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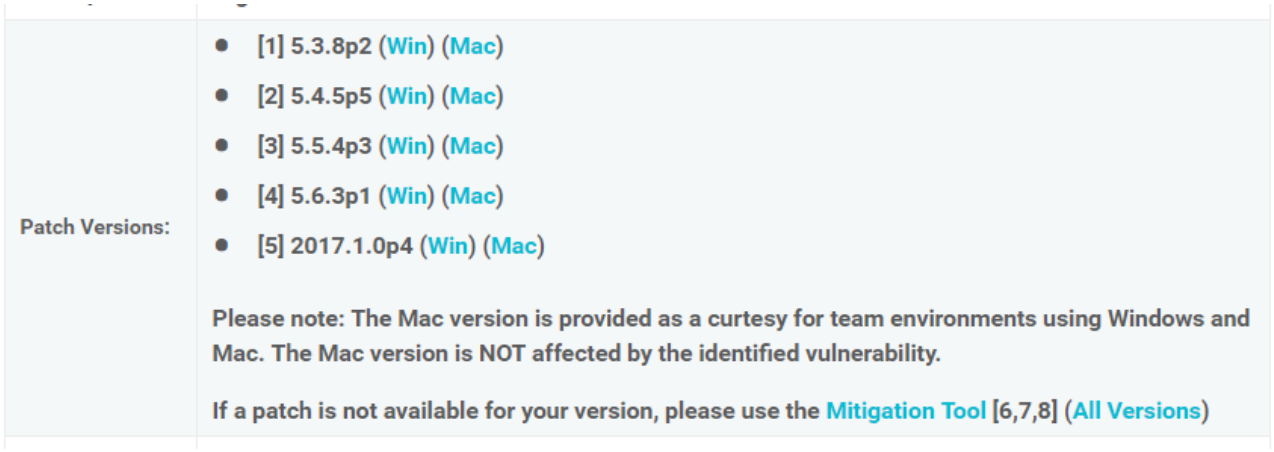
Program Prerequisite Software

- Apply Security Updates and Patches
- Create a GitHub Account
- Create Unity Account and Install Software
- Installing GitHub Desktop Application
- Unity Install Notes
- Visual Studio Community Edition Install Notes

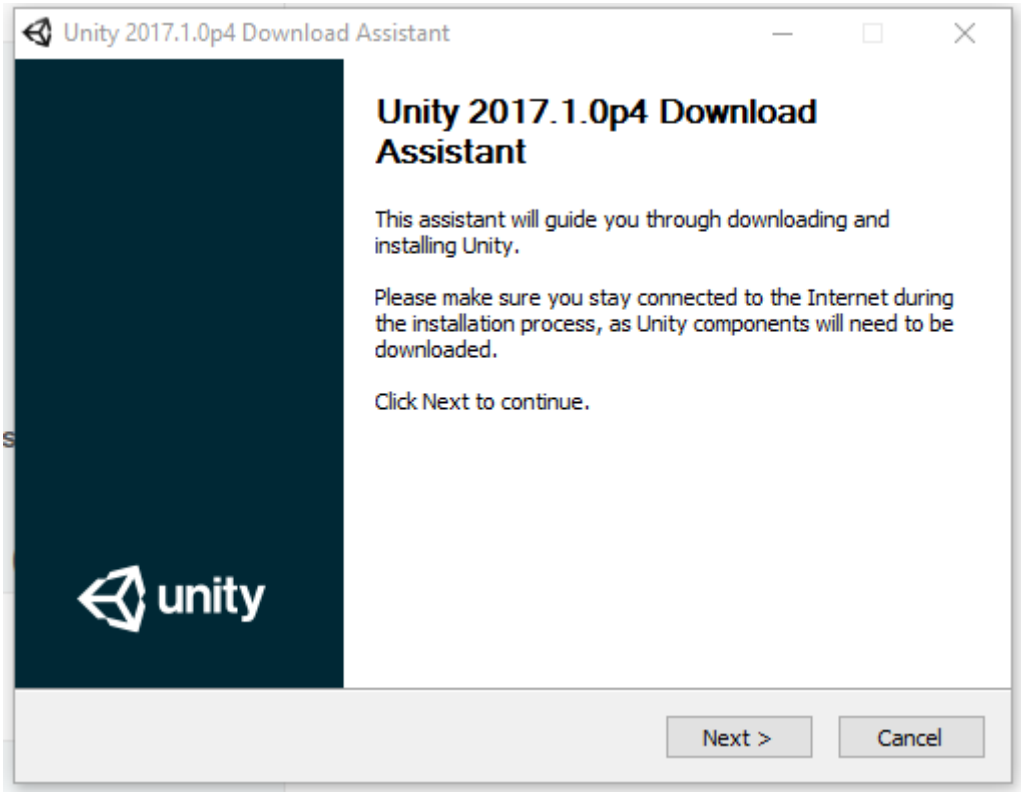
Apply Security Updates and Patches

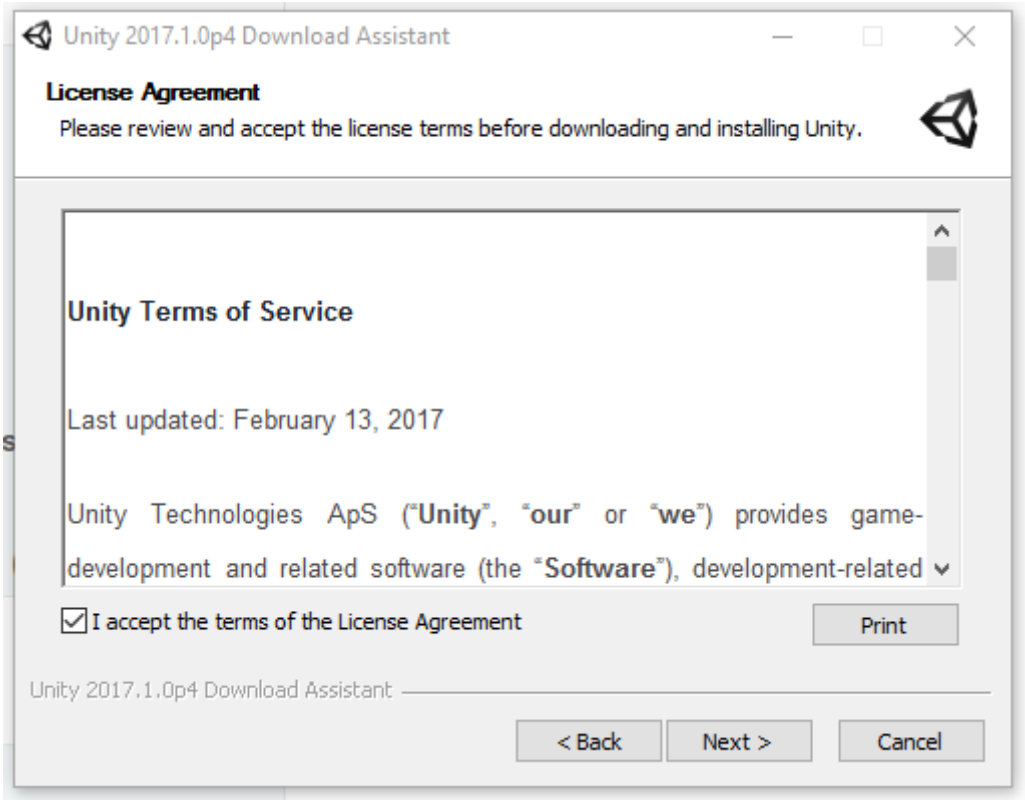
1. Go to - https://unity3d.com/security#issues
2. Find the download for your version of Unity, download and run it.

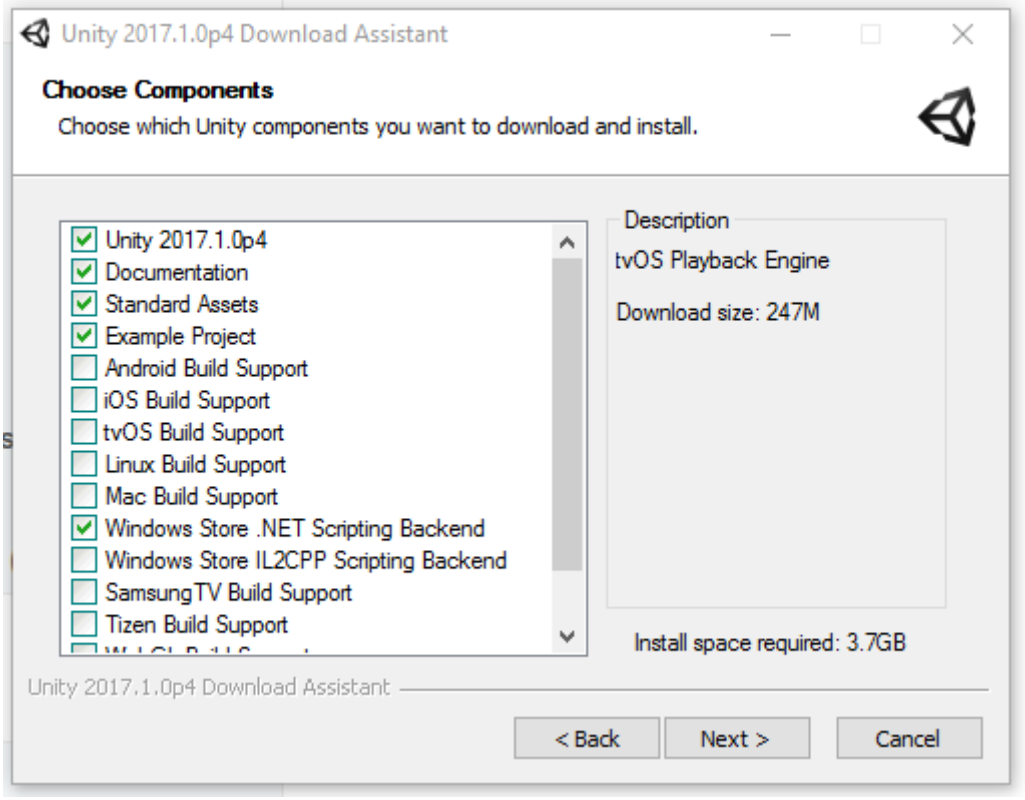


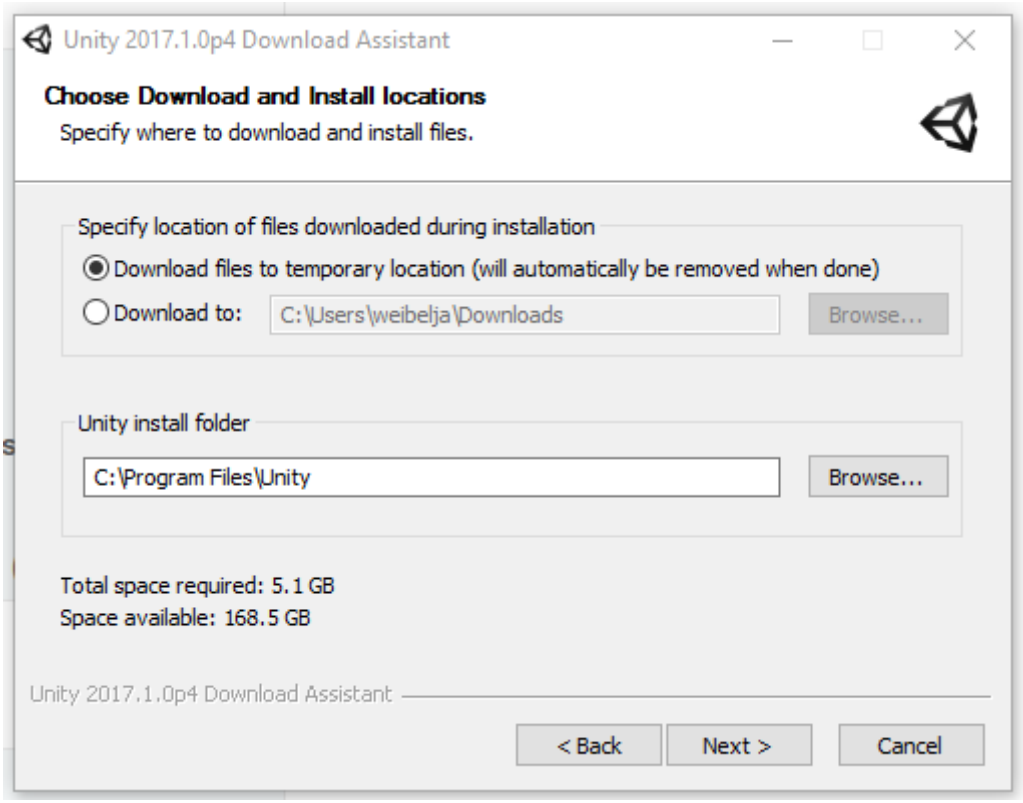
Patch Versions:	• [1] 5.3.8p2 (Win) (Mac) • [2] 5.4.5p5 (Win) (Mac) • [3] 5.5.4p3 (Win) (Mac) • [4] 5.6.3p1 (Win) (Mac) • [5] 2017.1.0p4 (Win) (Mac) Please note: The Mac version is provided as a curtesy for team environments using Windows and Mac. The Mac version is NOT affected by the identified vulnerability. If a patch is not available for your version, please use the Mitigation Tool [6,7,8] (All Versions)

