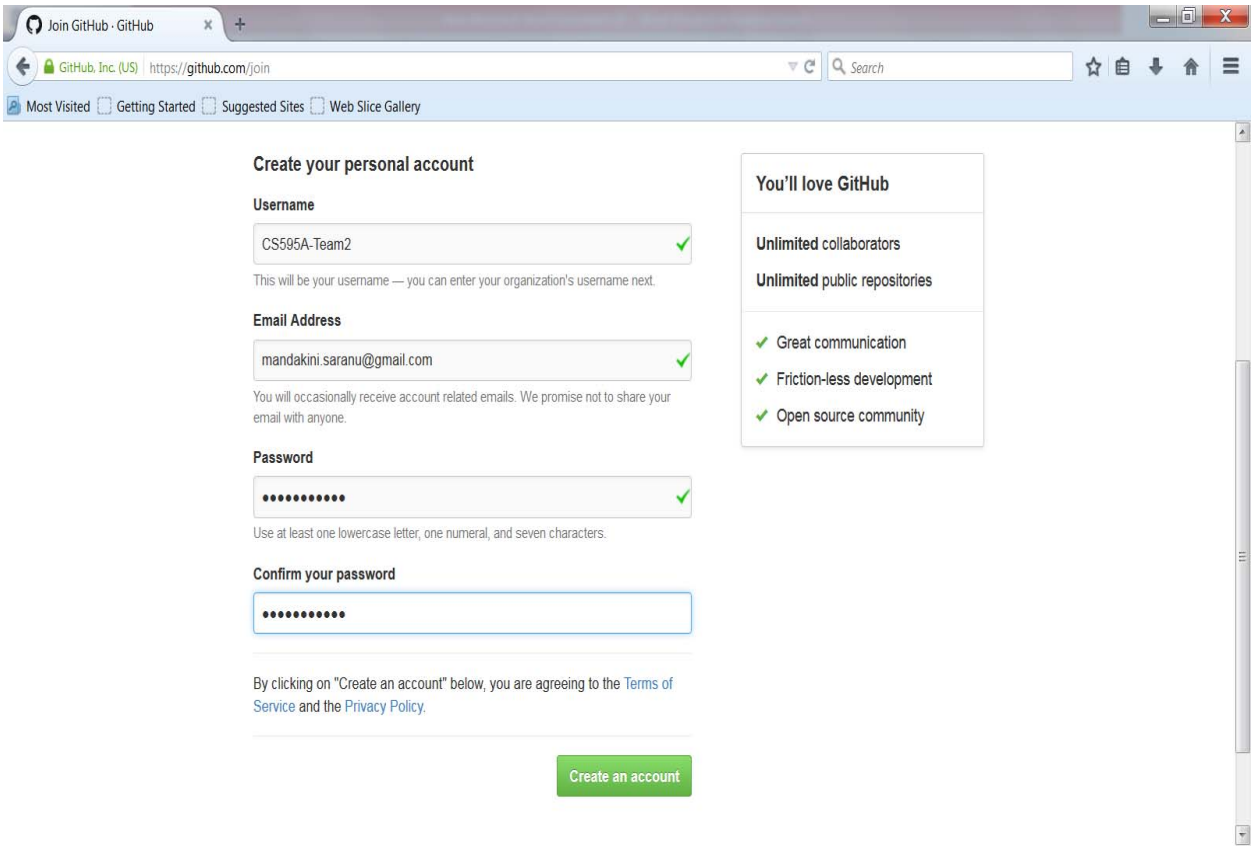
The best way to design, build, and ship software.
Step 1:
Set up a personal account
Step 2:
Choose your plan
Step 3:
Go to your dashboard
Create your personal account
Username
CS595A-Team2
This will be your username — you can enter your organization's username next.
Email Address
mandakini.saranu@gmail.com
You will occasionally receive account related emails. We promise not to share your email with anyone.
Password
You'll love GitHub
Unlimited collaborators
Unlimited public repositories
Great communication
Friction-less development
Open source community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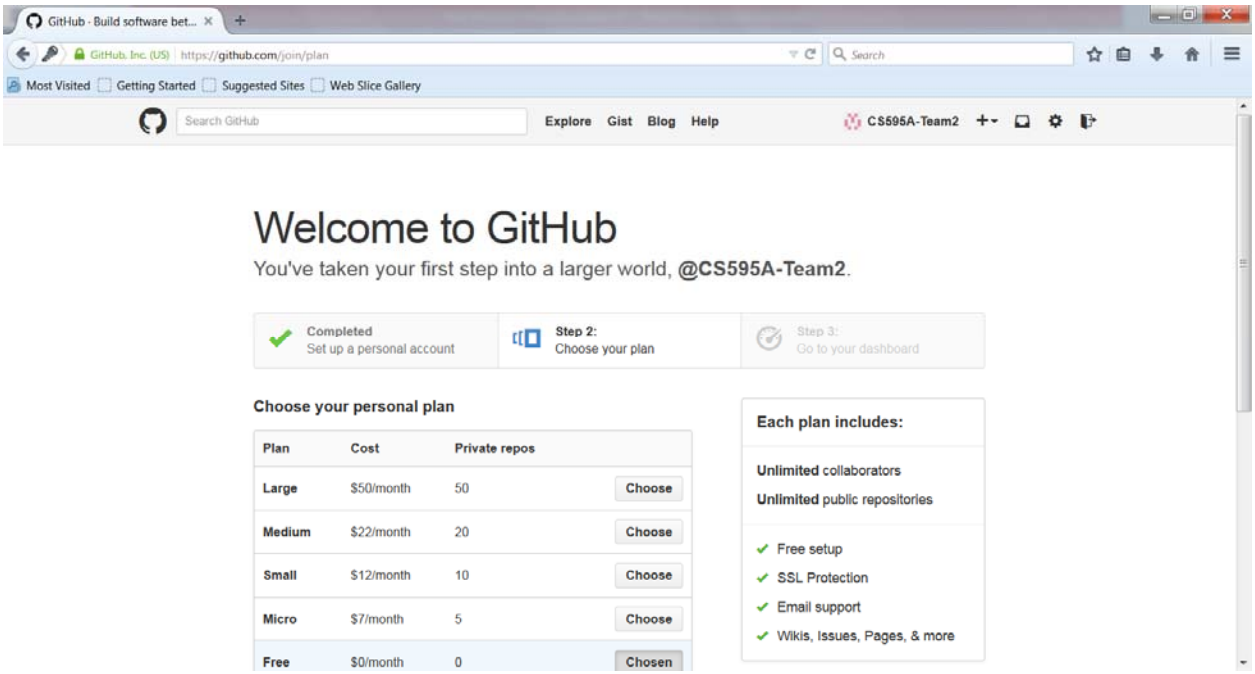
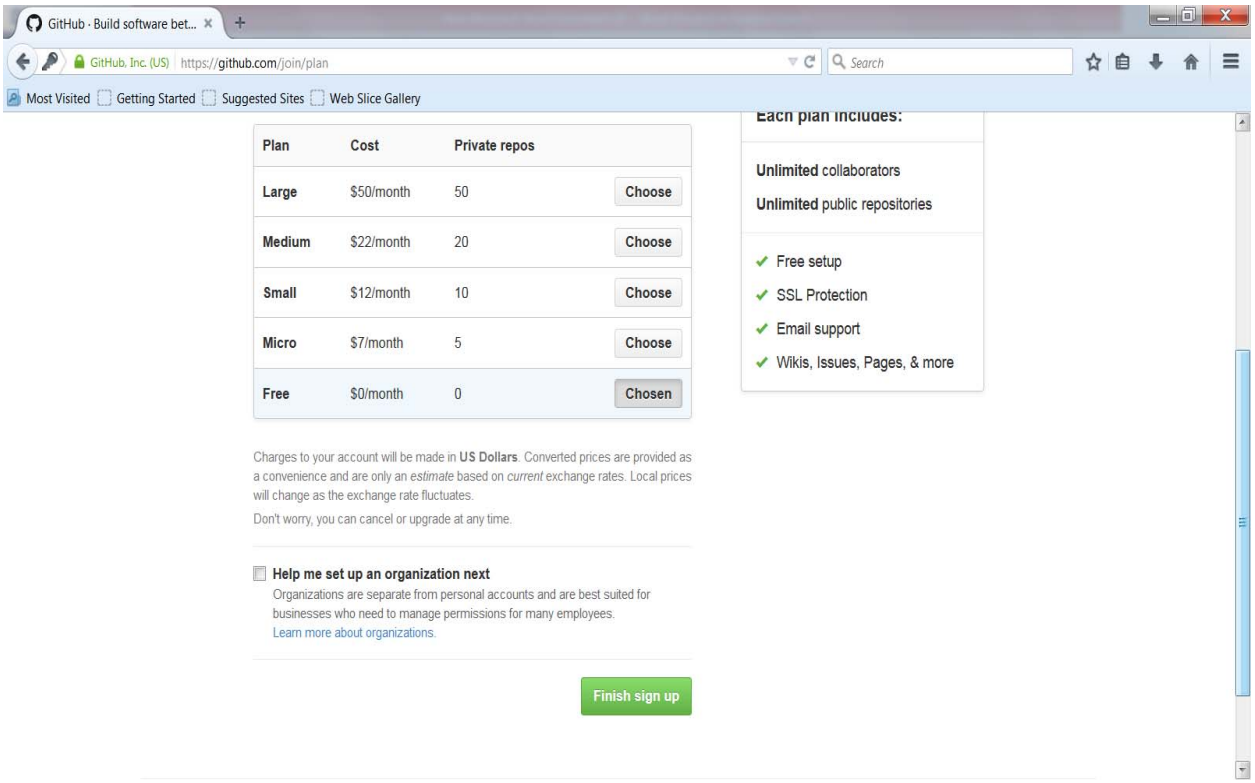
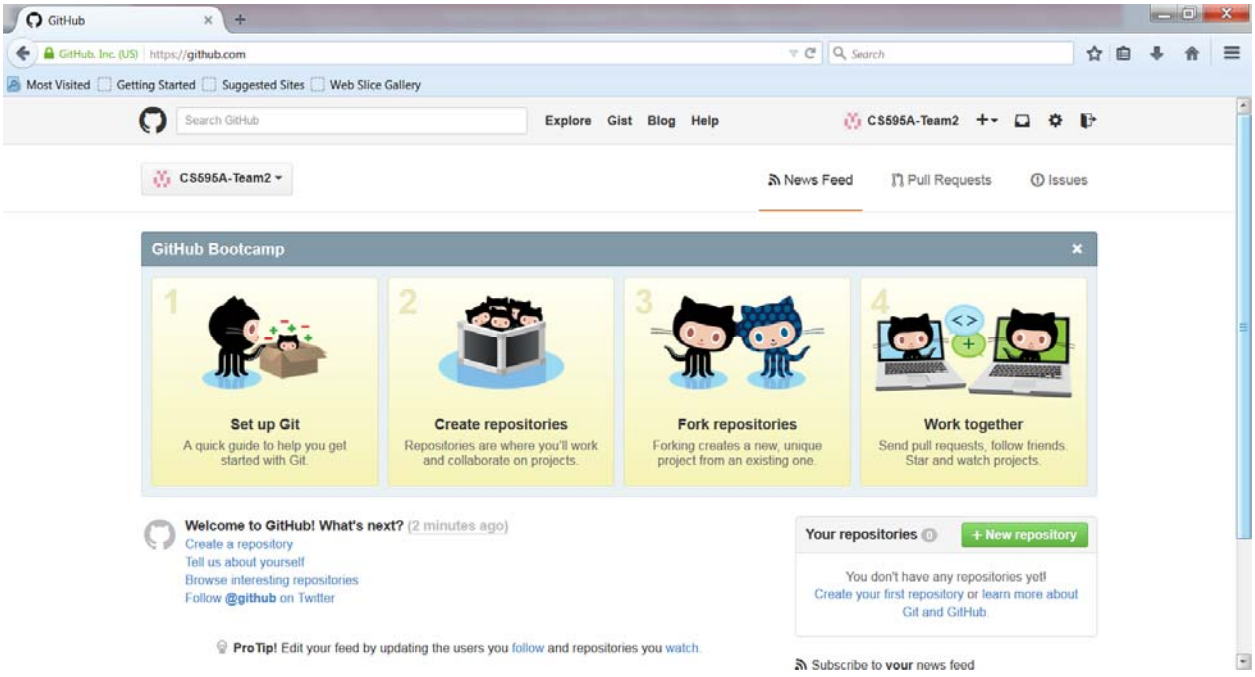
CS595A-Team2
This will be your username — you can enter your organization's username next.
Email Address
mandakini.saranu@gmail.com
You will occasionally receive account related emails. We promise not to share your email with anyone.
Password
Use at least one lowercase letter, one numeral, and seven characters.
Confirm your password
By clicking on "Create an account" below, you are agreeing to the Terms of Service and the Privacy Policy.
Create an account
You'll love GitHub
Unlimited collaborators
Unlimited public repositories
Great communication
Friction-less development
Open source community

