



VADSTI 2.0

Setting The Working Environment For Mac

HOWARD
UNIVERSITY

Learning Objectives

- Install Git on Mac
- Install Anaconda on Mac

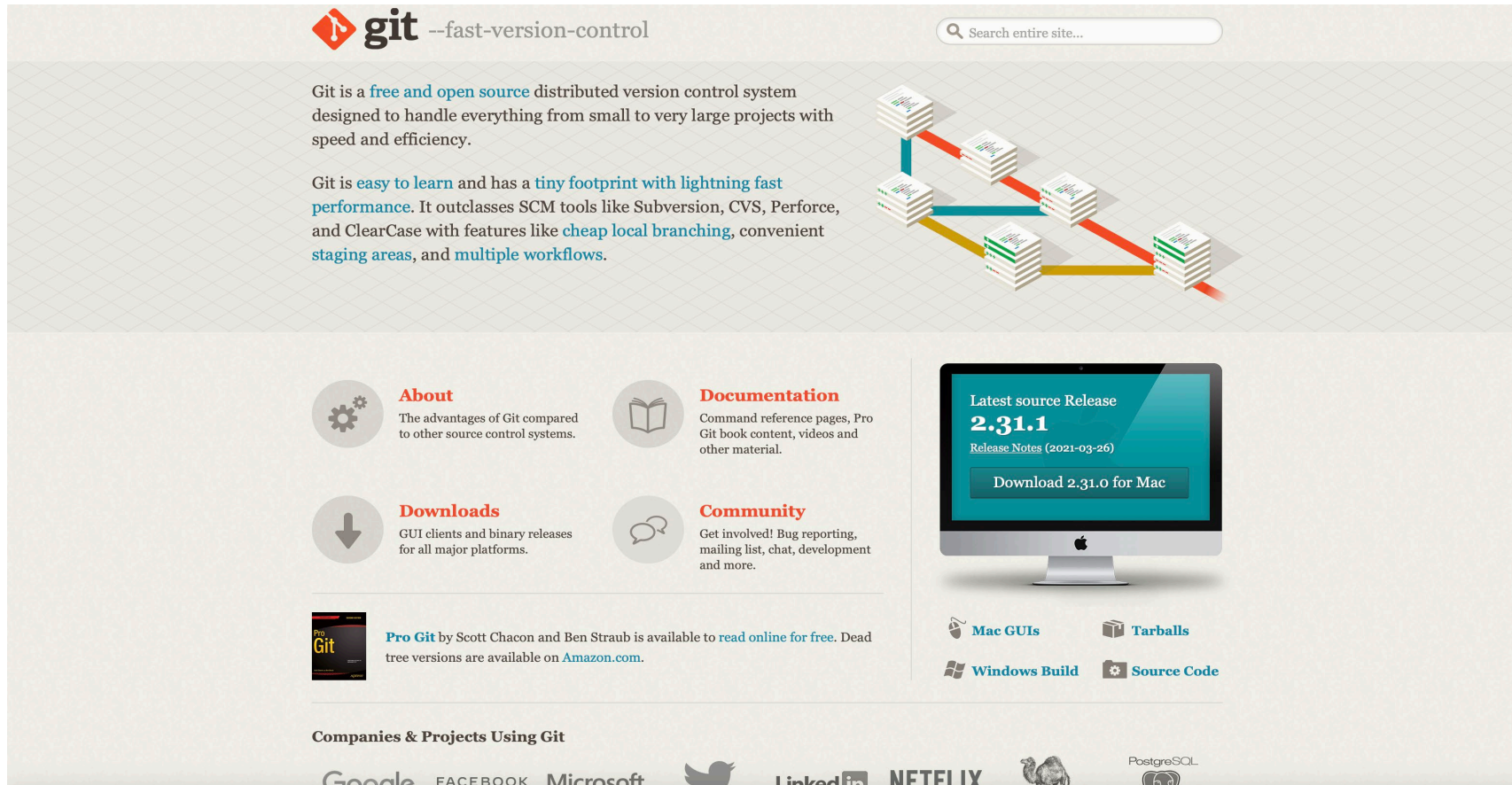
- # Installing Git On Mac

Click or Copy and Past The Link Below

"**Git** is a free and open-source distributed version control system designed to handle everything from small to very large projects with speed and efficiency".