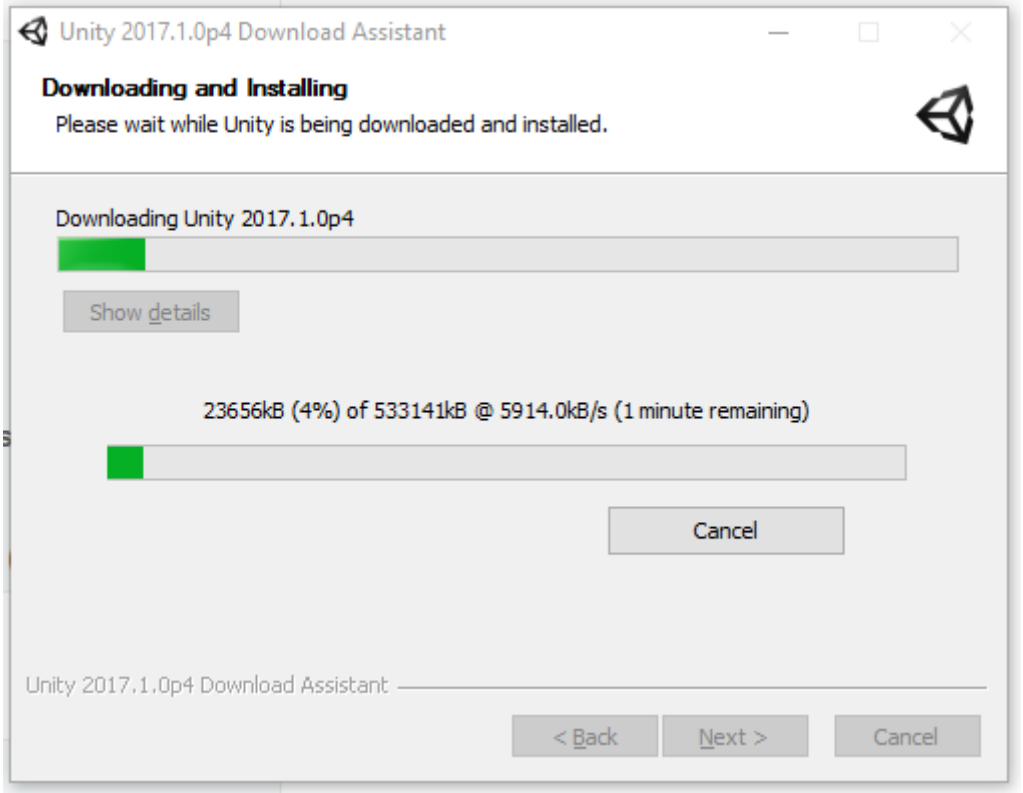
3. Screen shots

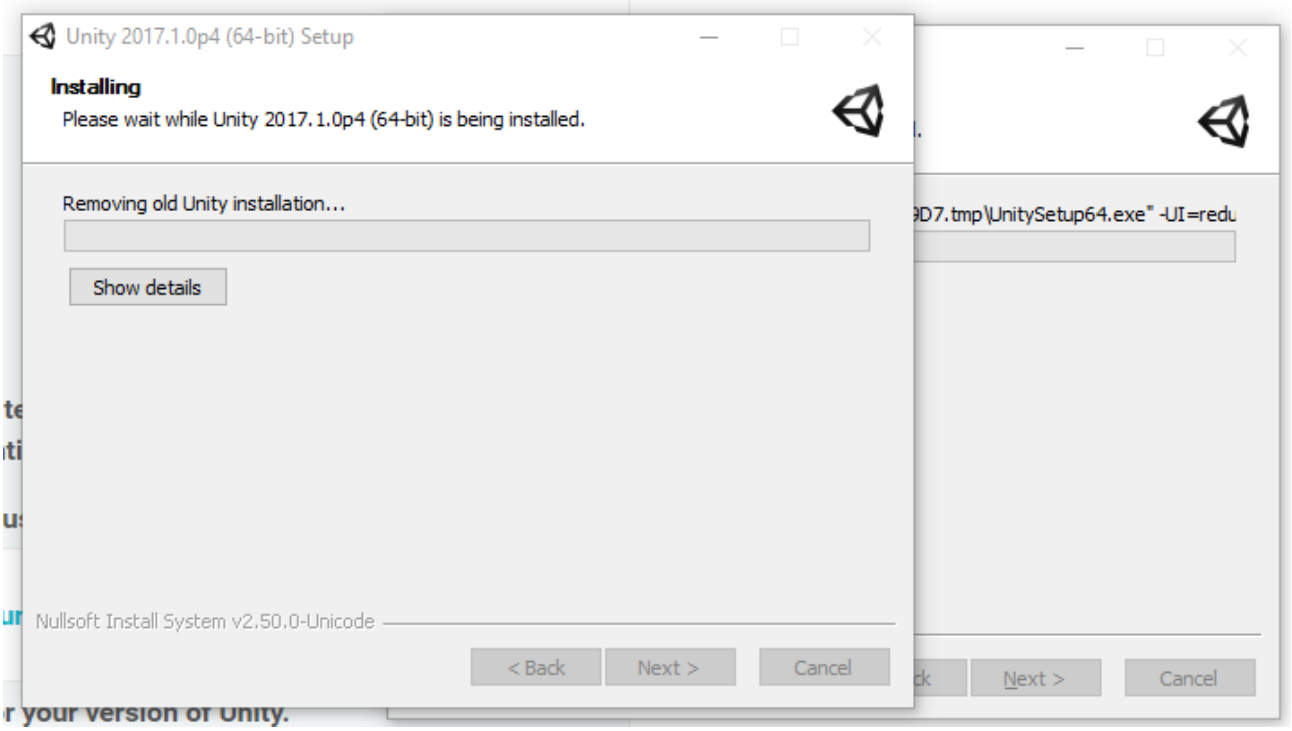


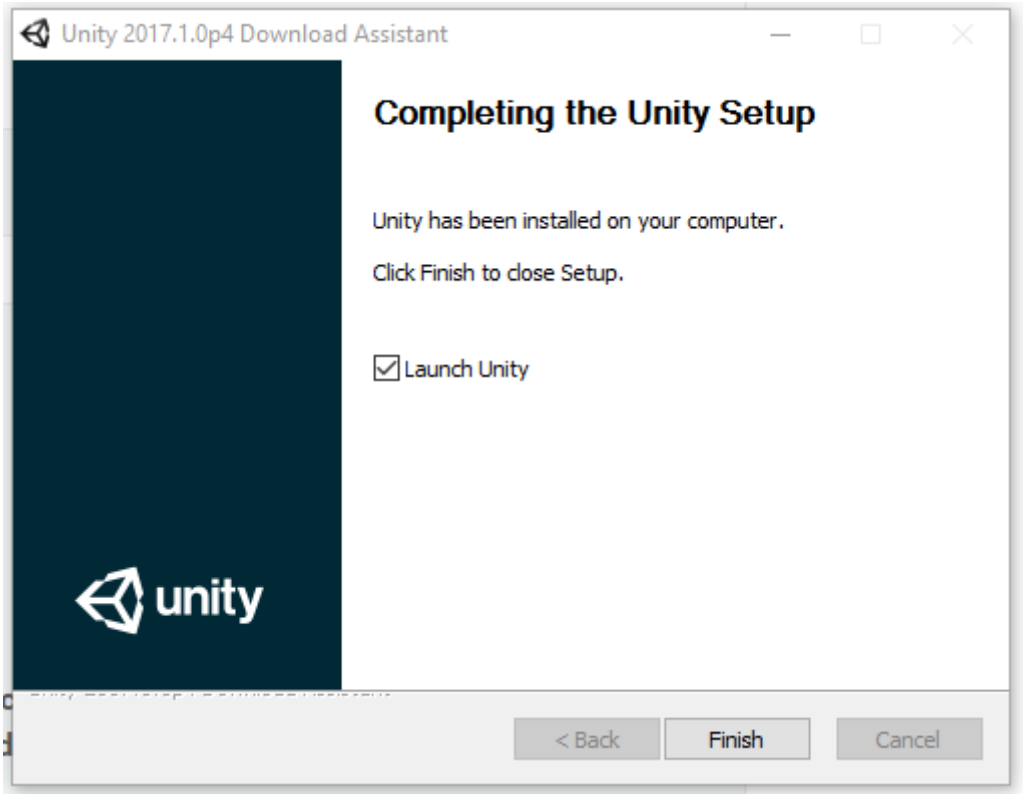

Unity 2017.1.0p4 Download Assistant
License Agreement
Please review and accept the license terms before downloading and installing Unity.
Unity Terms of Service
Last updated: February 13, 2017
Unity Technologies ApS ("Unity", "our" or "we") provides game-development and related software (the "Software"), development-related
I accept the terms of the License Agreement
Print
Unity 2017.1.0p4 Download Assistant
< Back
Next >
Cancel


Unity 2017.1.0p4 Download Assistant
Choose Components
Choose which Unity components you want to download and install.
Unity 2017.1.0p4
Documentation
Standard Assets
Example Project
Android Build Support
iOS Build Support
tvOS Build Support
Linux Build Support
Mac Build Support
Windows Store .NET Scripting Backend
Windows Store IL2CPP Scripting Backend
SamsungTV Build Support
Tizen Build Support
Description
tvOS Playback Engine
Download size: 247M
Install space required: 3.7GB
Unity 2017.1.0p4 Download Assistant
< Back
Next >
Cancel


Unity 2017.1.0p4 Download Assistant
Choose Download and Install locations
Specify where to download and install files.
Specify location of files downloaded during installation
Download files to temporary location (will automatically be removed when done)
Download to:
C:\Users\weibelja\Downloads
Browse...
Unity install folder
C:\Program Files\Unity
Browse...
Total space required: 5.1 GB
Space available: 168.5 GB
Unity 2017.1.0p4 Download Assistant
< Back
Next >
Cancel


Unity 2017.1.0p4 Download Assistant
Downloading and Installing
Please wait while Unity is being downloaded and installed.
Downloading Unity 2017.1.0p4
Show details
23656kB (4%) of 533141kB @ 5914.0kB/s (1 minute remaining)
Cancel
Unity 2017.1.0p4 Download Assistant
< Back
Next >
Cancel



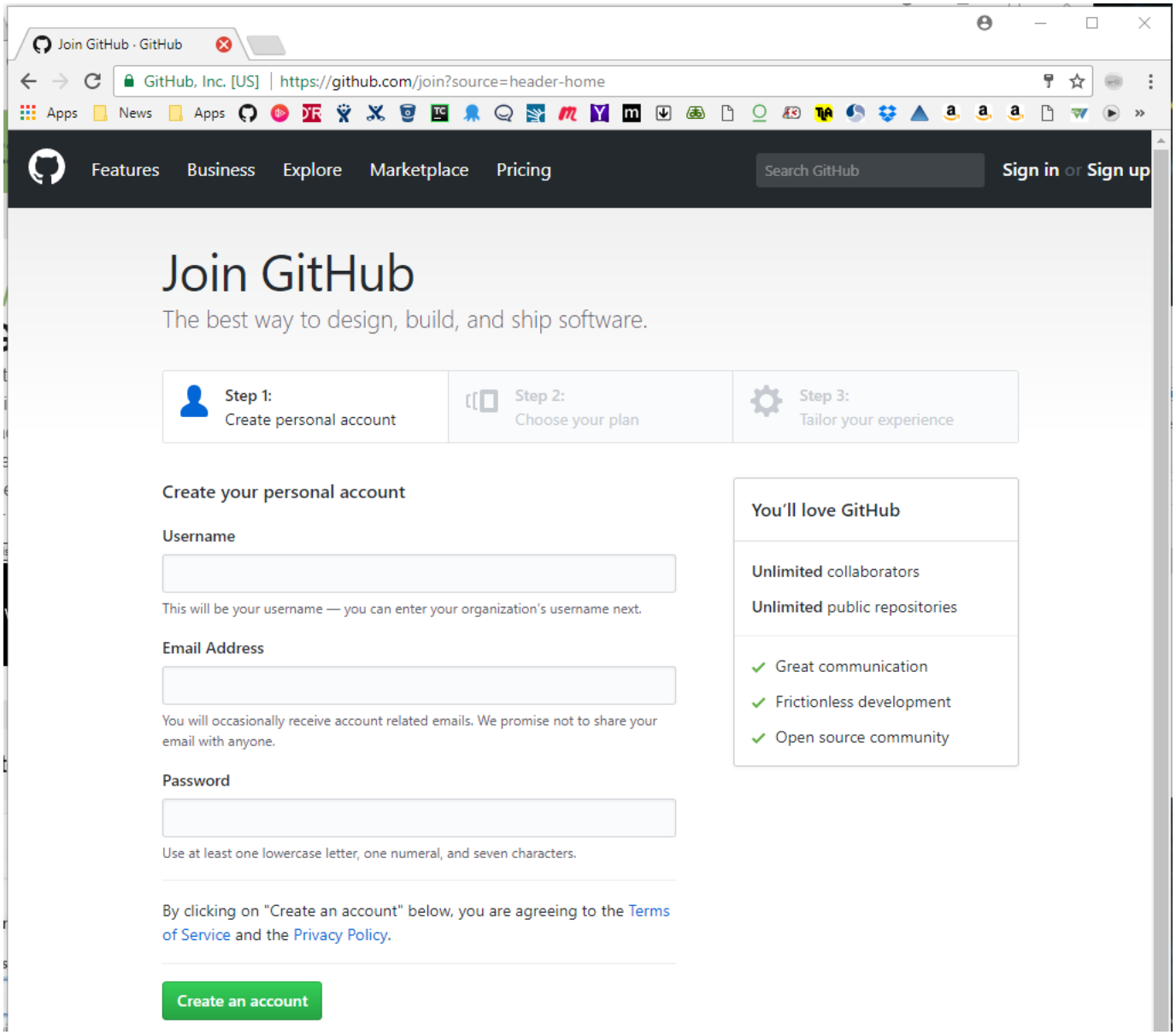


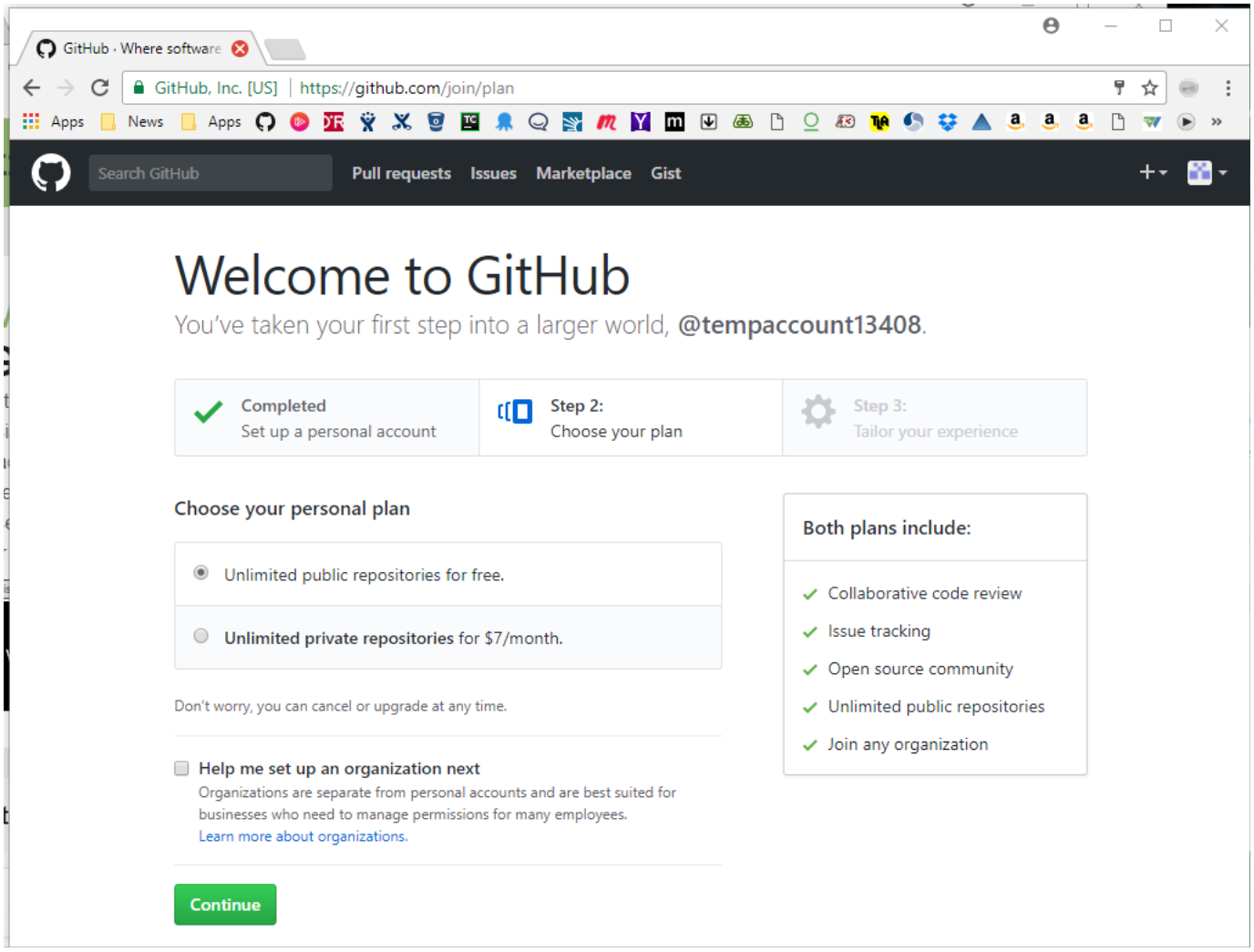
4.

Create a GitHub Account

Link - https://github.com/join?source=header-home

Signing up for a new GitHub account - https://help.github.com/articles/signing-up-for-a-new-github-account/


Join GitHub · GitHub
GitHub, Inc. [US] | https://github.com/join?source=header-home
Apps News Apps
Features Business Explore Marketplace Pricing
Search GitHub
Sign in or Sign up
Join GitHub
The best way to design, build, and ship software.
Step 1:
Create personal account
Step 2:
Choose your plan
Step 3:
Tailor your experience
Create your personal account
Username
This will be your username — you can enter your organization's username next.
Email Address
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.
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
Frictionless development
Open source community

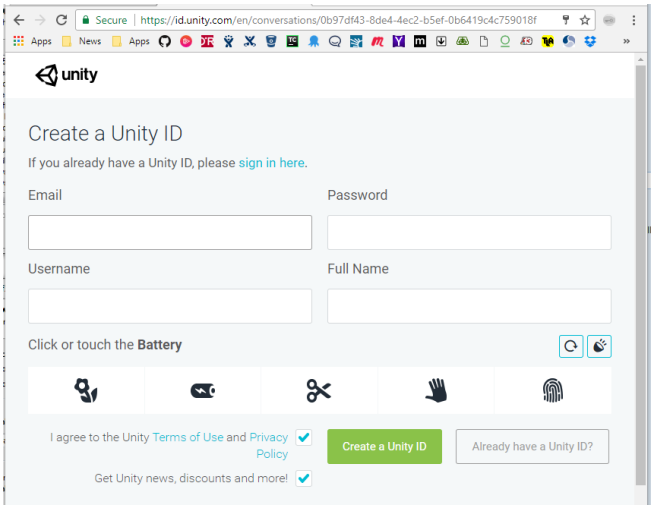


Create Unity Account and Install Software

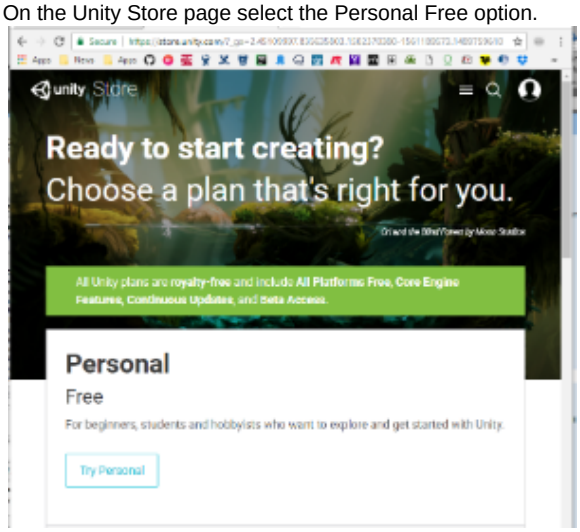
1. Navigate to https://unity3d.com/
2. Create a Unity Id

3.