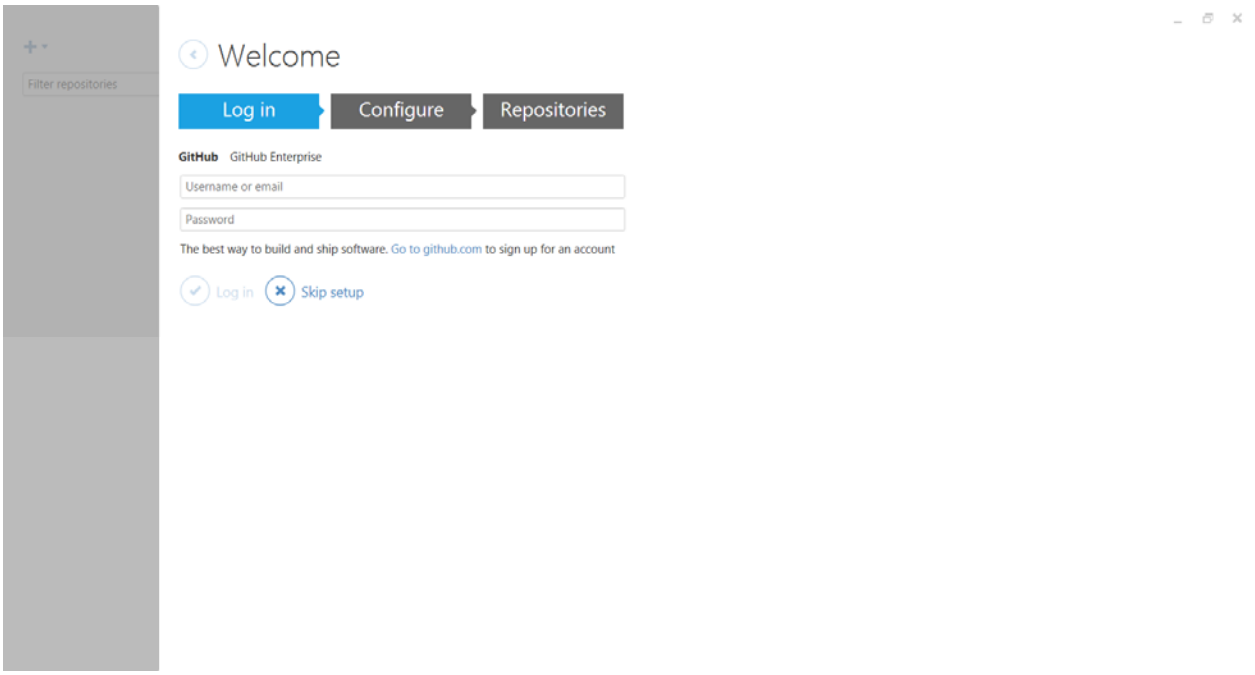
GitHub offers both paid plans for private repositories and free accounts, which are usually used to host open-source software projects. As of 2014, GitHub reports having over 3.4 million users and with 16.7 million repositories making it the largest code host in the world.