<https://git-scm.com>

Choose Your Operating System



The screenshot shows the Git website homepage. At the top, the Git logo is followed by the tagline "--fast-version-control". A search bar is located in the top right corner. The main content area features a description of Git as a "free and open source" distributed version control system, highlighting its speed and efficiency. It also mentions that Git is "easy to learn" and has a "tiny footprint with lightning fast performance", comparing it favorably to other SCM tools like Subversion, CVS, Perforce, and ClearCase. A diagram on the right illustrates a branching model with multiple stacks of code connected by colored lines. Below this, there are four circular icons with corresponding text: "About" (advantages of Git), "Documentation" (command reference, Pro Git book, etc.), "Downloads" (GUI clients, binary releases), and "Community" (bug reporting, mailing list, etc.). To the right of these icons is a section for the "Latest source Release 2.31.1" with a "Download 2.31.0 for Mac" button. Below the icons, there is a section for "Pro Git" by Scott Chacon and Ben Straub, available for free online or on Amazon. At the bottom, there are links for "Mac GUIs", "Tarballs", "Windows Build", and "Source Code". The footer section, titled "Companies & Projects Using Git", lists logos for Google, Facebook, Microsoft, Twitter, LinkedIn, Netflix, a camel (likely MongoDB), and PostgreSQL.

git --fast-version-control

Search entire site...

Git is a **free and open source** distributed version control system designed to handle everything from small to very large projects with speed and efficiency.

Git is **easy to learn** and has a **tiny footprint with lightning fast performance**. It outclasses SCM tools like Subversion, CVS, Perforce, and ClearCase with features like **cheap local branching**, convenient **staging areas**, and **multiple workflows**.

About
The advantages of Git compared to other source control systems.

Documentation
Command reference pages, Pro Git book content, videos and other material.

Downloads
GUI clients and binary releases for all major platforms.

Community
Get involved! Bug reporting, mailing list, chat, development and more.

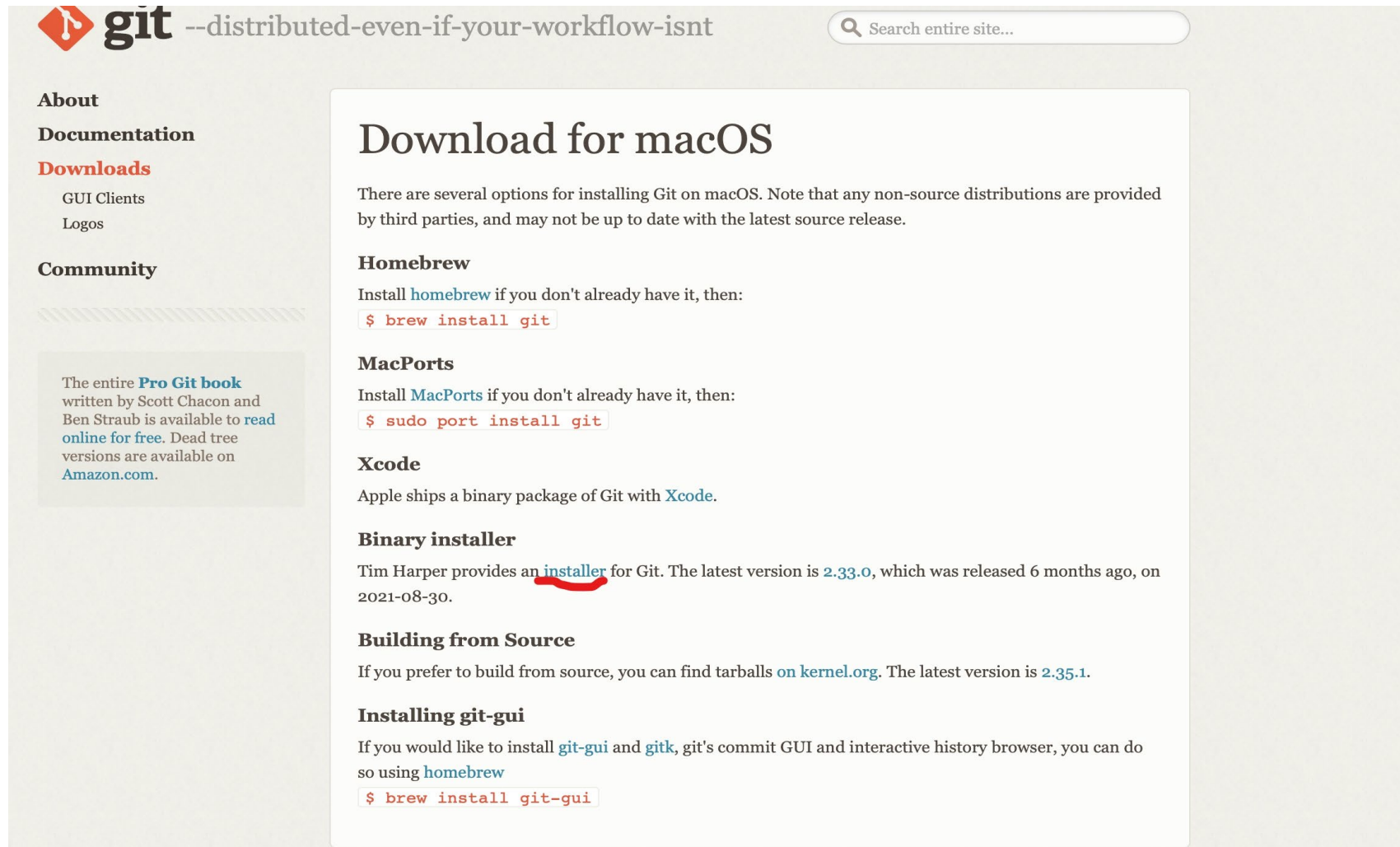
Latest source Release
2.31.1
Release Notes (2021-03-26)
Download 2.31.0 for Mac