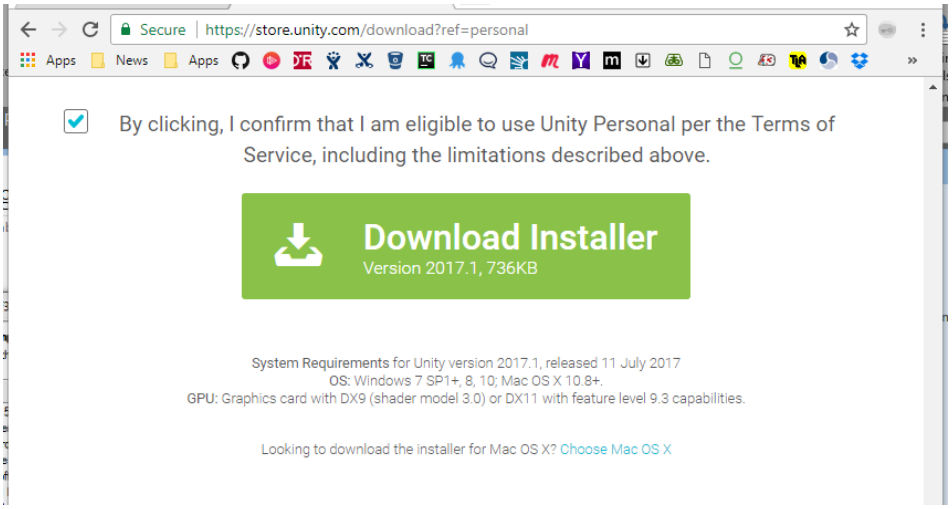
4.

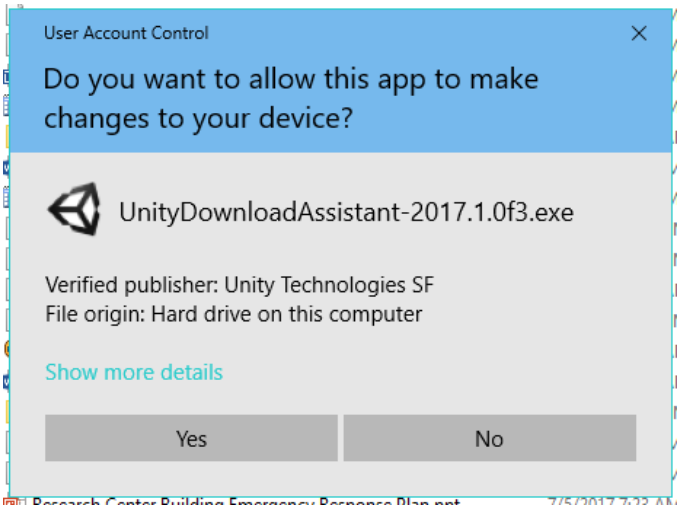


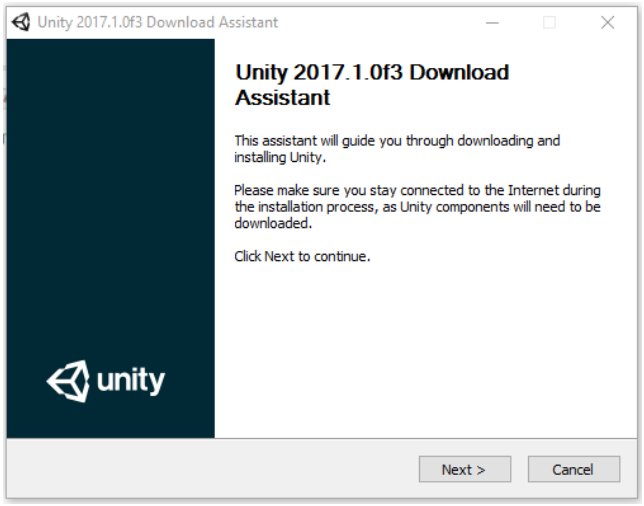
5. Install Unity - return to https://unity3d.com/ and click on the Get Unity button.
6. On the Unity Store page select the Personal Free option.



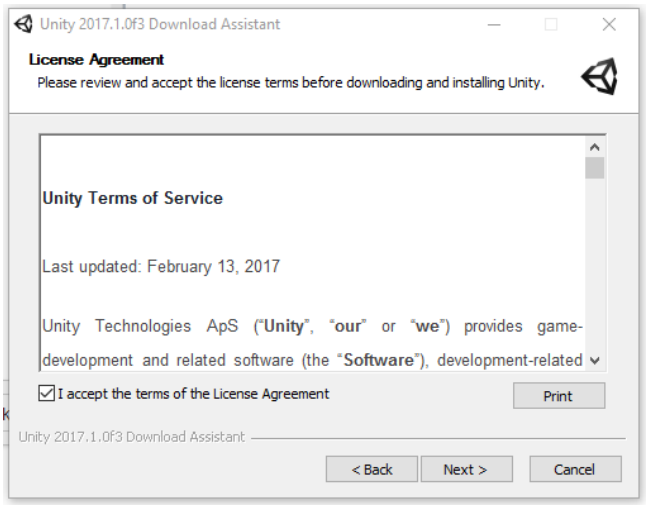
7.



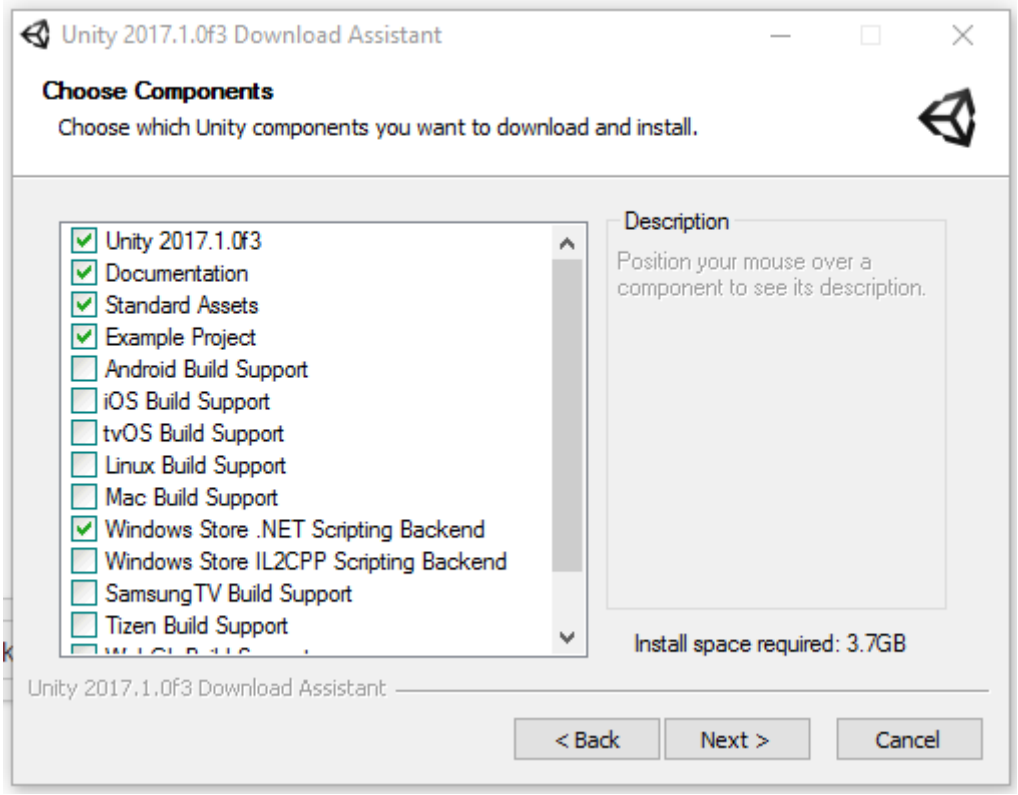
8. Run Unity Installer
9. 

10. 

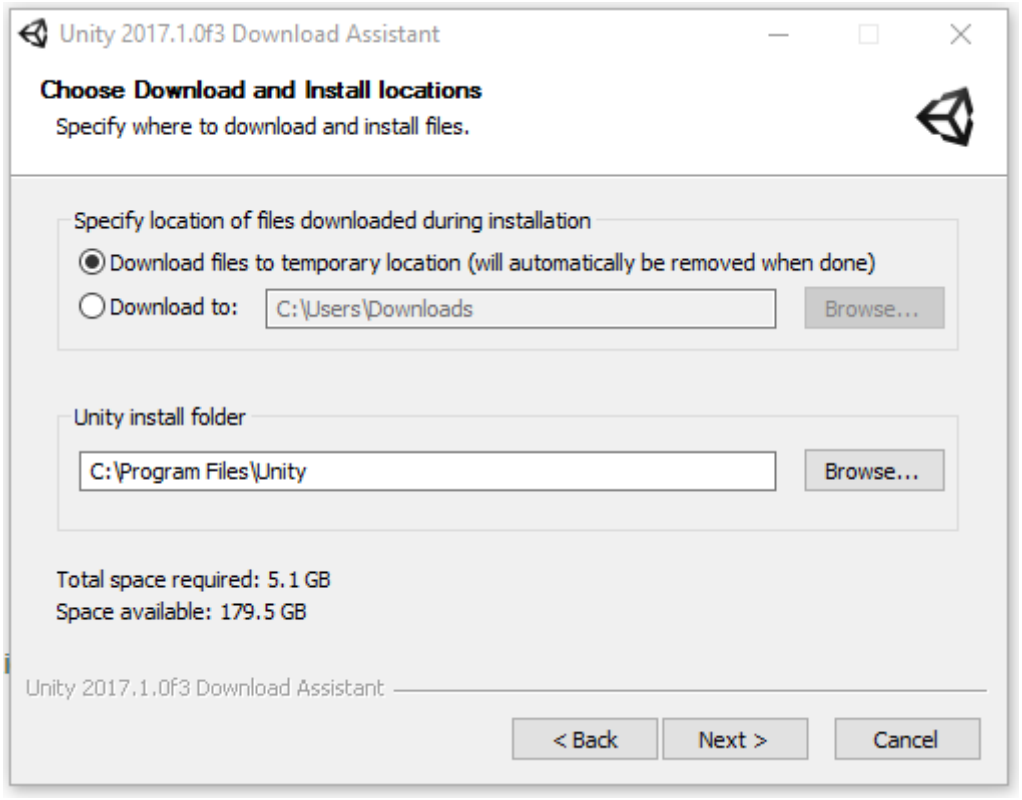
11.

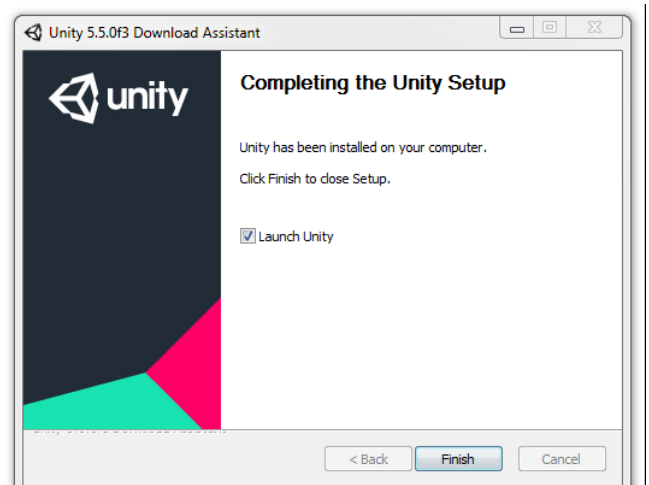


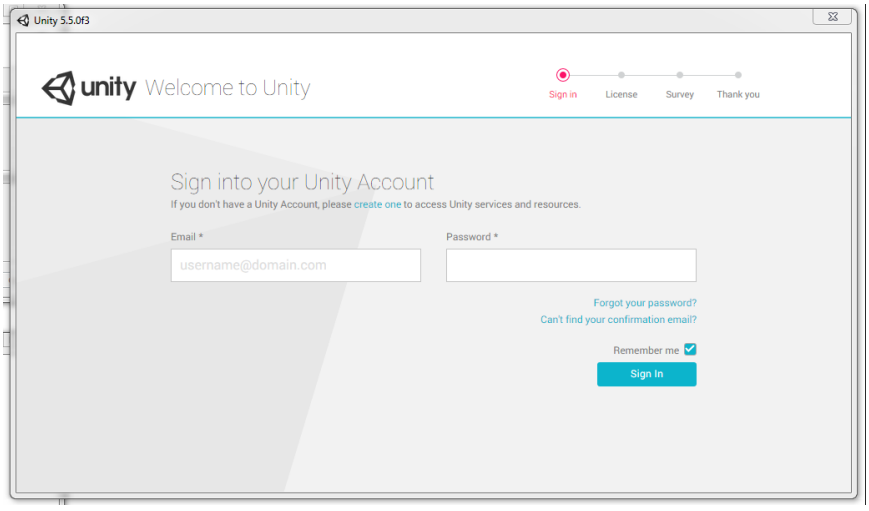
12. Select Components, for our curriculum only the default selections are required.



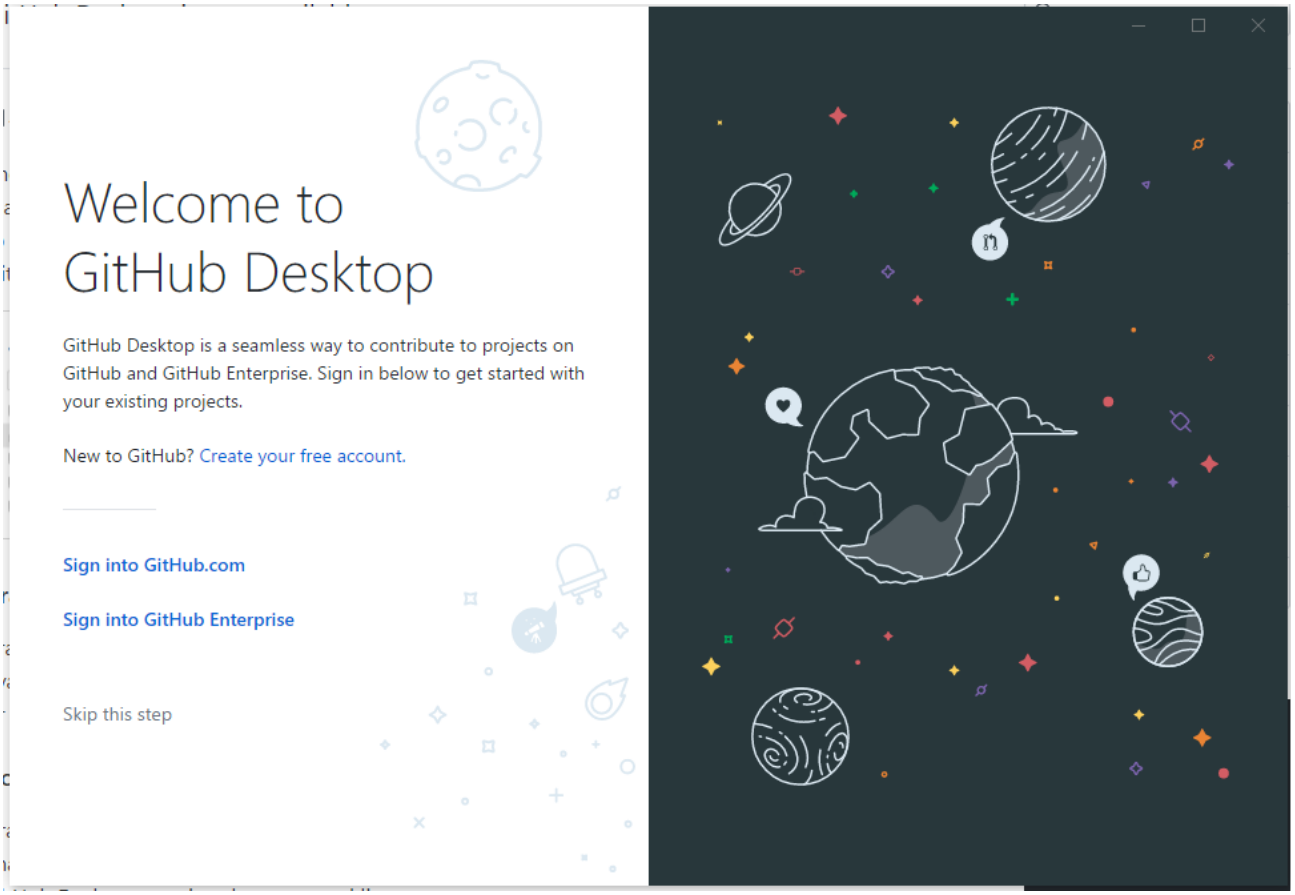
13.