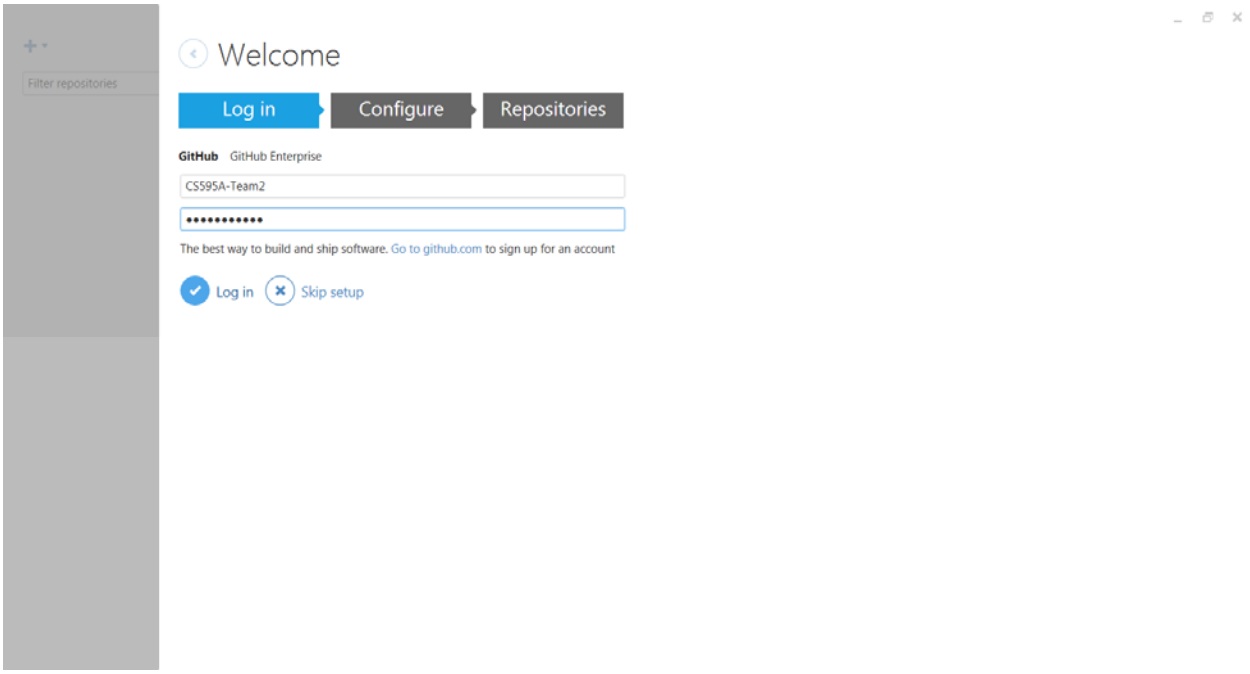




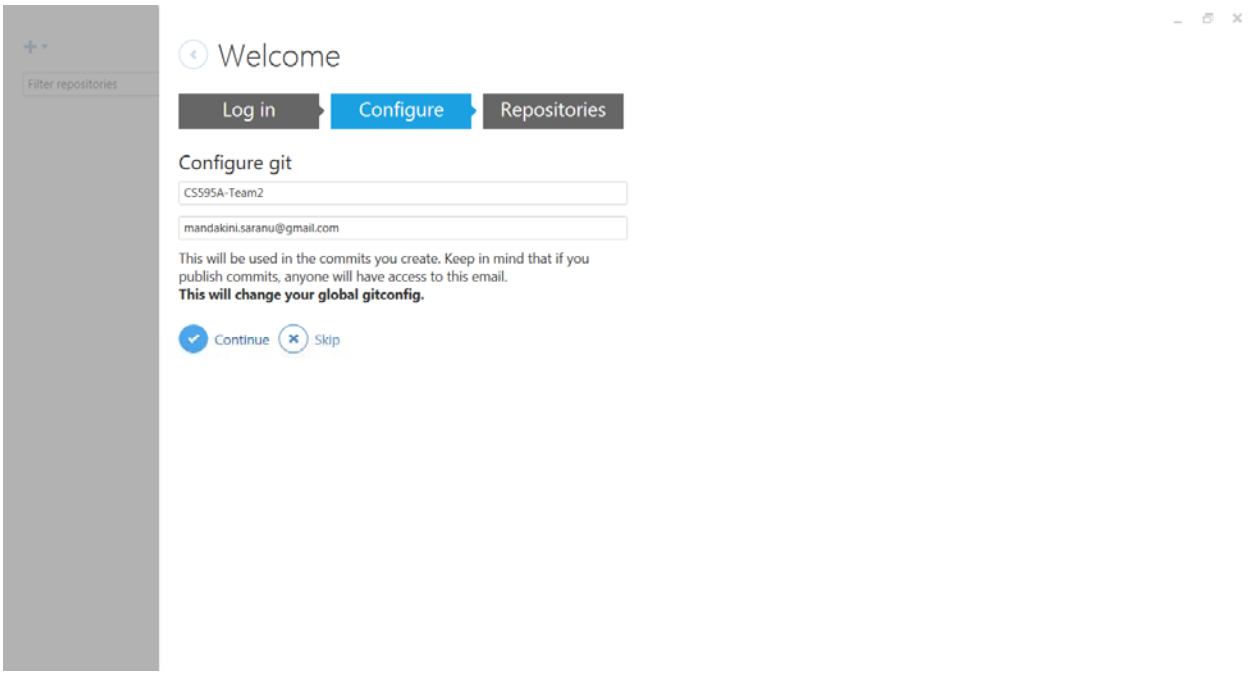


GitHub Log in

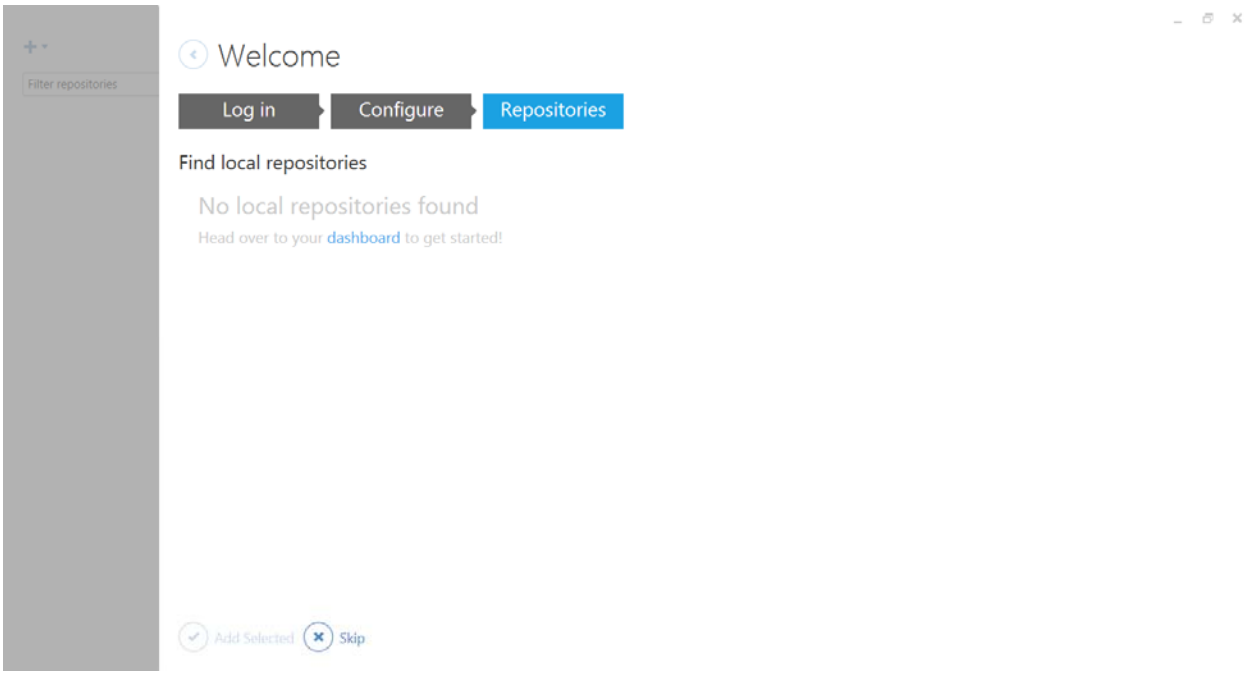


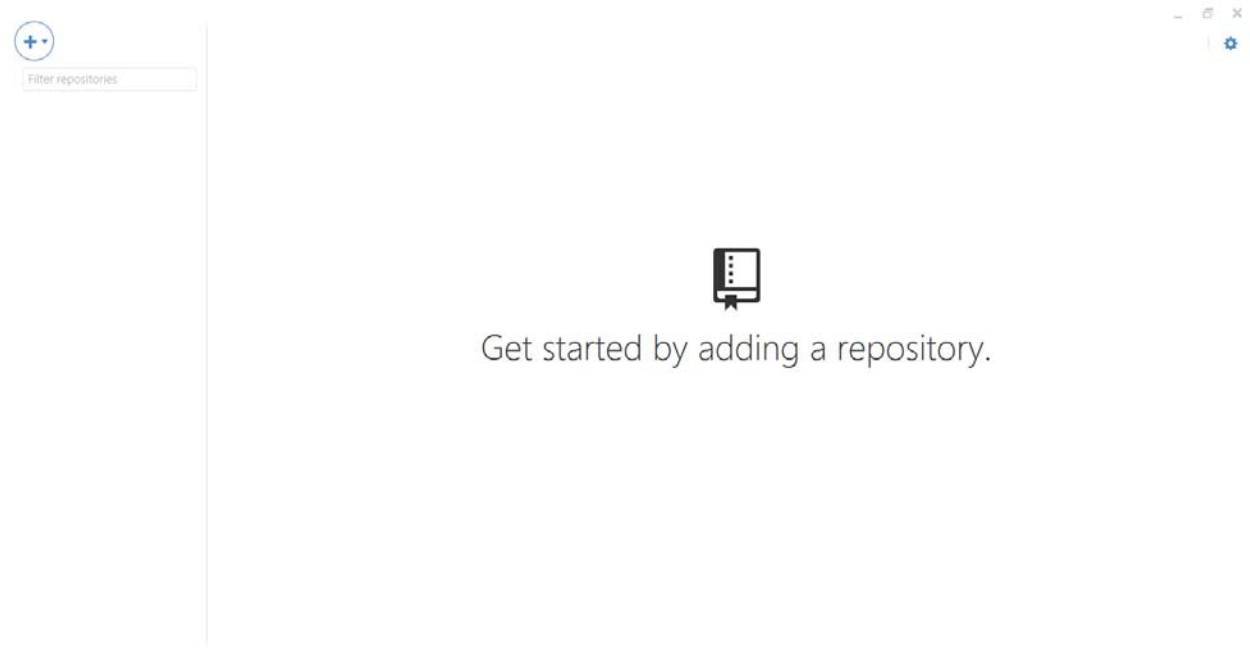


Configuring Git



How to create Repositories and clone projects in to repositories?