Pro Git by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Mac GUIs **Tarballs**
Windows Build **Source Code**

Companies & Projects Using Git
Google Facebook Microsoft Twitter LinkedIn NETFLIX PostgreSQL

Click on Installer from Binary Installer



git --distributed-even-if-your-workflow-isnt

Search entire site...

About
Documentation
Downloads
GUI Clients
Logos
Community

The entire **Pro Git book** written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Download for macOS

There are several options for installing Git on macOS. Note that any non-source distributions are provided by third parties, and may not be up to date with the latest source release.

Homebrew

Install [homebrew](#) if you don't already have it, then:

```
$ brew install git
```

MacPorts

Install [MacPorts](#) if you don't already have it, then:

```
$ sudo port install git
```

Xcode

Apple ships a binary package of Git with [Xcode](#).

Binary installer

Tim Harper provides an [installer](#) for Git. The latest version is [2.33.0](#), which was released 6 months ago, on 2021-08-30.

Building from Source

If you prefer to build from source, you can find tarballs [on kernel.org](#). The latest version is [2.35.1](#).

Installing git-gui

If you would like to install [git-gui](#) and [gitk](#), git's commit GUI and interactive history browser, you can do so using [homebrew](#)

```
$ brew install git-gui
```


Click on Download

Home / Browse / git-osx-installer



git-osx-installer

The official stand-alone installer for Git on OS X
Brought to you by: [timcharper](#)

★★★★☆ 14 Reviews Downloads: 8,108 This Week Last

 **Download** Get Updates Share This

Summary Files Reviews Support

This is the official stand-alone installer for Git on OS X.