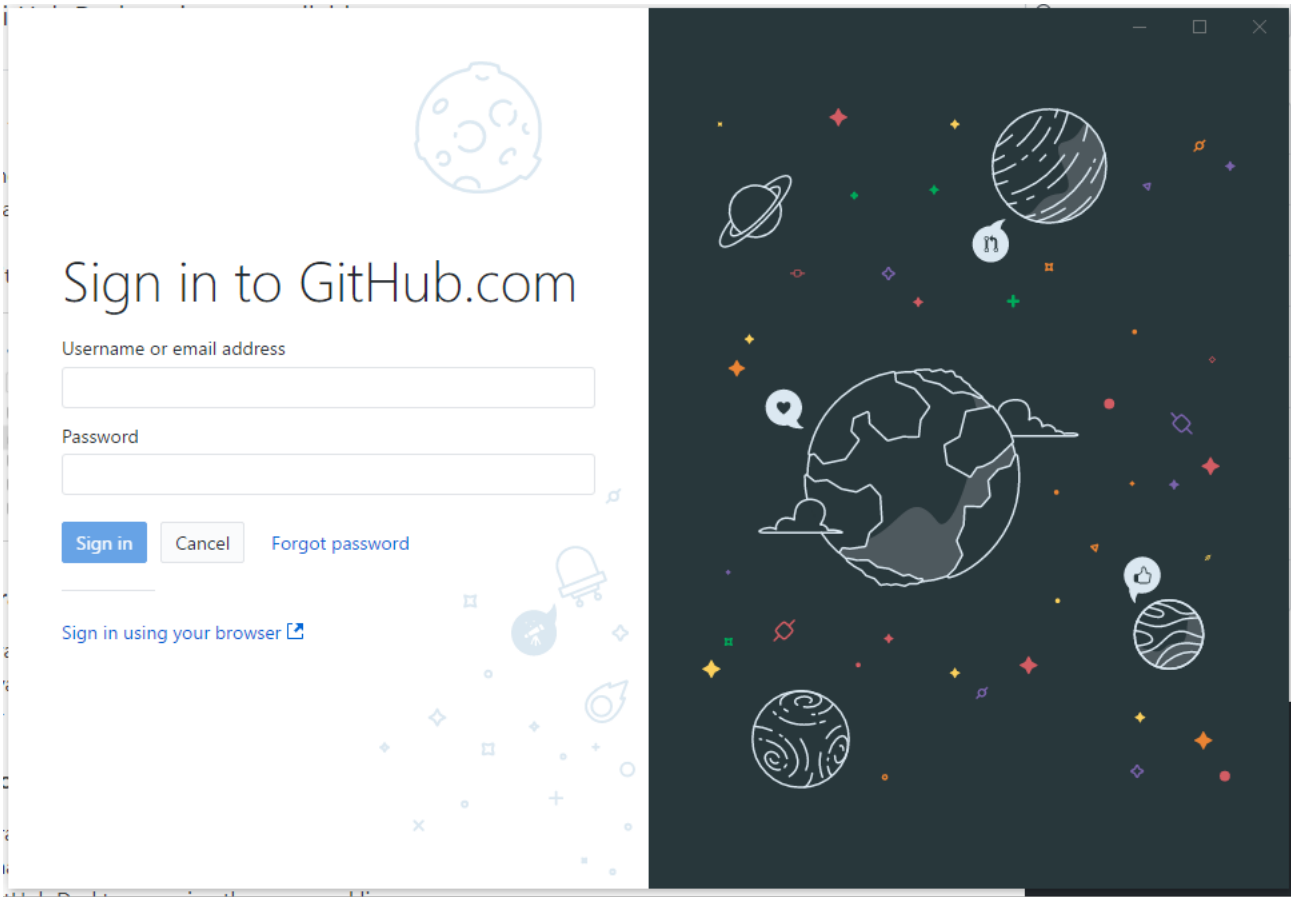
14. 

15. 



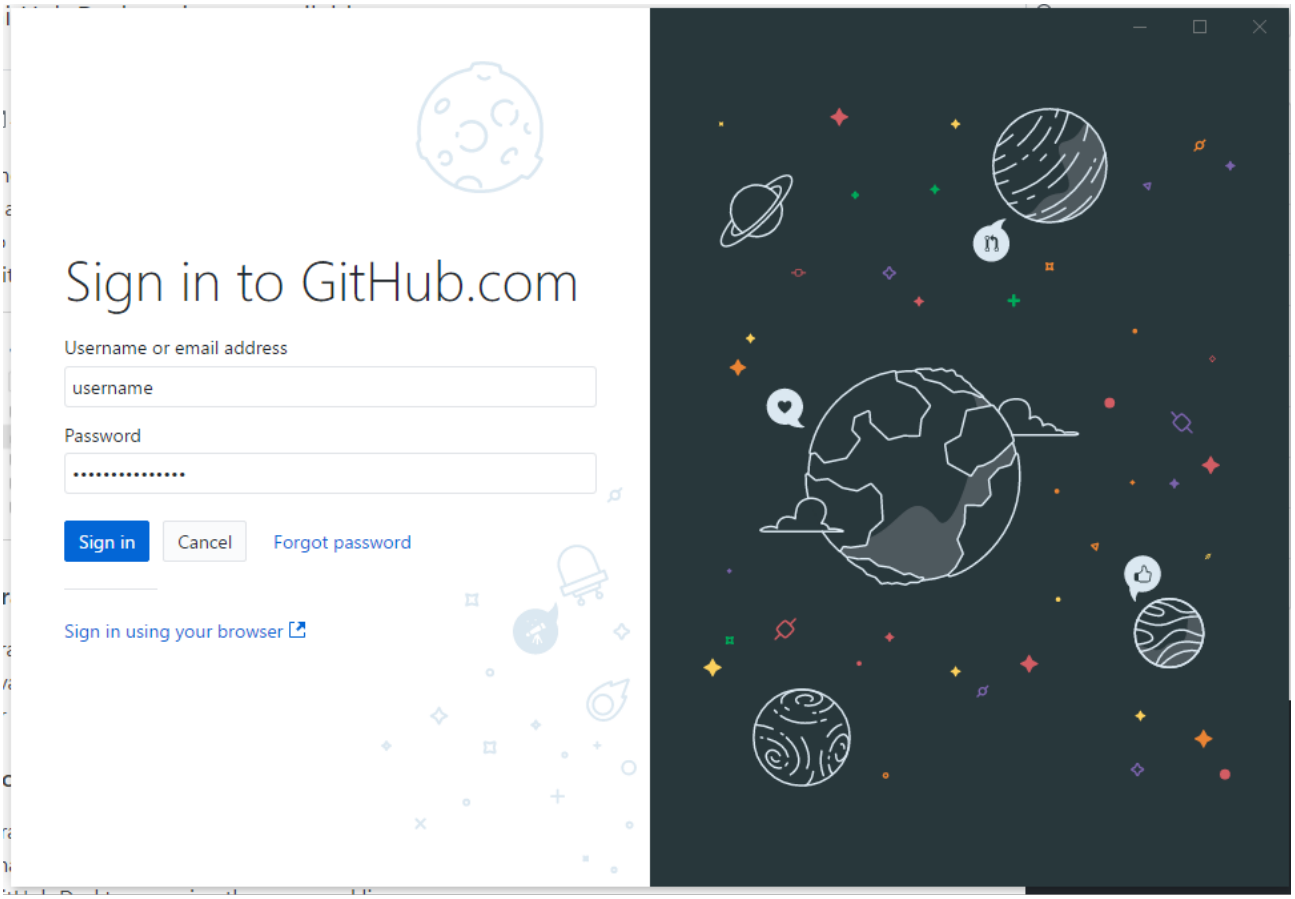
Installing GitHub Desktop Application

1. Download app from https://desktop.github.com/
2. 

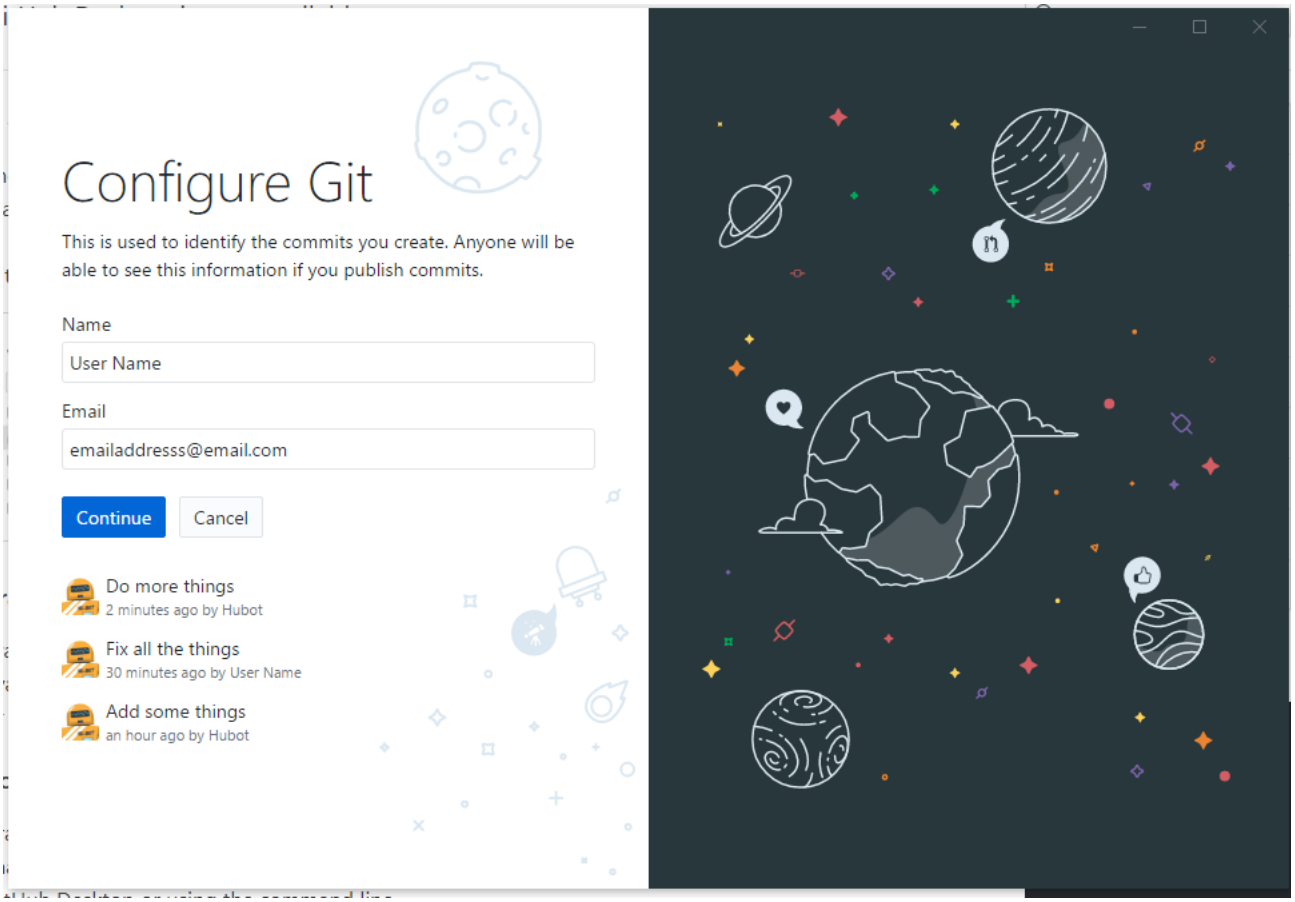
3. 

4.

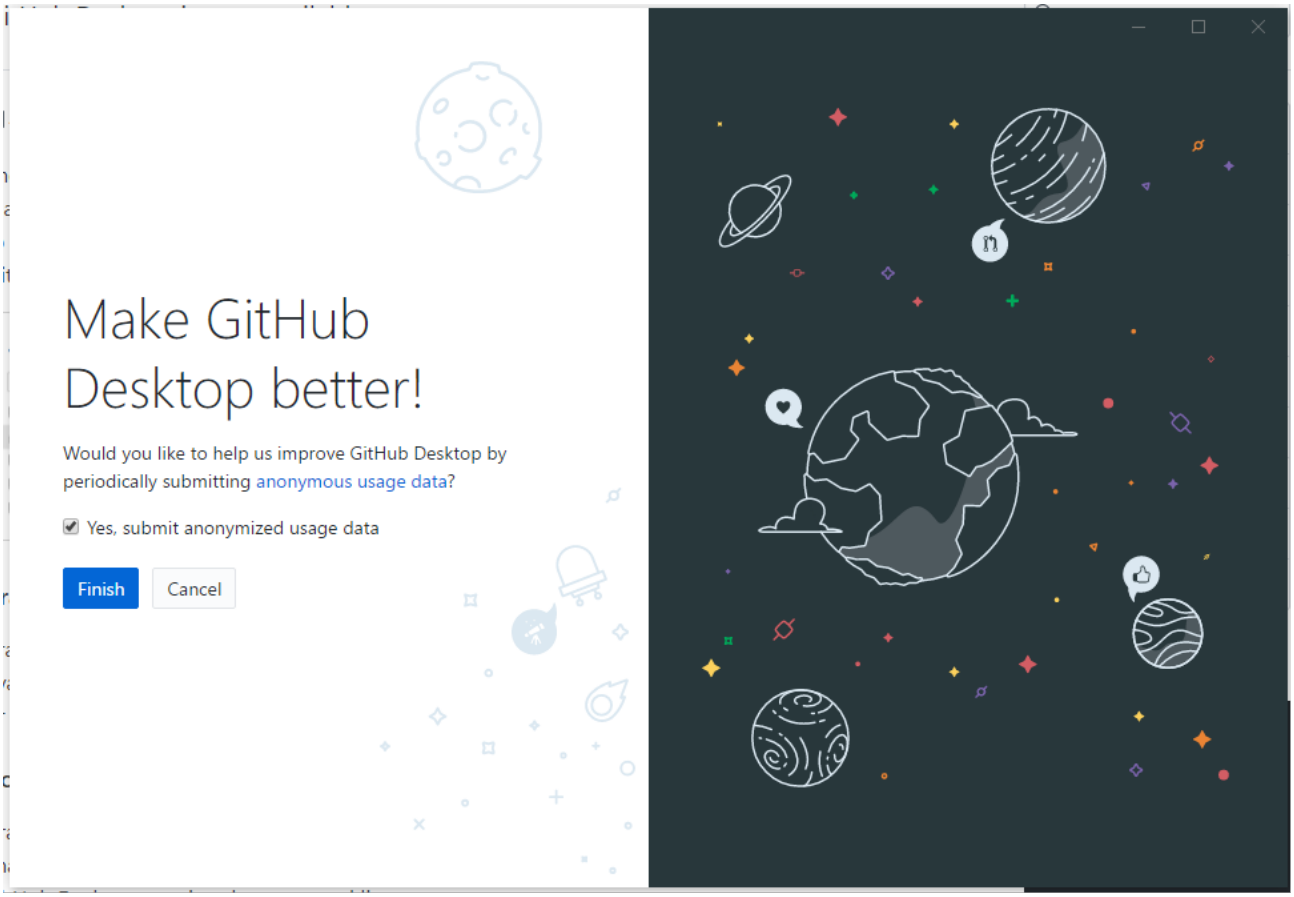
5.