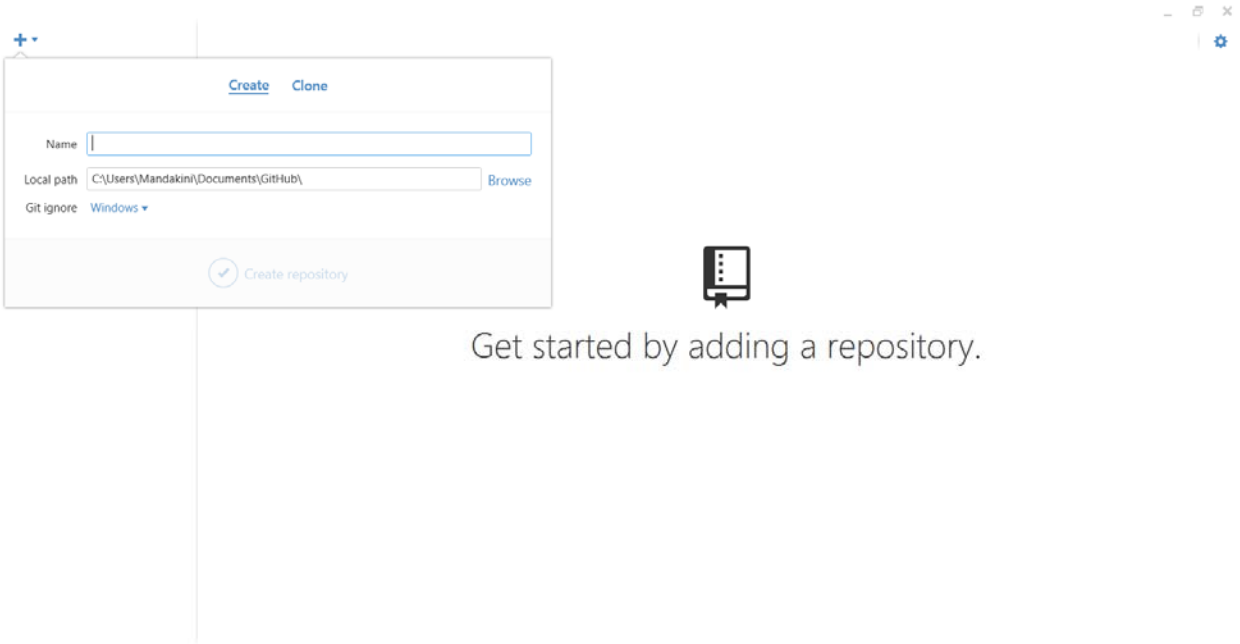


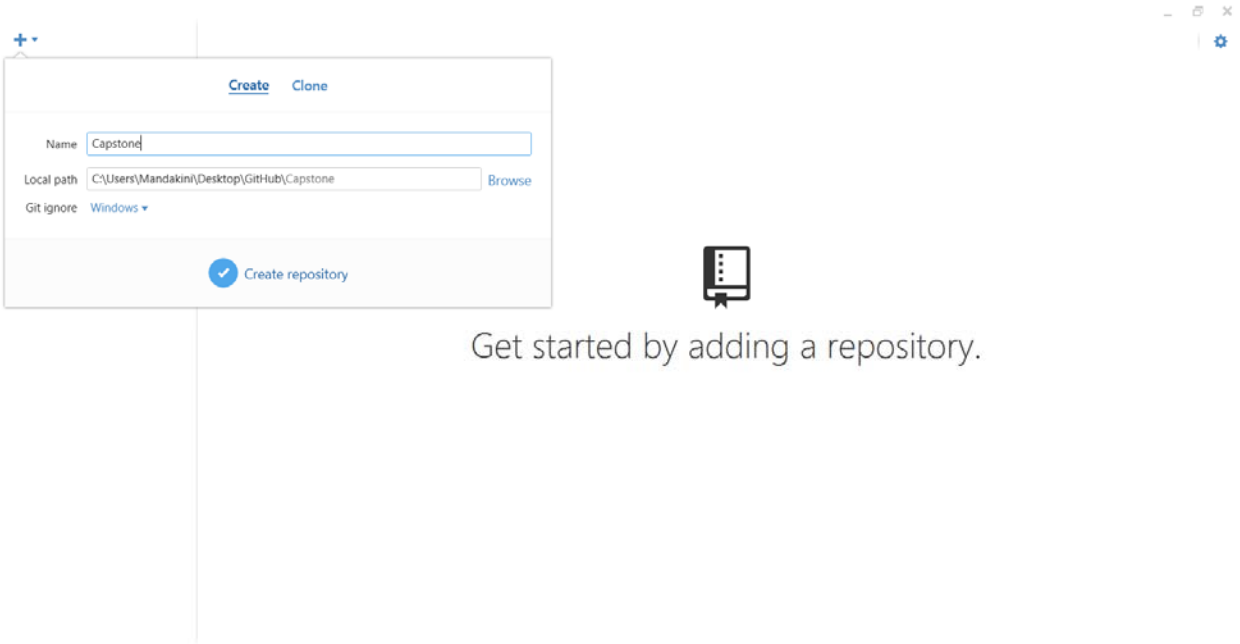


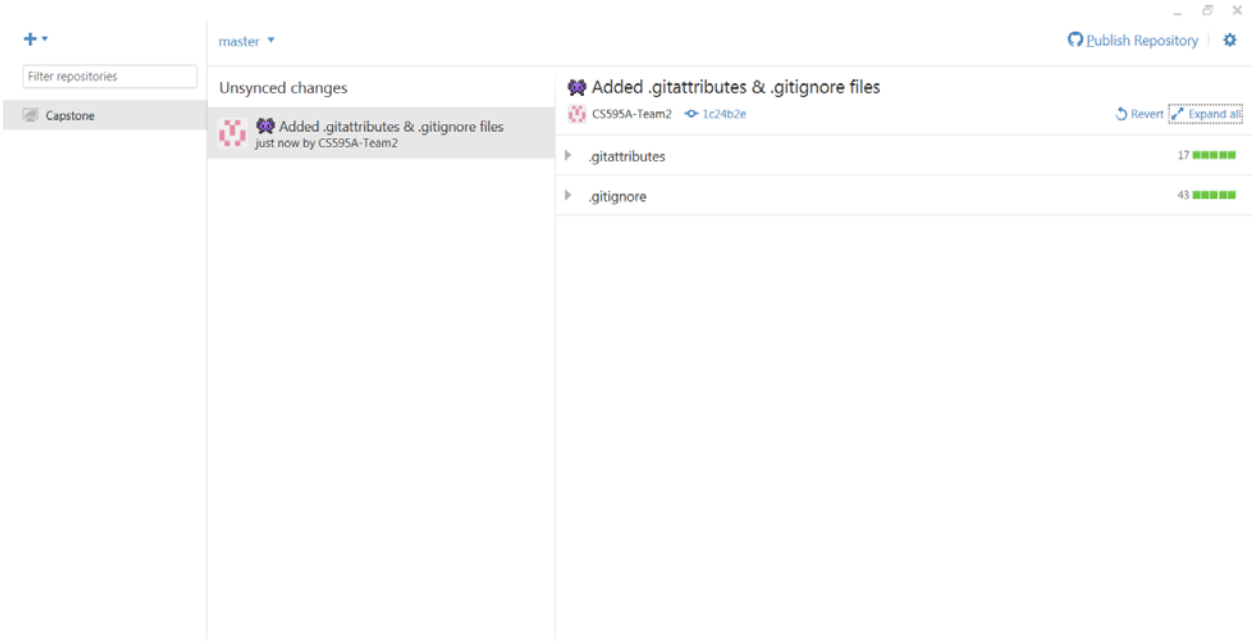
Two important functionalities under Repositories in Git are:

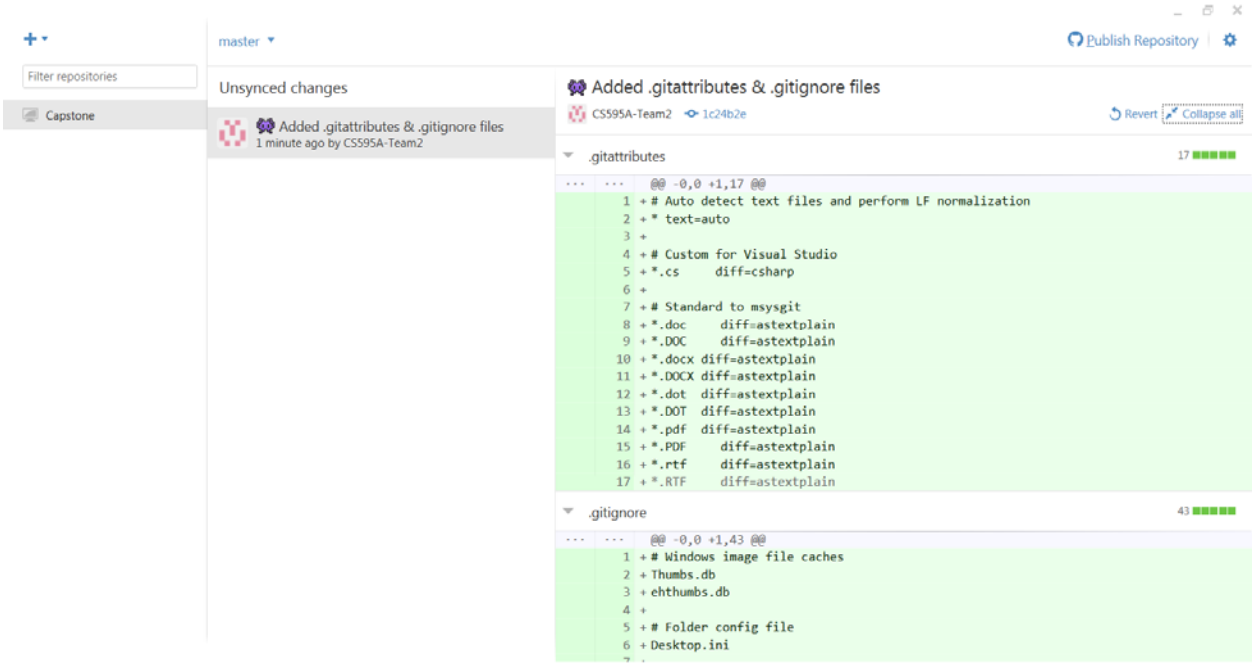
- Create
- Clone

How to Create a Repository under Git?

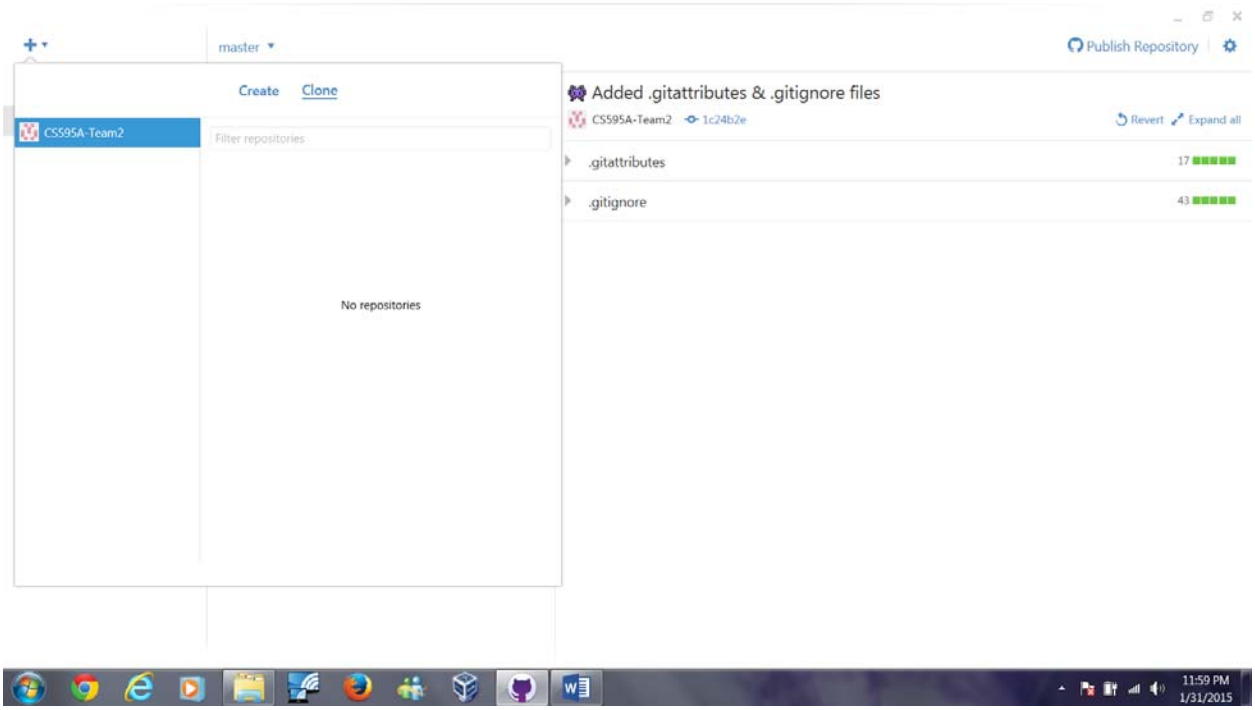




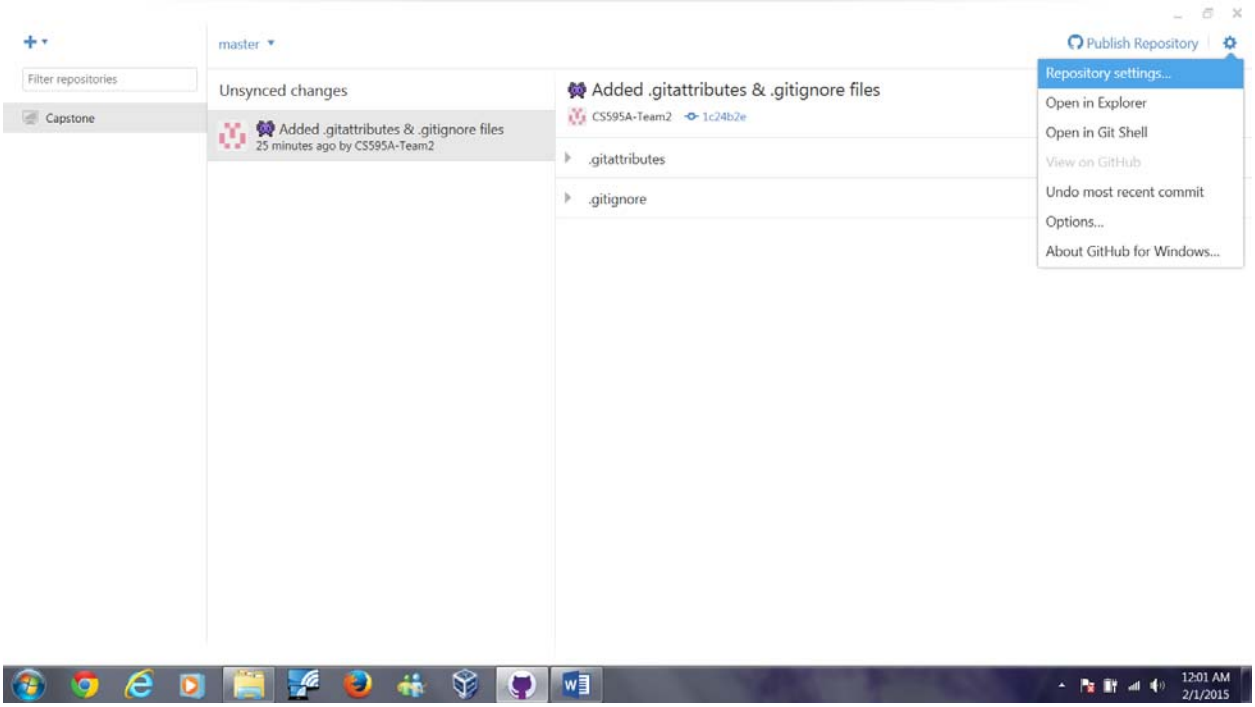

master
Publish Repository
Filter repositories
Capstone
Unsynced changes
Added .gitattributes & .gitignore files
just now by CS595A-Team2
Added .gitattributes & .gitignore files
CS595A-Team2
1c24b2e
Revert
Expand all
.gitattributes
17
.gitignore
43

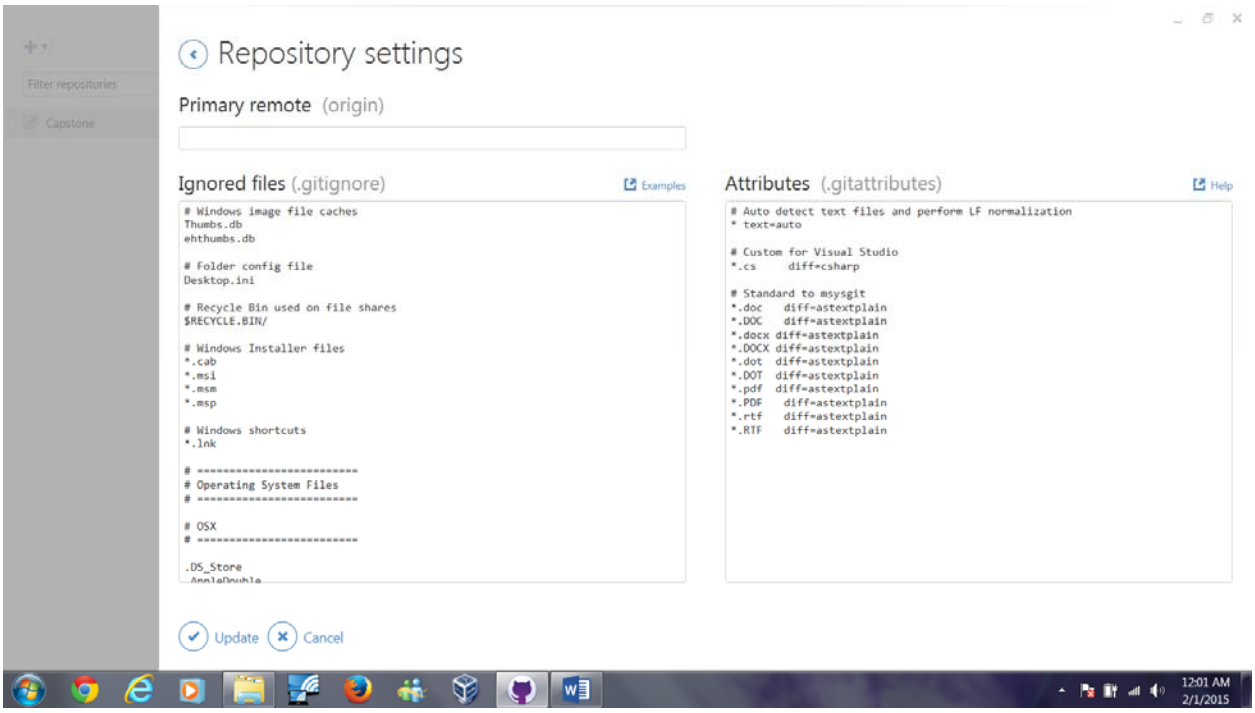

master
Publish Repository
Filter repositories
Capstone
Unsynced changes
Added .gitattributes & .gitignore files
1 minute ago by CS595A-Team2
Added .gitattributes & .gitignore files
CS595A-Team2
1c24b2e
Revert
Collapse all
.gitattributes
17
@@ -0,0 +1,17 @@
+ # Auto detect text files and perform LF normalization
+ * text=auto
+
+ # Custom for Visual Studio
+ *.cs diff=csharp
+
+ # Standard to msysgit
+ *.doc diff=astextplain
+ *.DOC diff=astextplain
+ *.docx diff=astextplain
+ *.DOCX diff=astextplain
+ *.dot diff=astextplain
+ *.DOT diff=astextplain
+ *.pdf diff=astextplain
+ *.PDF diff=astextplain
+ *.rtf diff=astextplain
+ *.RTF diff=astextplain
.gitignore
43
@@ -0,0 +1,43 @@
+ # Windows image file caches
+ Thumbs.db
+ ehthumbs.db
+
+ # Folder config file
+ Desktop.ini

How to Clone Projects to a Repository under Git?