Sign in to GitHub.com
Username or email address
username
Password
Sign in
Cancel
Forgot password
Sign in using your browser

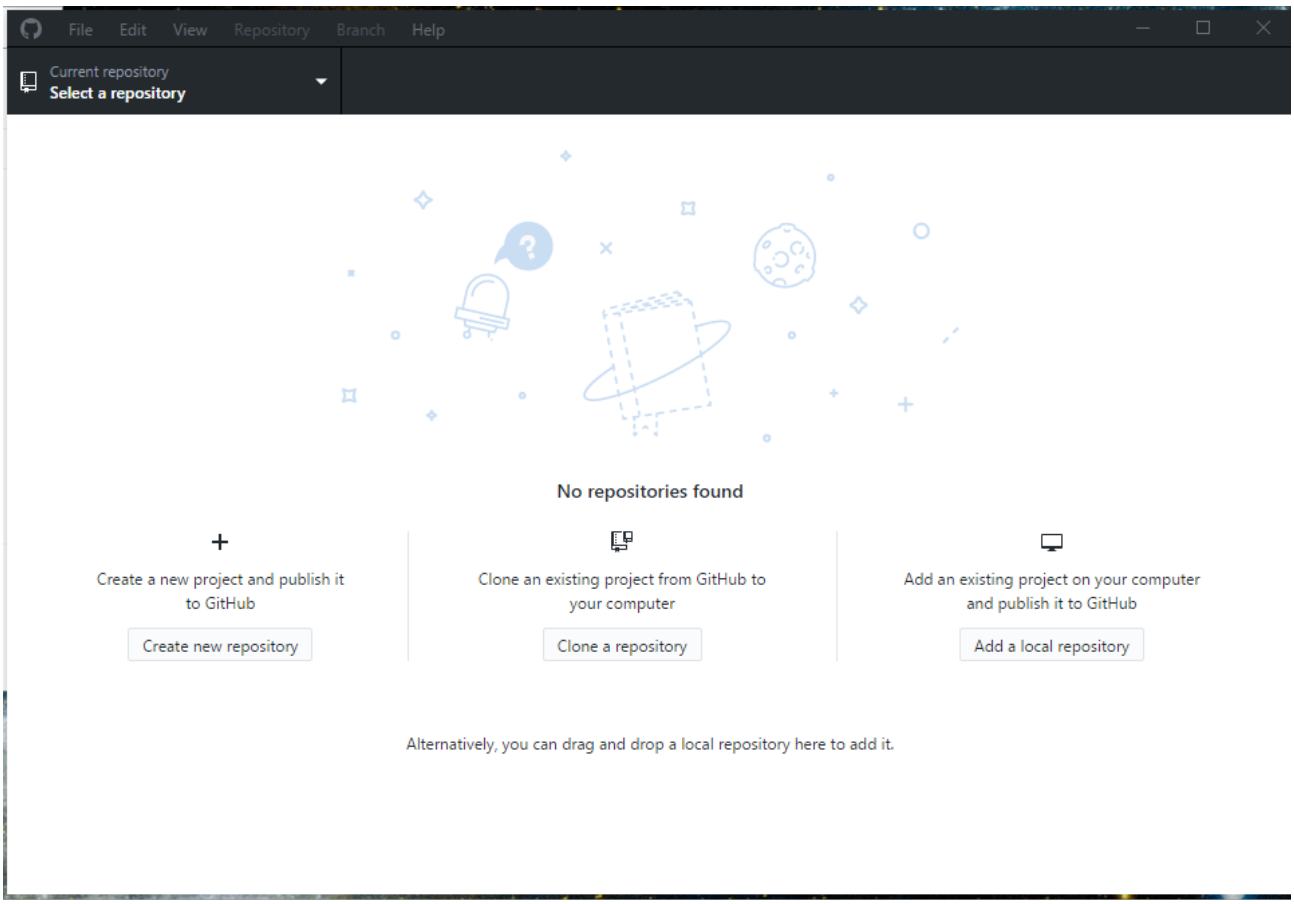
6.

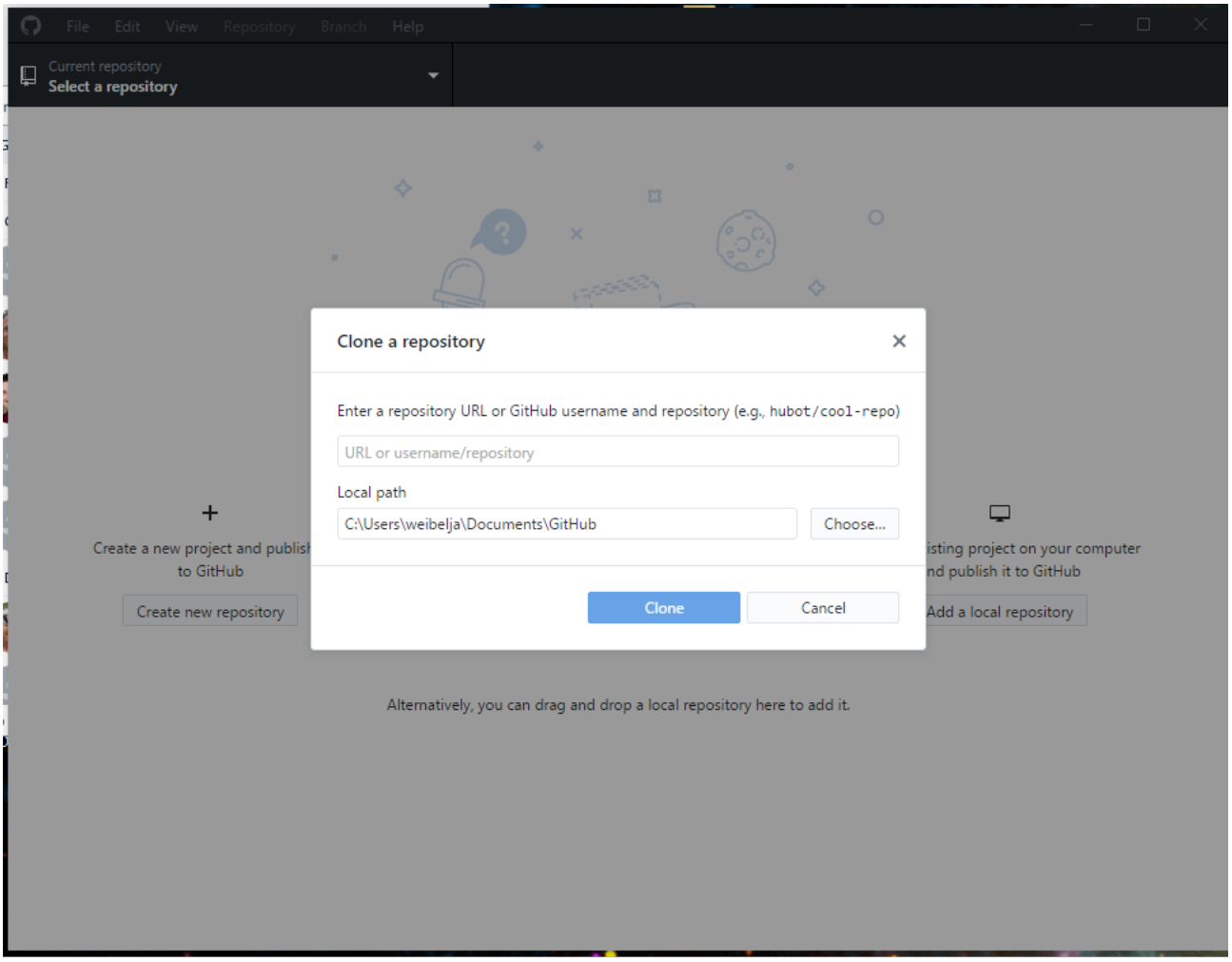

Configure Git
This is used to identify the commits you create. Anyone will be able to see this information if you publish commits.
Name
User Name
Email
emailaddresss@email.com
Continue
Cancel
Do more things
2 minutes ago by Hubot
Fix all the things
30 minutes ago by User Name
Add some things
an hour ago by Hubot

7.

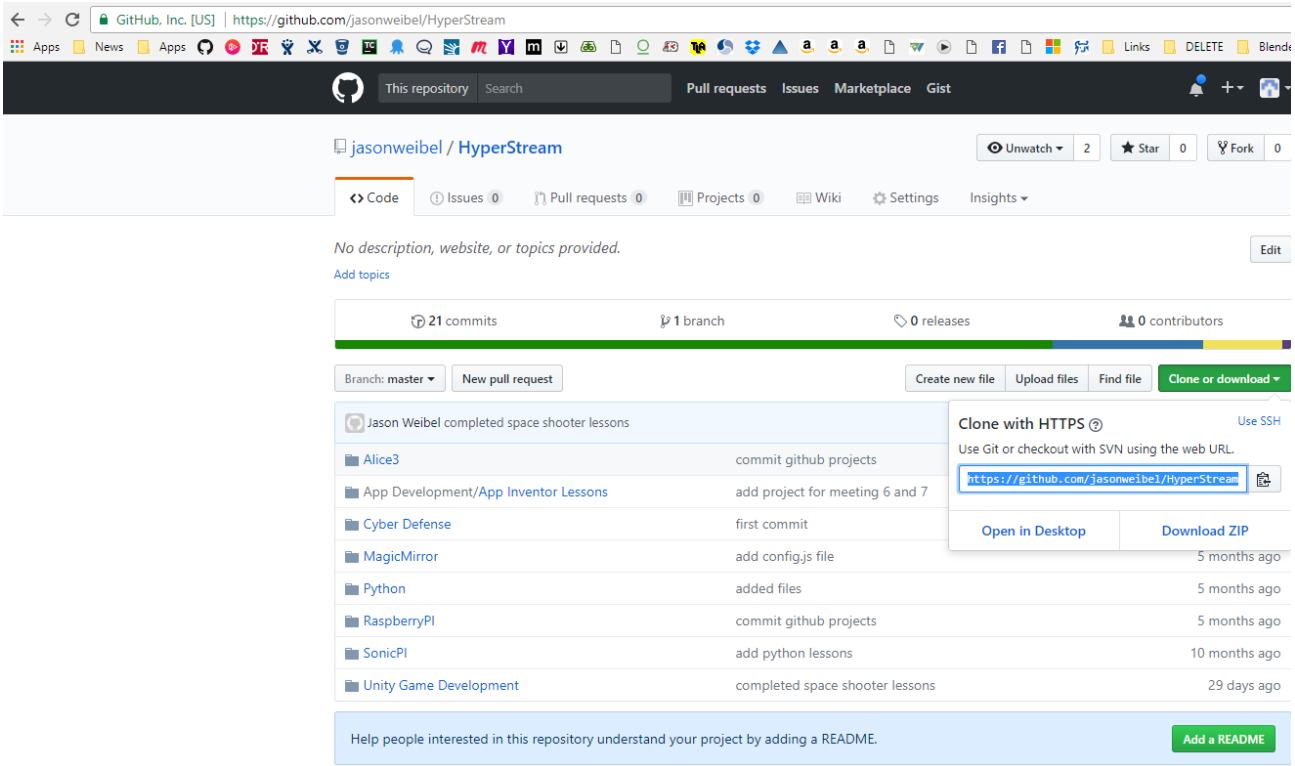

Make GitHub Desktop better!
Would you like to help us improve GitHub Desktop by periodically submitting anonymous usage data?
Yes, submit anonymized usage data
Finish
Cancel

8.


File
Edit
View
Repository
Branch
Help
Current repository
Select a repository
No repositories found
Create a new project and publish it to GitHub
Create new repository
Clone an existing project from GitHub to your computer
Clone a repository
Add an existing project on your computer and publish it to GitHub
Add a local repository
Alternatively, you can drag and drop a local repository here to add it.

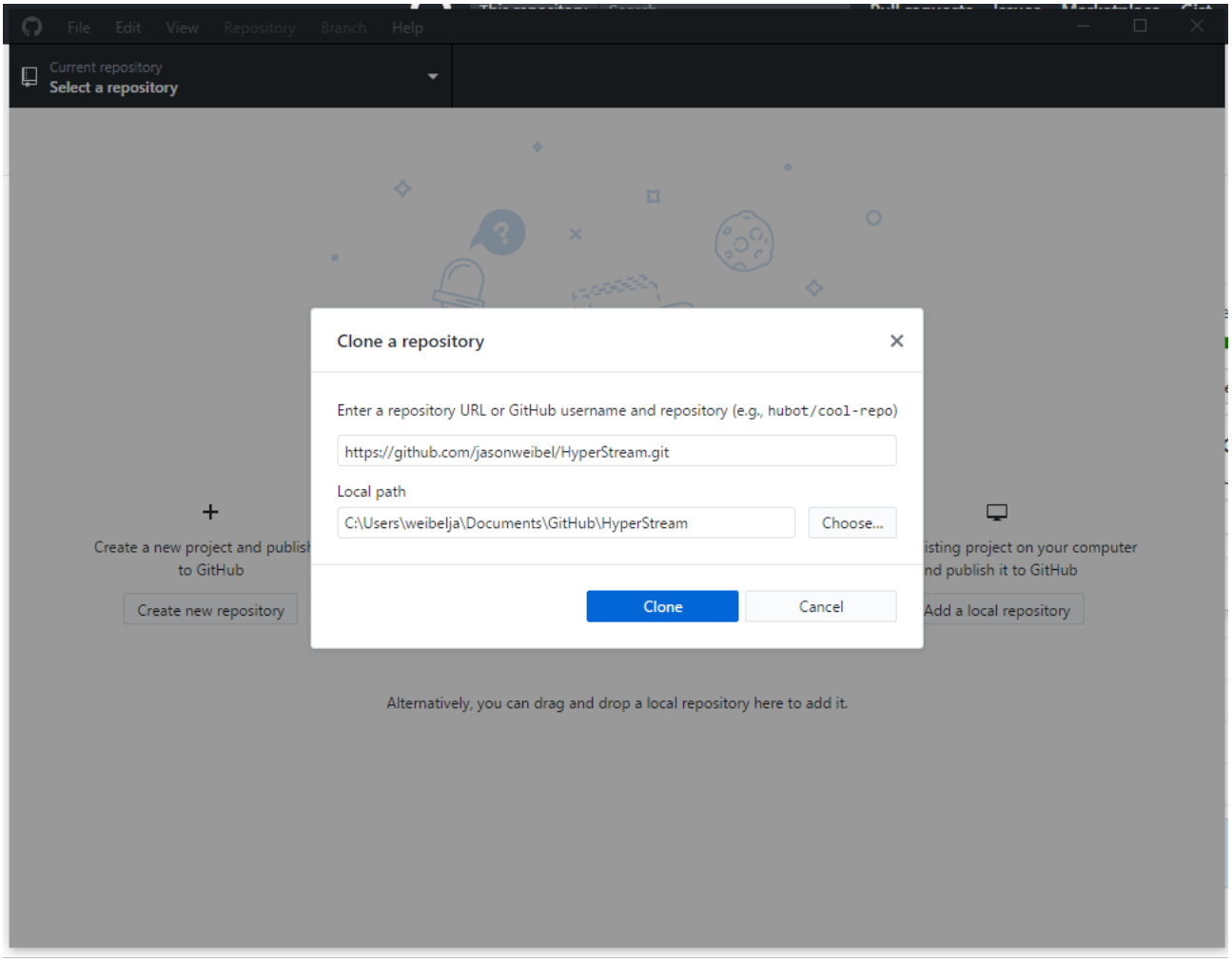


9. Repository - https://github.com/jasonweibel/HyperStream.git

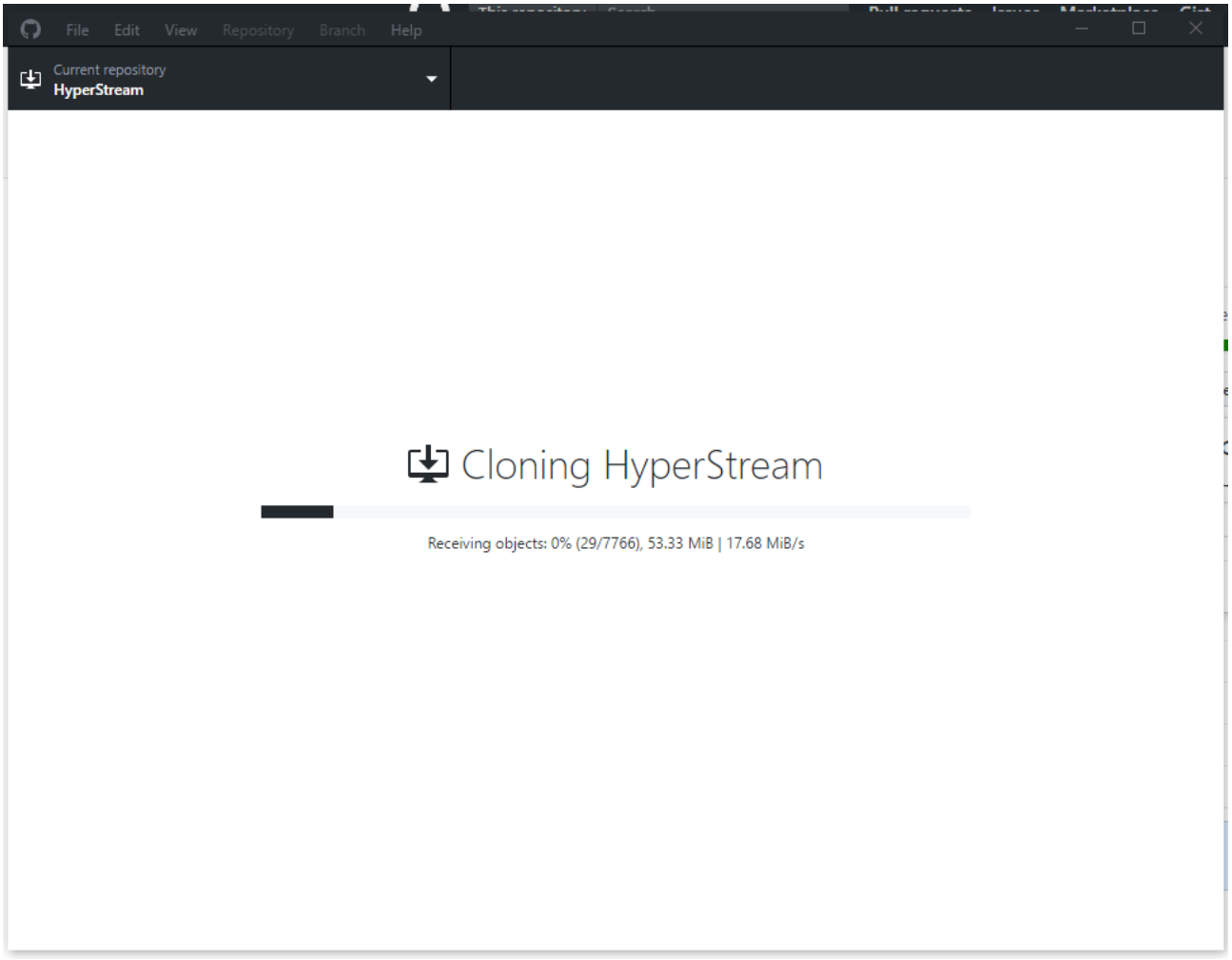


10.

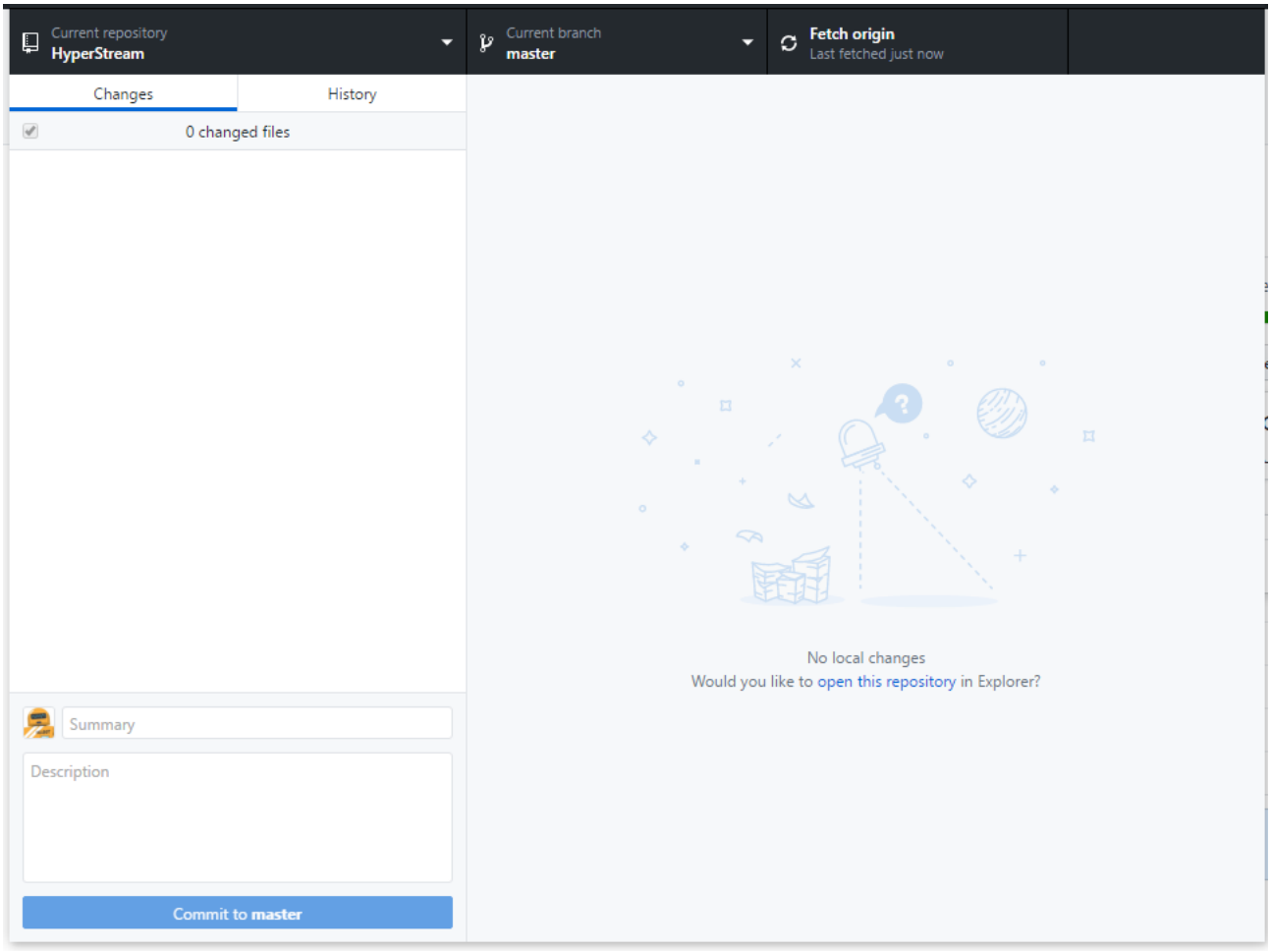
11.

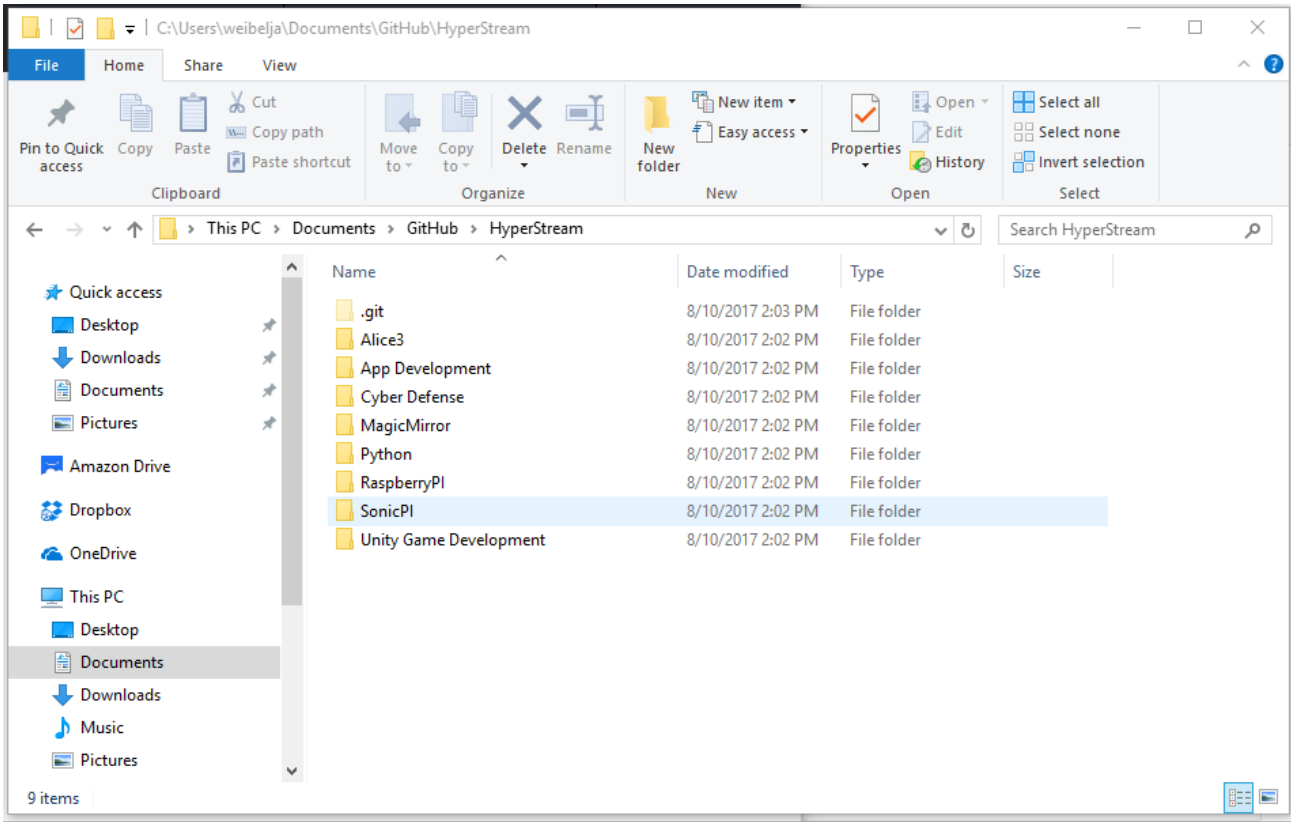

File Edit View Repository Branch Help
Current repository
Select a repository
Clone a repository
Enter a repository URL or GitHub username and repository (e.g., hubot/cool-repo)
https://github.com/jasonweibel/HyperStream.git
Local path
C:\Users\weibelja\Documents\GitHub\HyperStream
Choose...
Clone
Cancel
Create a new project and publish
to GitHub
Create new repository
isting project on your computer
nd publish it to GitHub
Add a local repository
Alternatively, you can drag and drop a local repository here to add it.

12.


File Edit View Repository Branch Help
Current repository
HyperStream
Cloning HyperStream
Receiving objects: 0% (29/7766), 53.33 MiB | 17.68 MiB/s

13.


Current repository
HyperStream
Current branch
master
Fetch origin
Last fetched just now
Changes
History
0 changed files
No local changes
Would you like to open this repository in Explorer?
Summary
Description
Commit to master



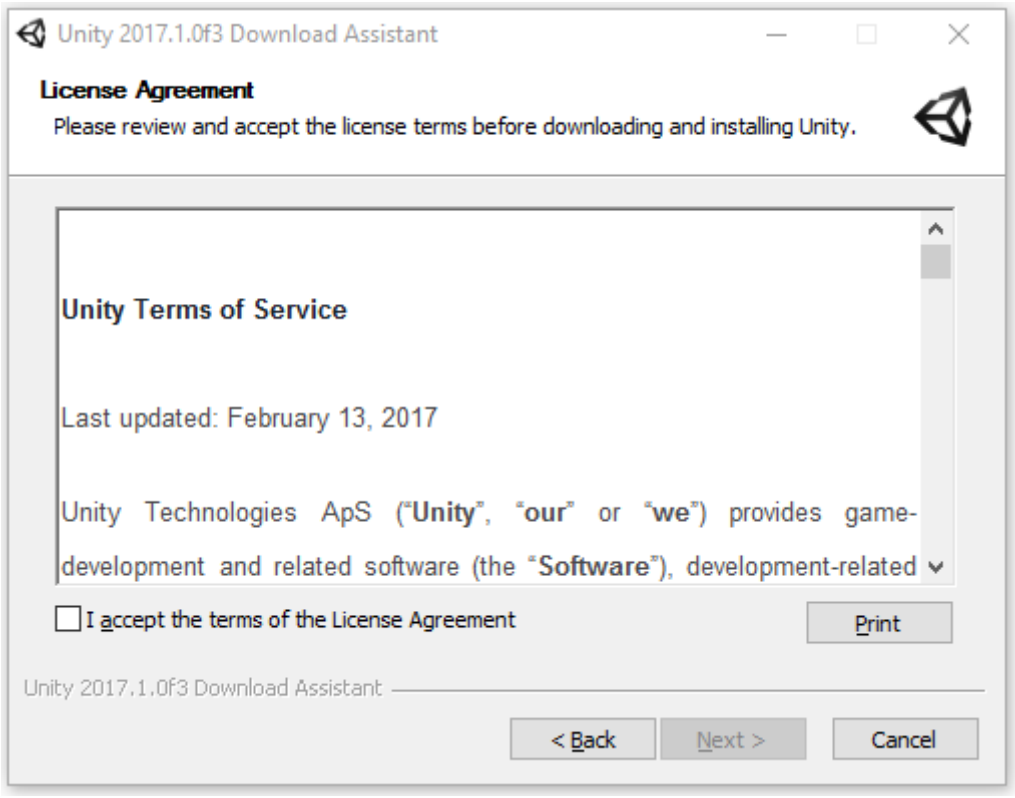
14.