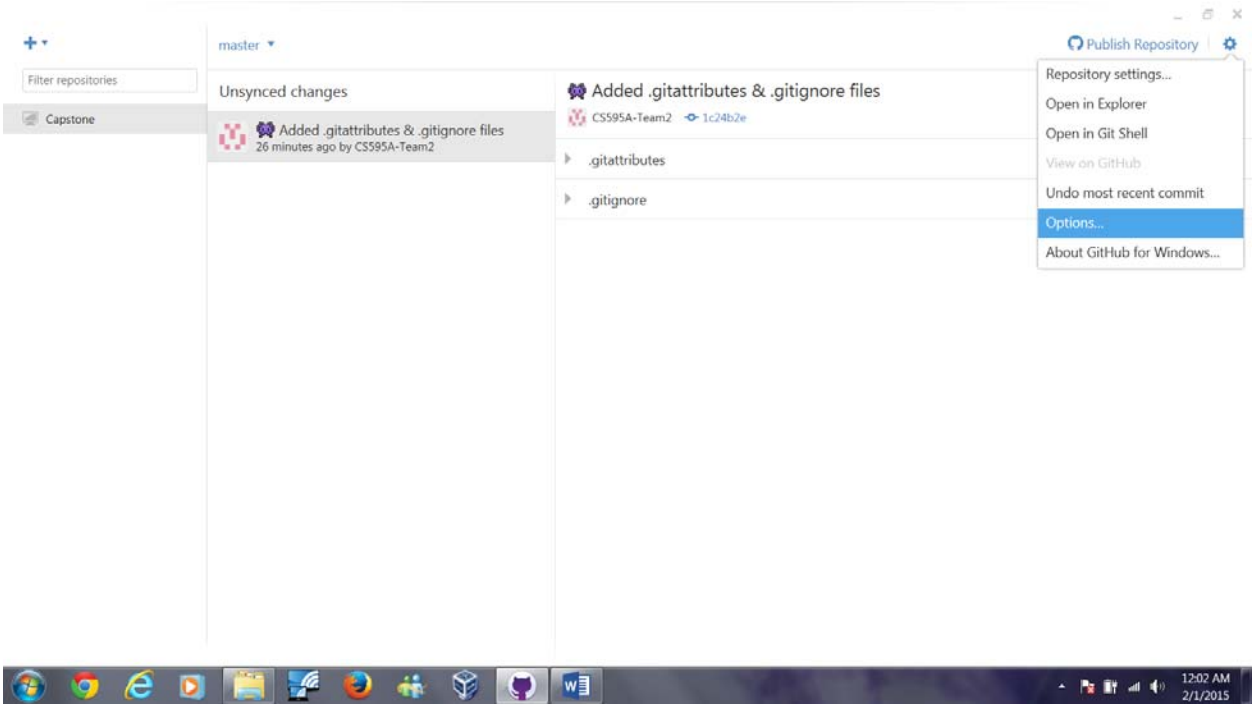


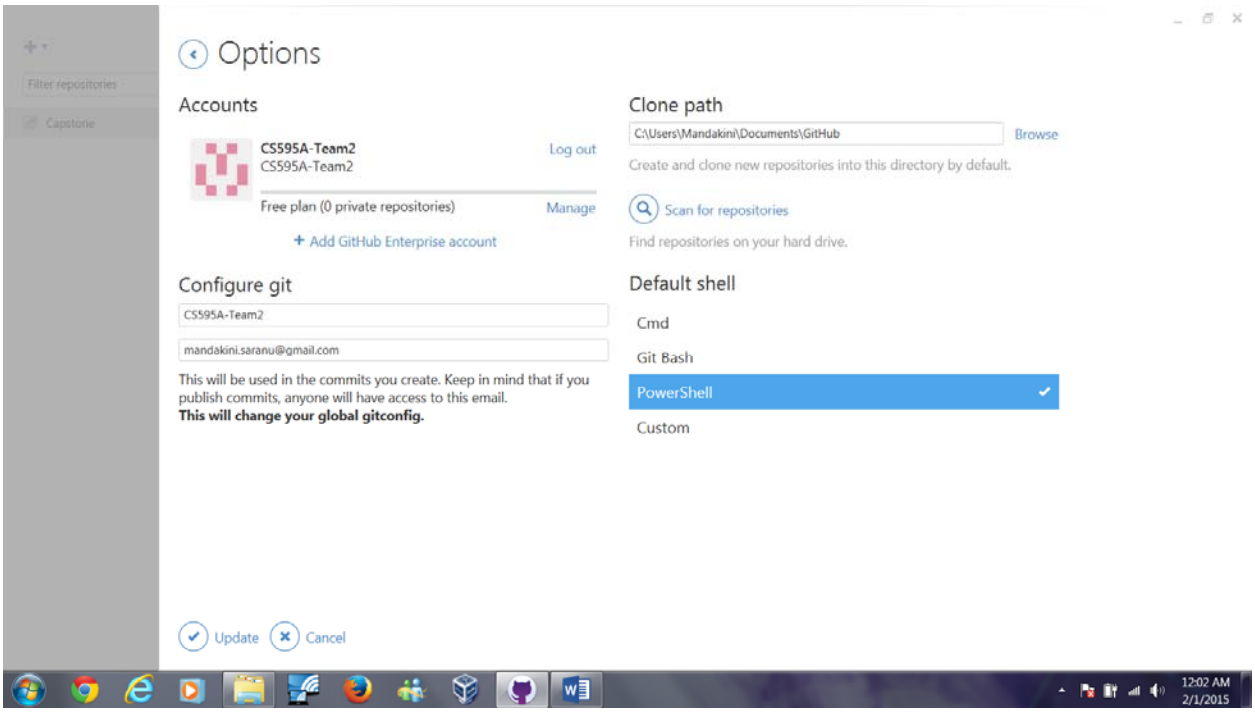
Repository Settings under Git



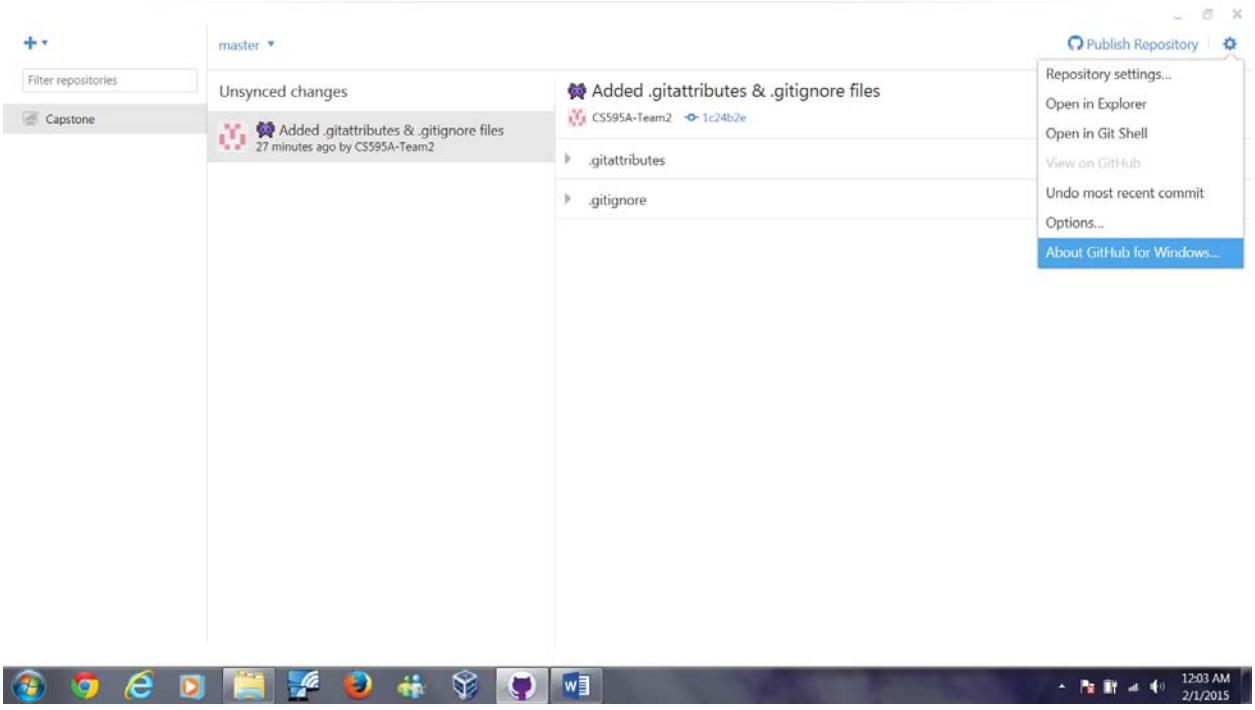


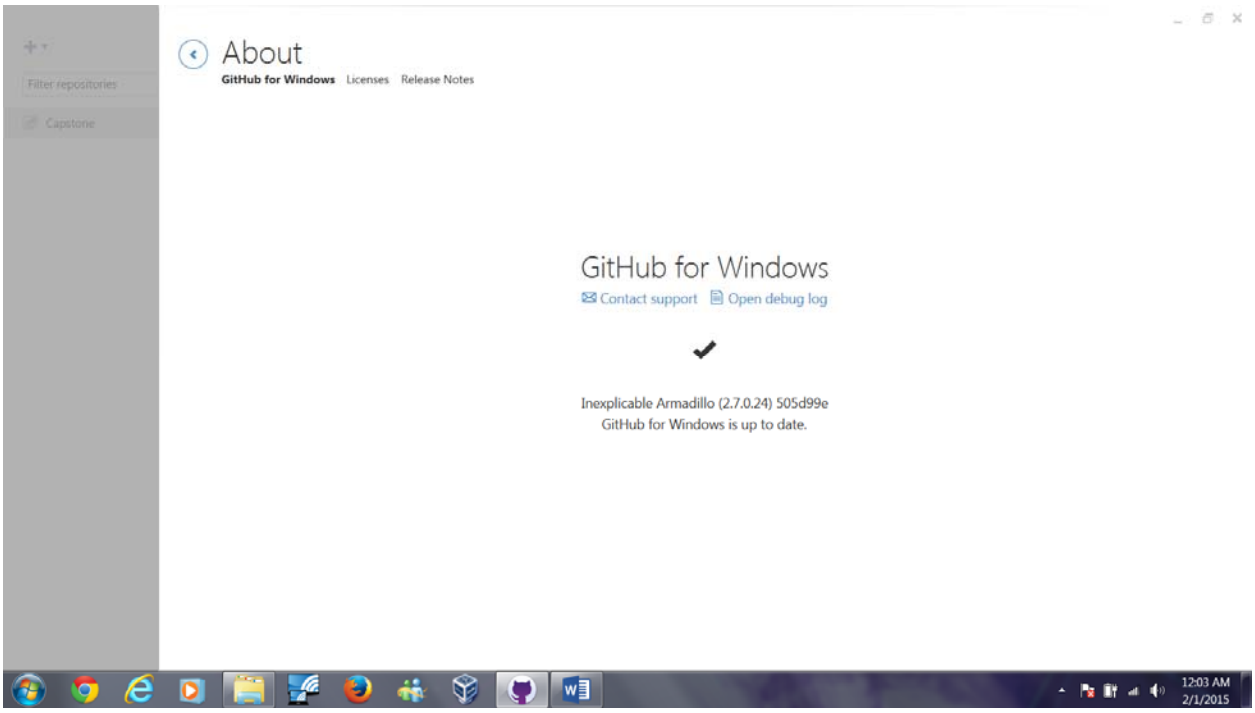
Options available under Git





Information on GitHub for windows

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GitHub for Windows is up to date.