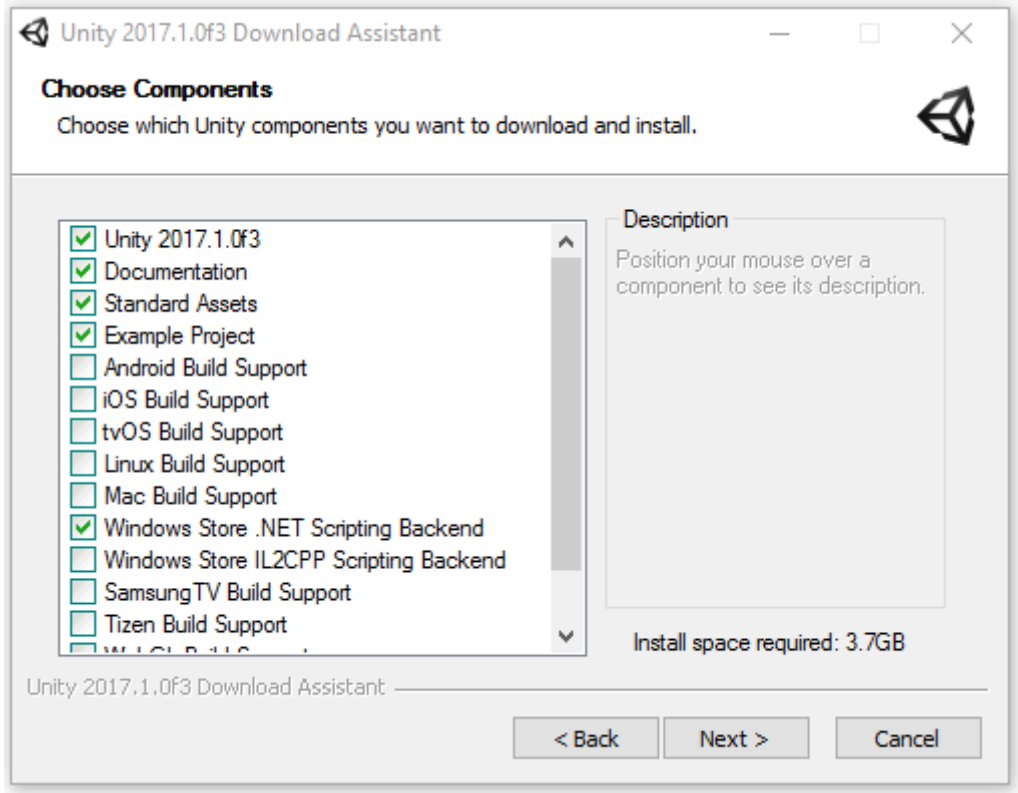
Unity Install Notes

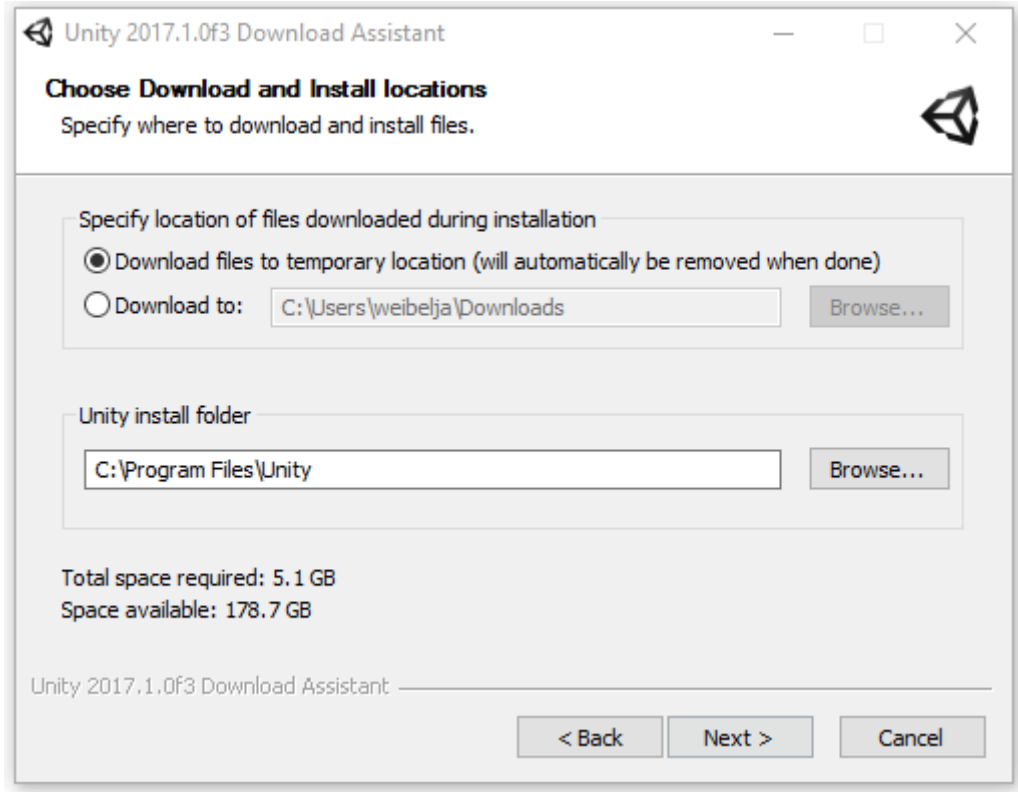
Download and Install Unity

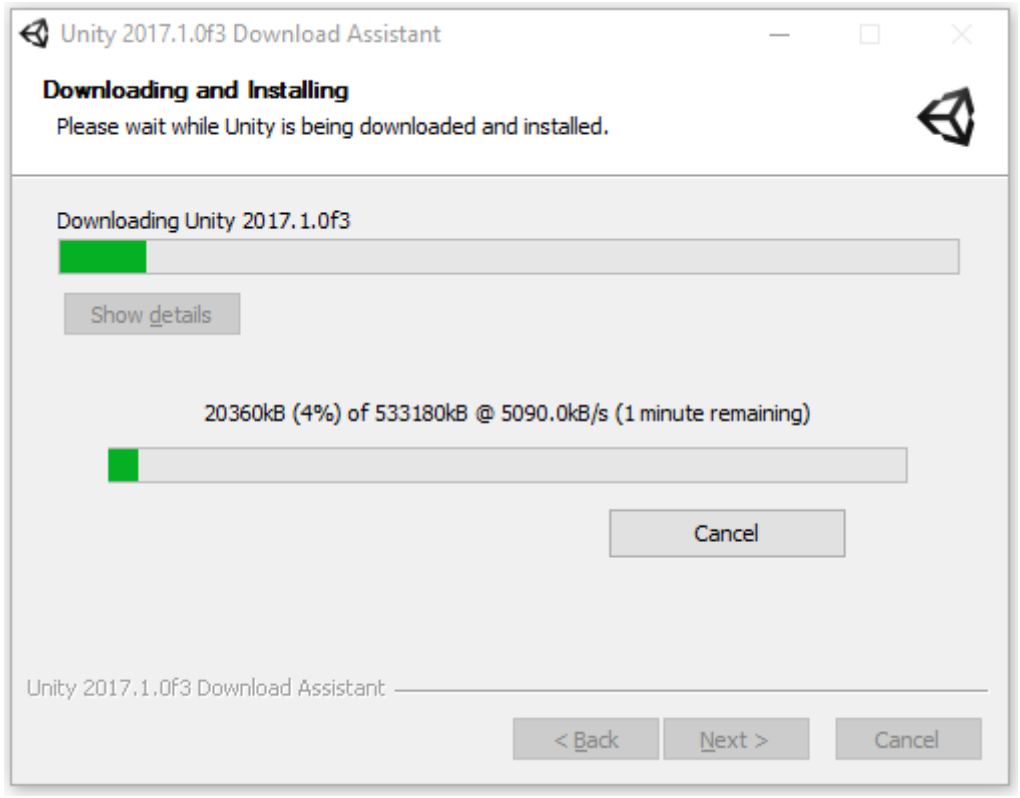
Download Unity from https://store.unity.com/download?ref=personal

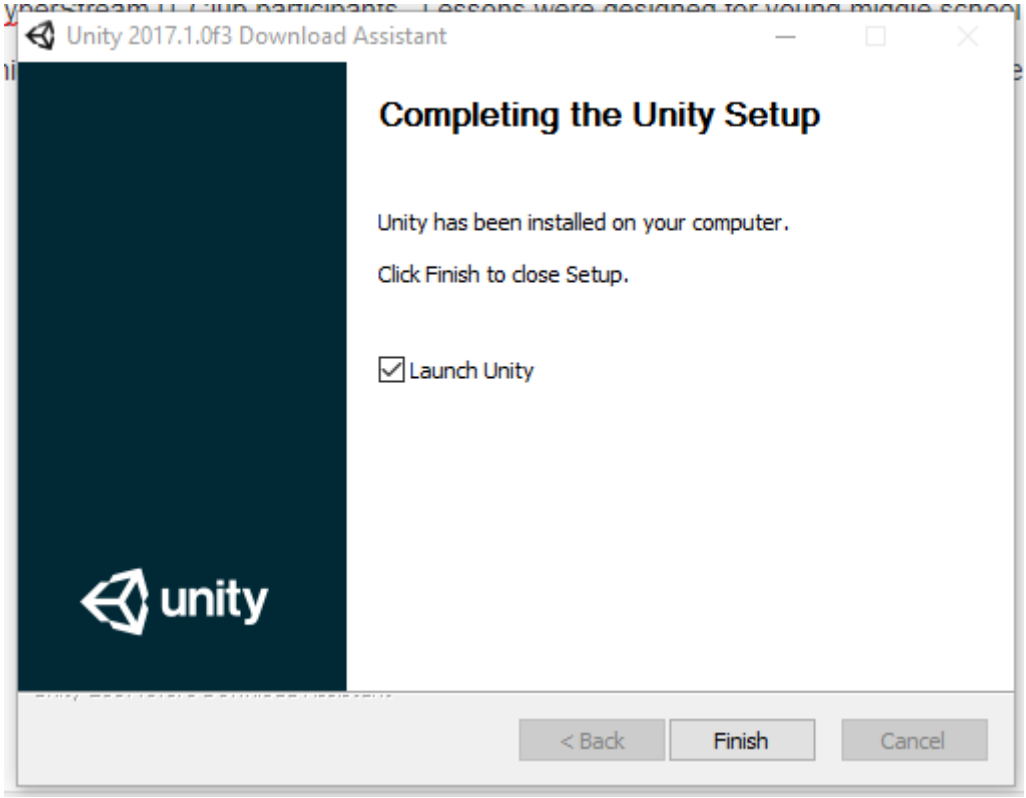
Start download.



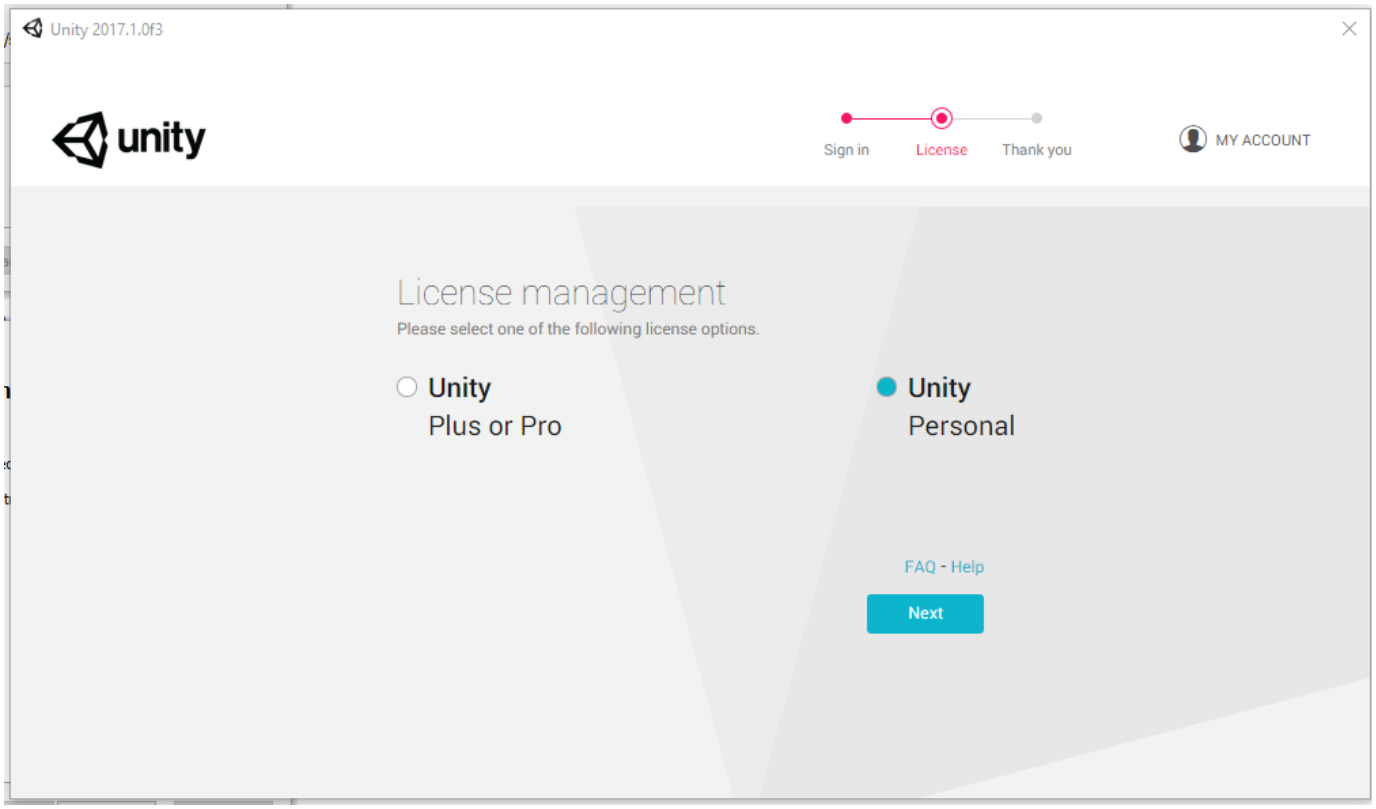

Unity 2017.1.0f3 Download Assistant
Choose Components
Choose which Unity components you want to download and install.
Unity 2017.1.0f3
Documentation
Standard Assets
Example Project
Android Build Support
iOS Build Support
tvOS Build Support
Linux Build Support
Mac Build Support
Windows Store .NET Scripting Backend
Windows Store IL2CPP Scripting Backend
SamsungTV Build Support
Tizen Build Support
Description
Position your mouse over a component to see its description.
Install space required: 3.7GB
Unity 2017.1.0f3 Download Assistant
< Back
Next >
Cancel

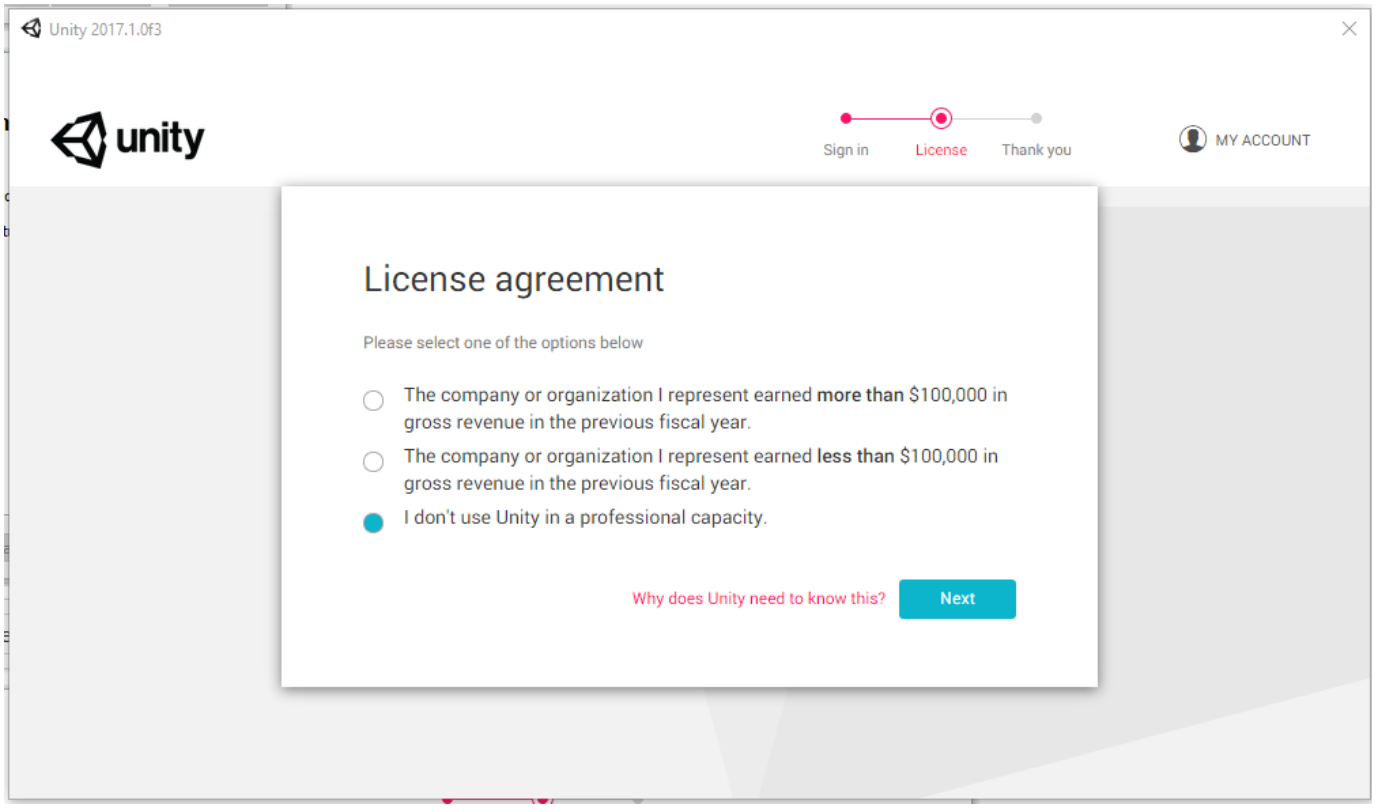

Unity 2017.1.0f3 Download Assistant
Choose Download and Install locations
Specify where to download and install files.
Specify location of files downloaded during installation
Download files to temporary location (will automatically be removed when done)
Download to:
C:\Users\weibelja\Downloads
Browse...
Unity install folder
C:\Program Files\Unity
Browse...
Total space required: 5.1 GB
Space available: 178.7 GB
Unity 2017.1.0f3 Download Assistant
< Back
Next >
Cancel