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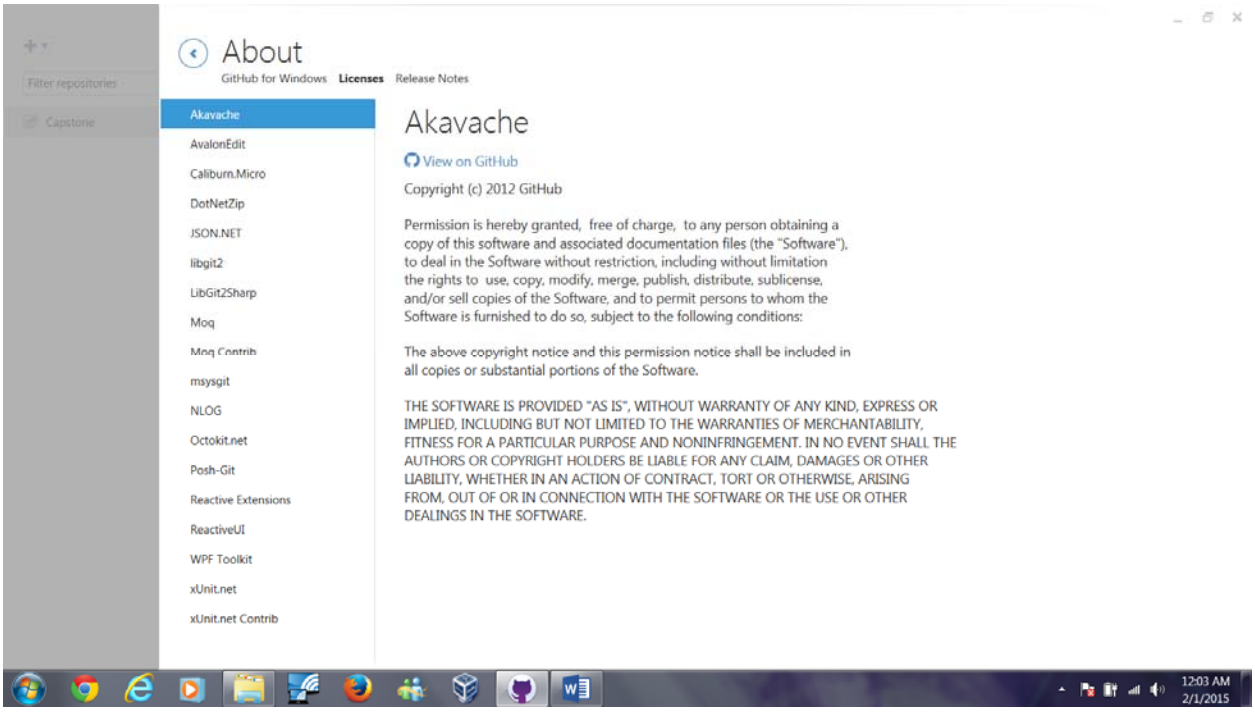
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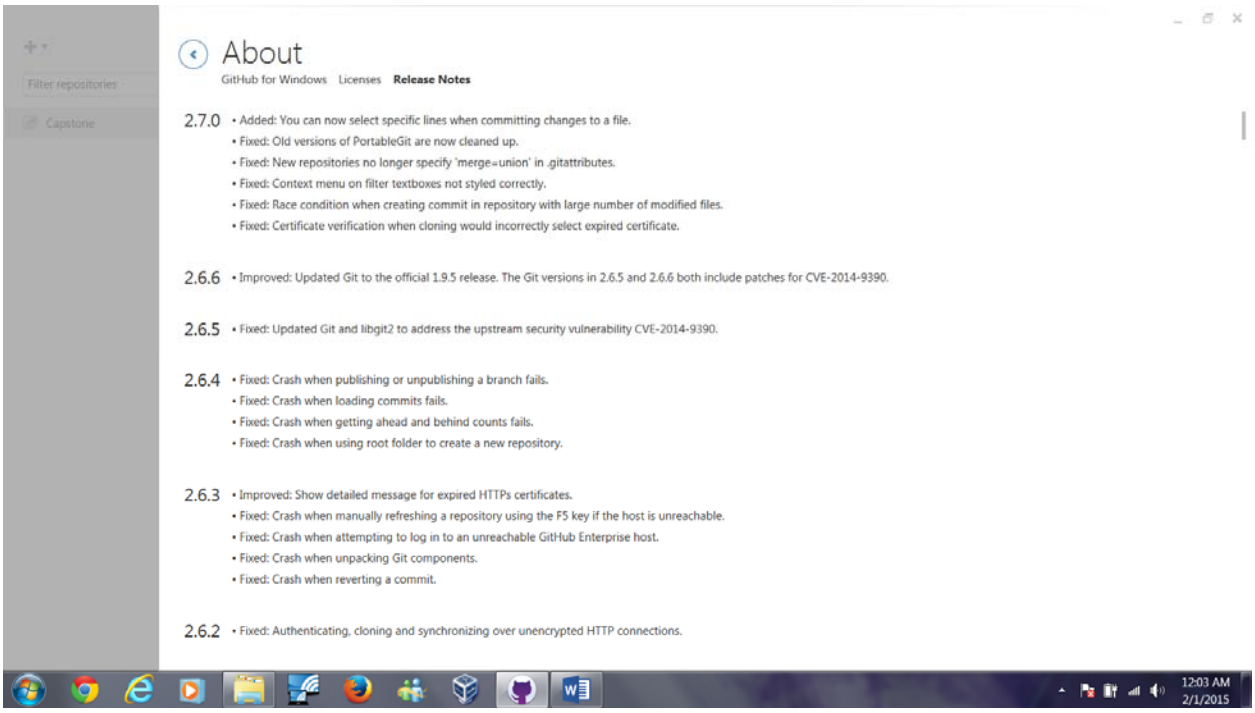
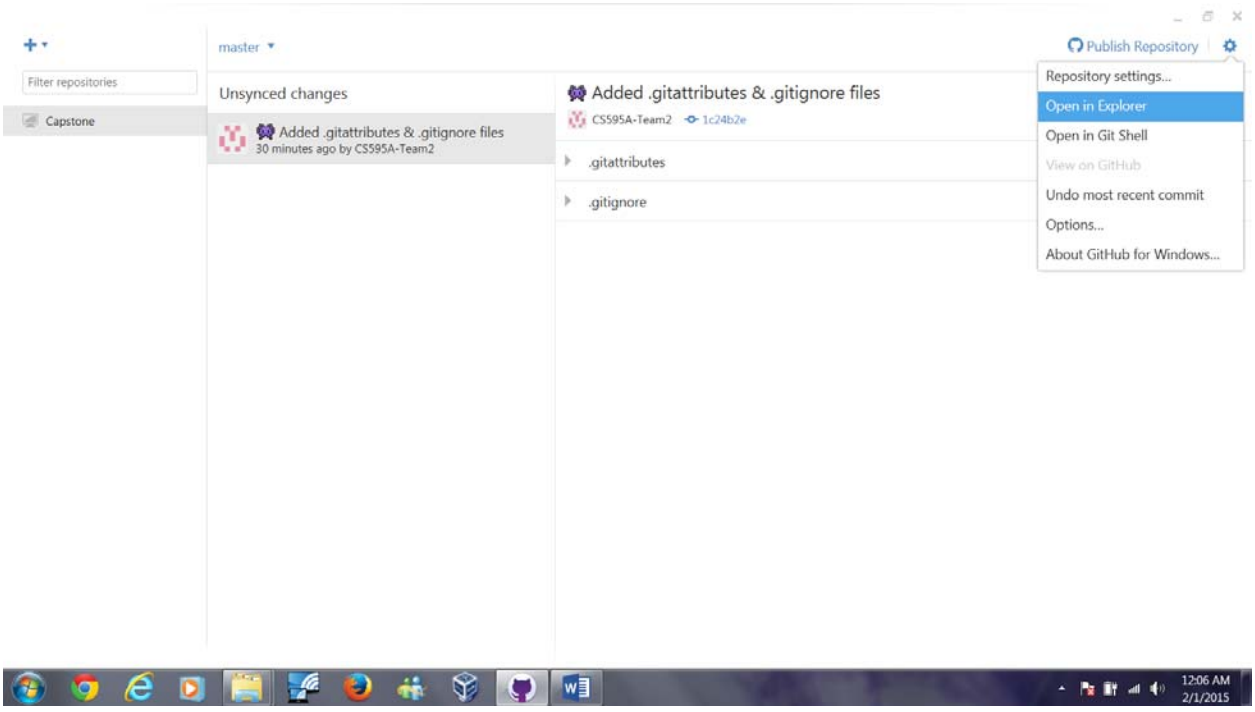
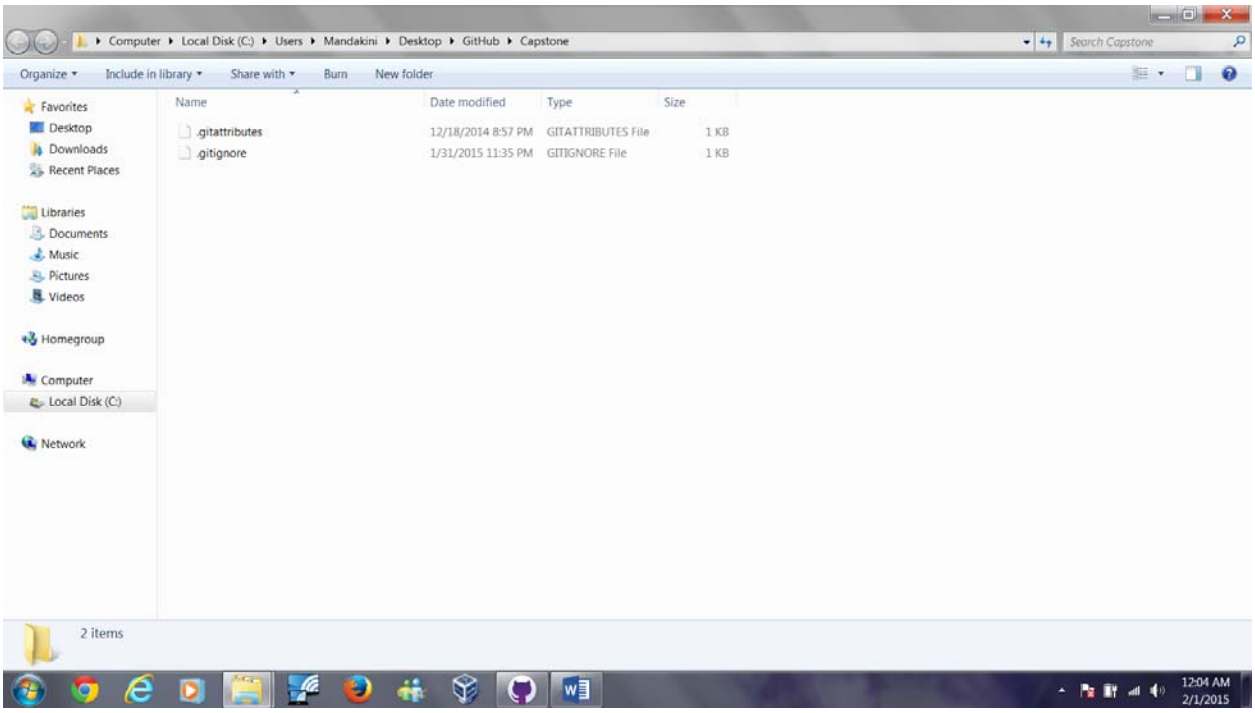
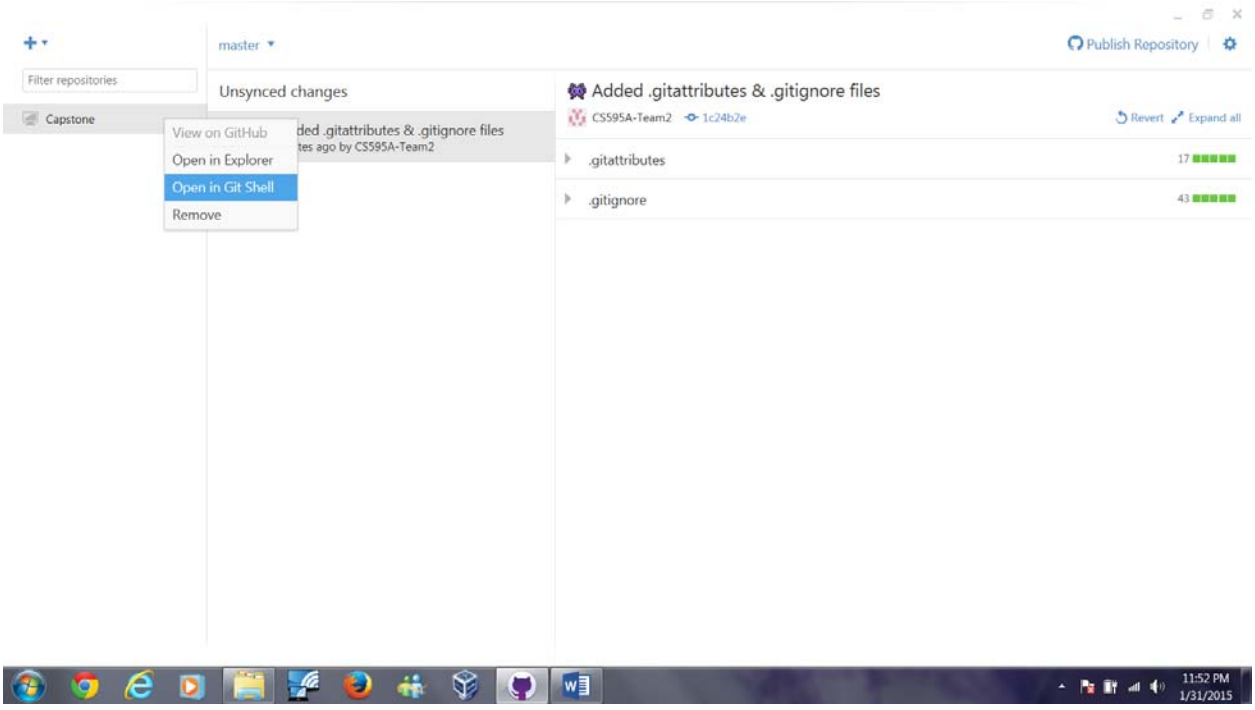