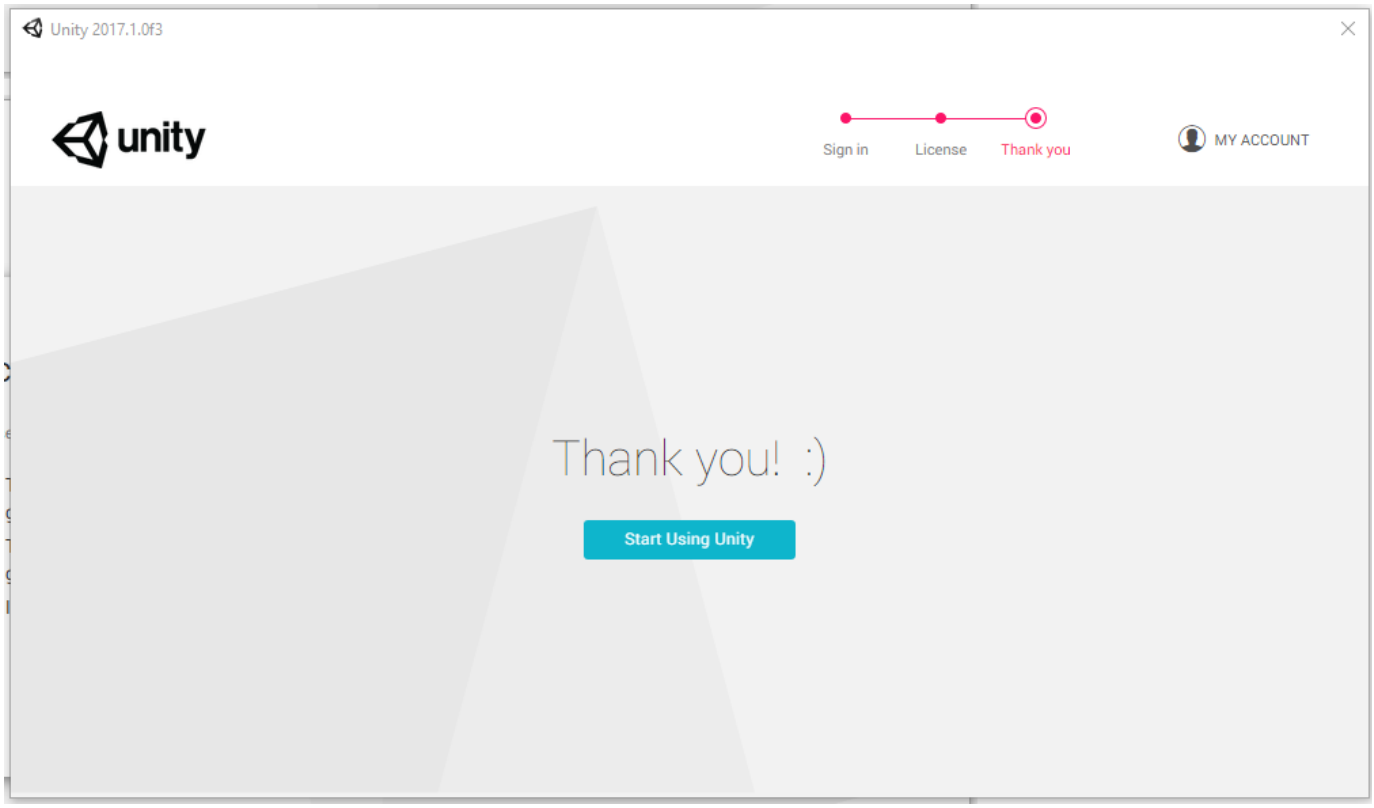

Unity 2017.1.0f3 Download Assistant
Downloading and Installing
Please wait while Unity is being downloaded and installed.
Downloading Unity 2017.1.0f3
Show details
20360kB (4%) of 533180kB @ 5090.0kB/s (1 minute remaining)
Cancel
Unity 2017.1.0f3 Download Assistant
< Back
Next >
Cancel


Unity 2017.1.0f3 Download Assistant
Completing the Unity Setup
Unity has been installed on your computer.
Click Finish to close Setup.
Launch Unity
unity
< Back
Finish
Cancel

Sign In


Unity 2017.1.0f3
unity
Sign in
License
Thank you
MY ACCOUNT
License management
Please select one of the following license options.
Unity
Plus or Pro
Unity
Personal
FAQ - Help
Next


Unity 2017.1.0f3
unity
Sign in
License
Thank you
MY ACCOUNT
License agreement
Please select one of the options below
The company or organization I represent earned more than $100,000 in gross revenue in the previous fiscal year.
The company or organization I represent earned less than $100,000 in gross revenue in the previous fiscal year.
I don't use Unity in a professional capacity.
Why does Unity need to know this?
Next



Visual Studio Community Edition Install Notes

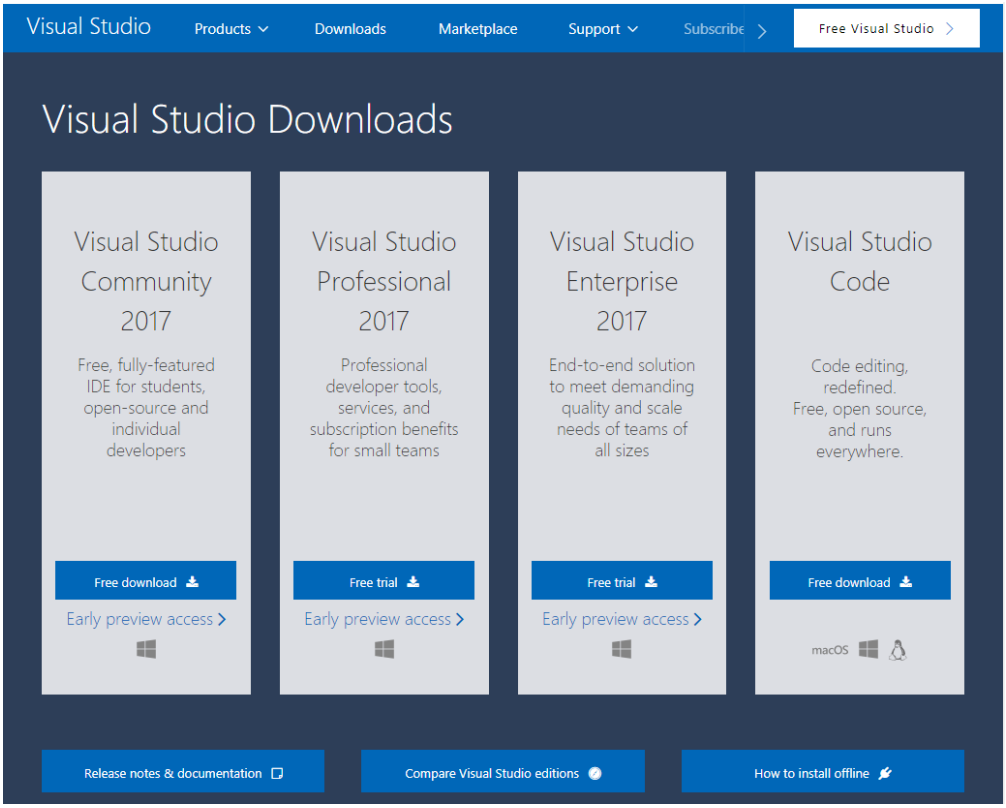
Please note - screen shots may be slightly difference

What's new for Unity developers? - https://channel9.msdn.com/Events/Visual-Studio/Visual-Studio-2017-Launch/T132

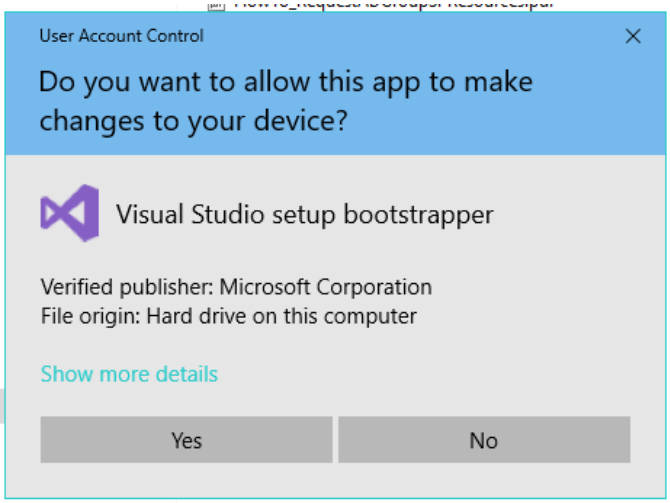
Install Visual Studio 2017 - https://docs.microsoft.com/en-us/visualstudio/install/install-visual-studio

Visual Studio Install Notes

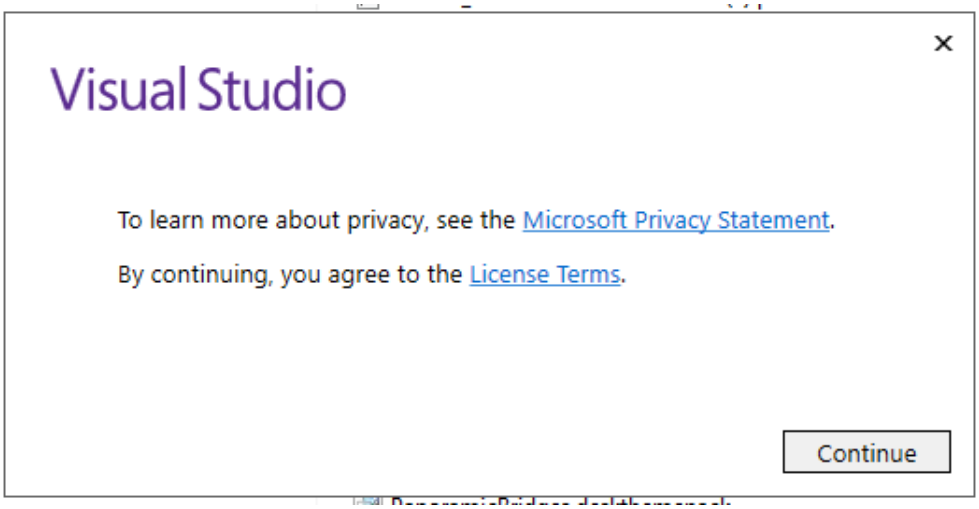
1. Go to Visual Studio Downloads page - https://www.visualstudio.com/downloads/
2. Select Visual Studio Community 2017



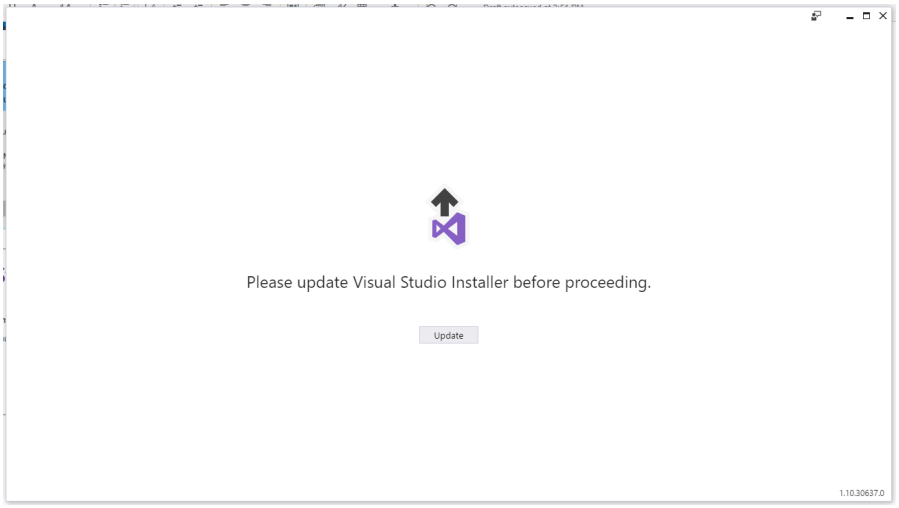
3. Run exe



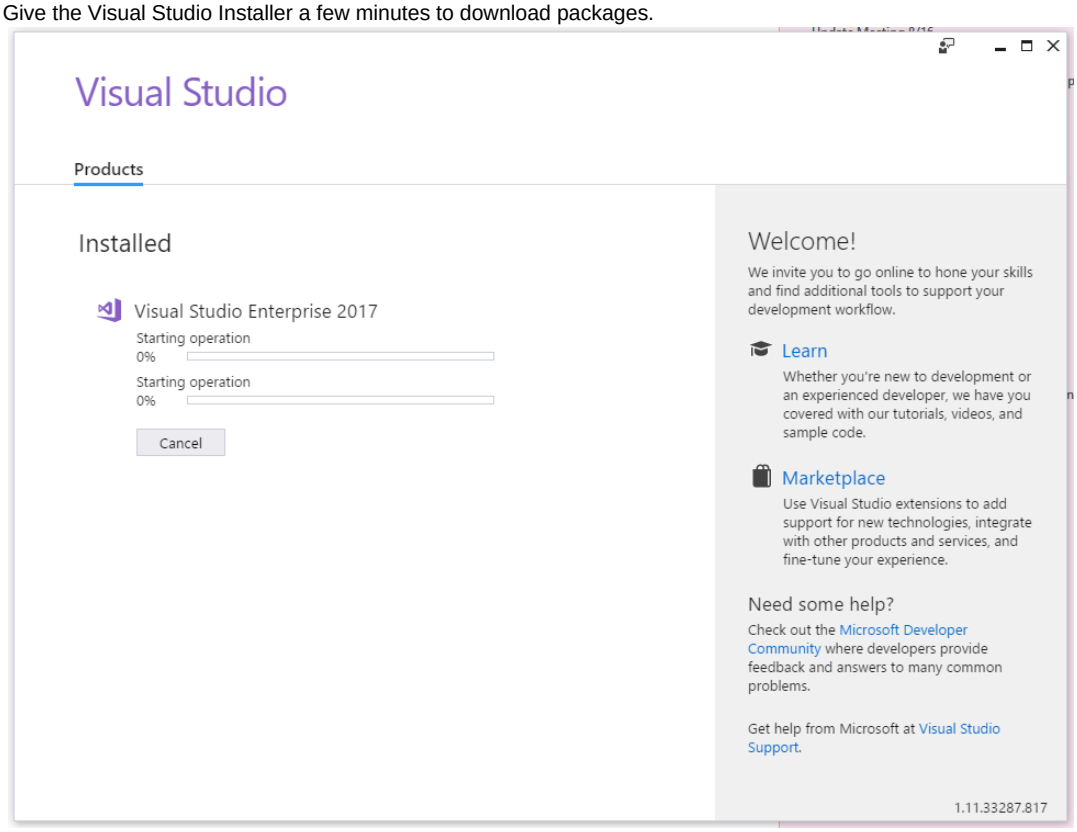
4. Continue



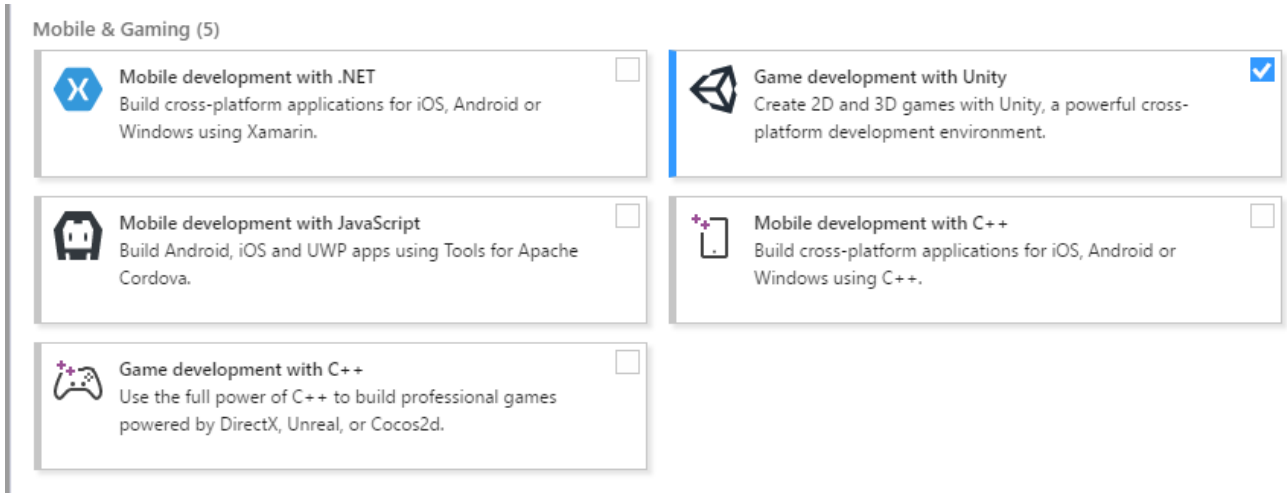
5. Click Update



6. Give the Visual Studio Installer a few minutes to download packages.



7. At some point you should see a component selection page. Check the 'Game development with Unity' component under Mobile & Gaming section.



8. Continue.
9.