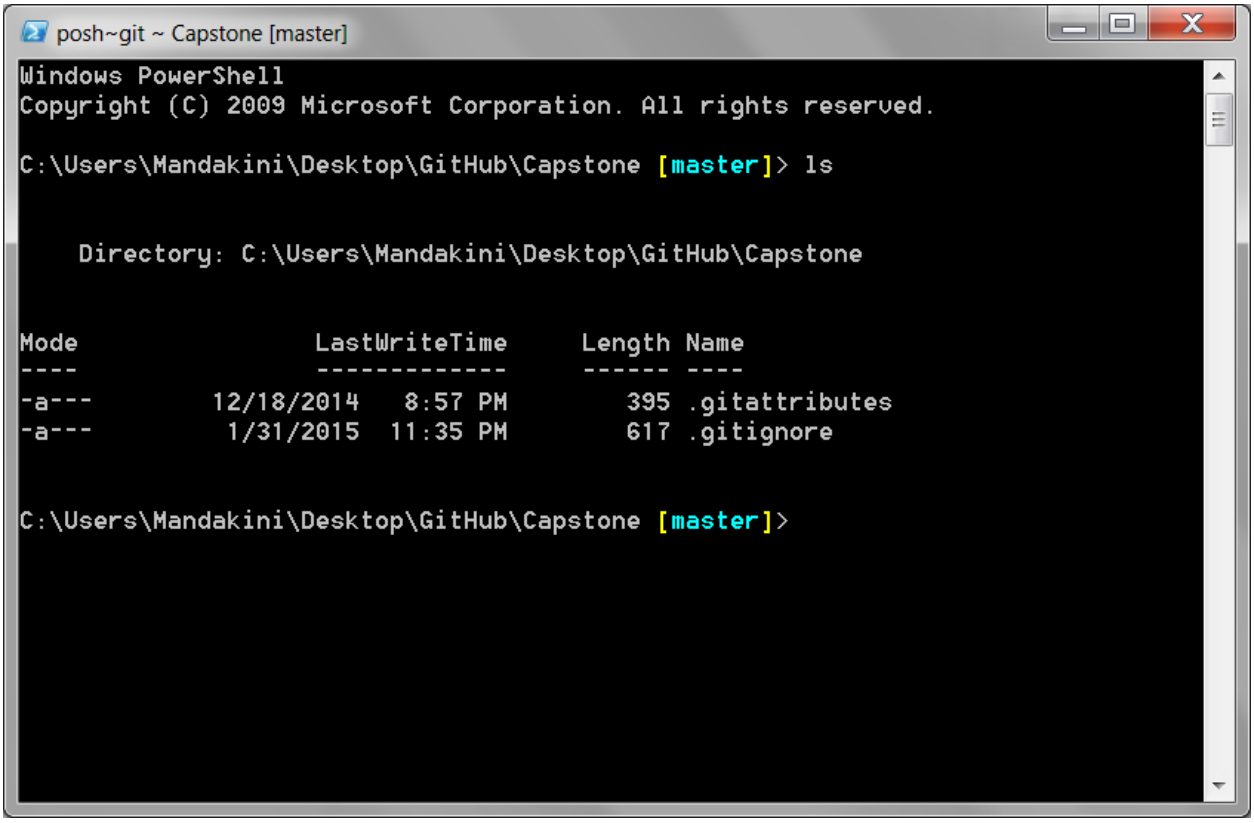
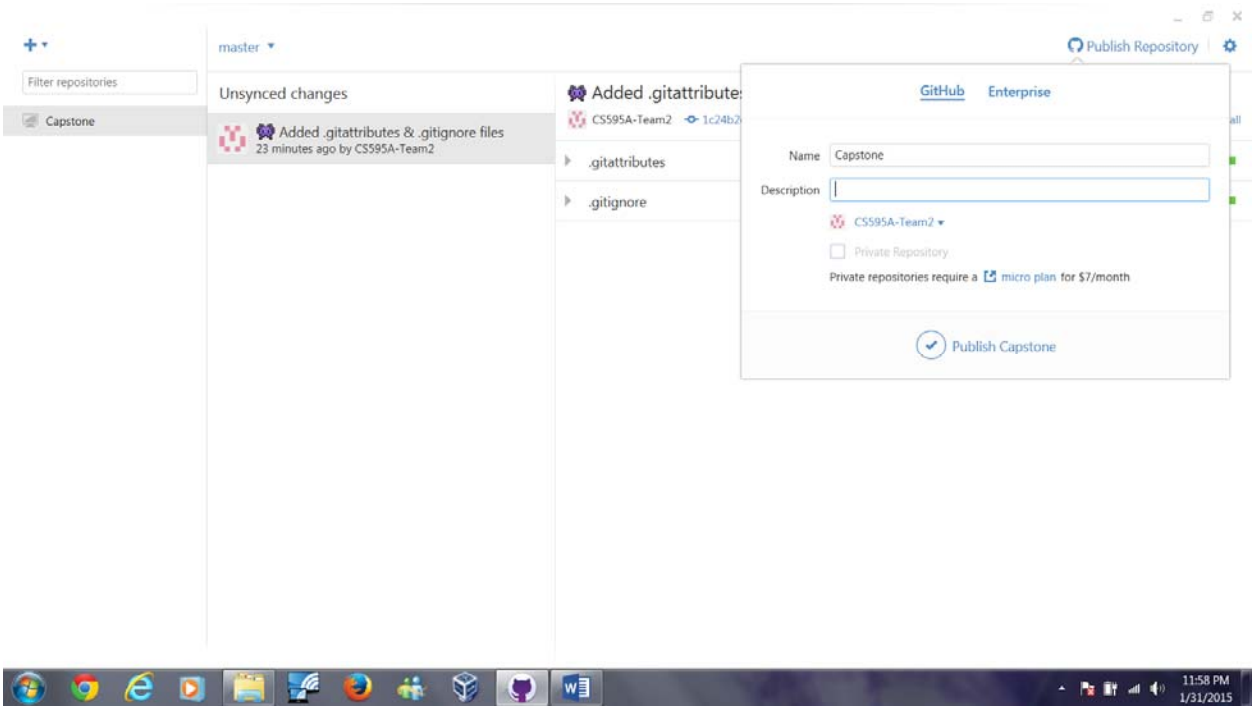
How to open repositories in Windows Explorer?





How to open repositories in Git Shell?





How to publish a repository?