Report issues here: https://github.com/timcharper/git_osx_installer/issues 

See the build scripts here:
https://github.com/timcharper/git_osx_installer 

Waiting for sourceforge.net

From Downloads, lick On Orange Box, Click on Continue, and Install



git-2.15.0-intel-universal-
mavericks.pkg

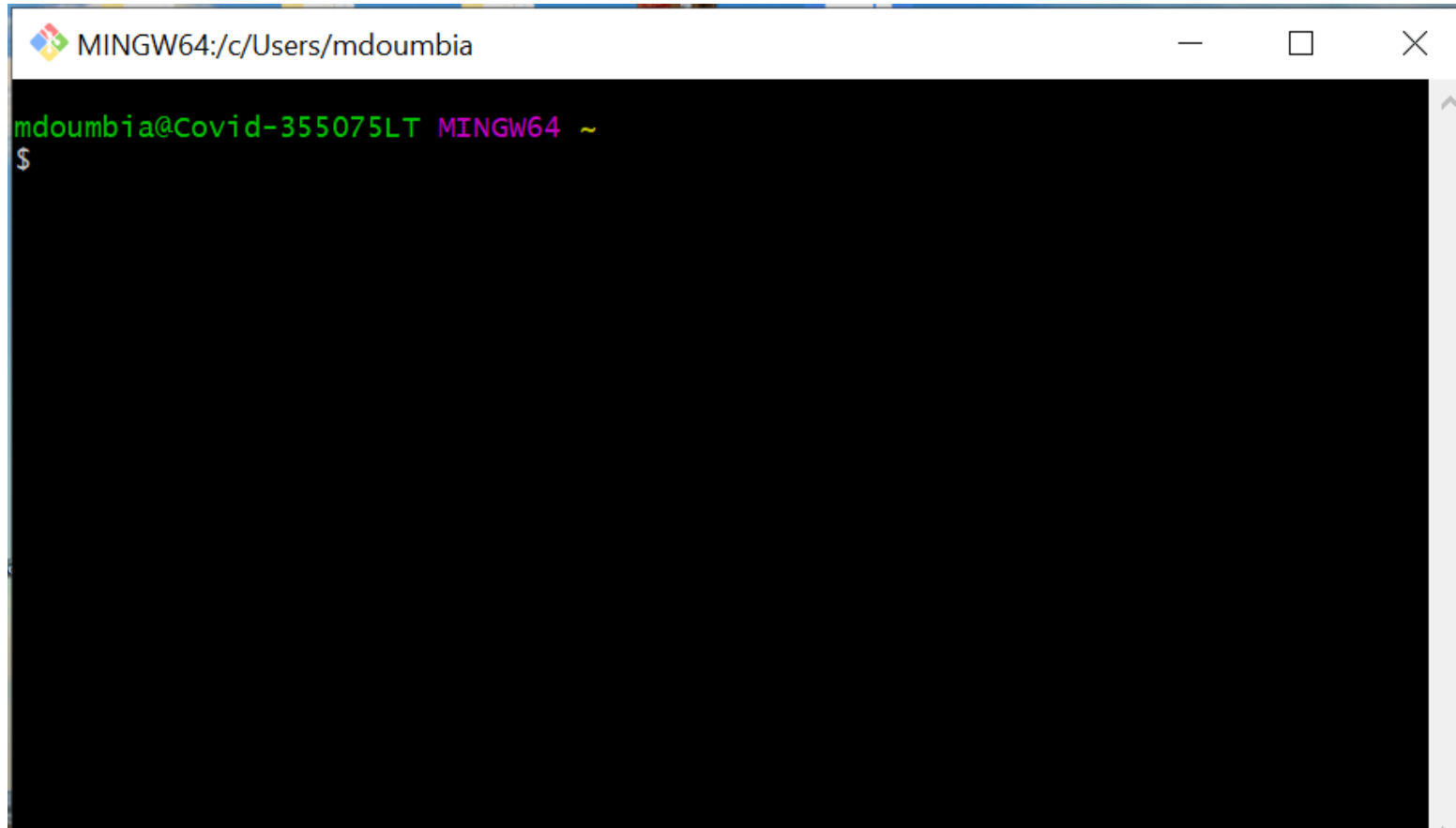


README.txt



VERSION-2.15.0-universal-
mavericks

Open Git



```
MINGW64:/c/Users/mdoumbia
mdoumbia@Covid-355075LT MINGW64 ~
$
```


Configure Username and Email

- `git config --global user.name "Your name"`
- `git config --global user.email "Your email"`
- `. git config --list`

to confirm your changes (You should see your username and email)

Basic Git Commands

- <https://www.guru99.com/linux-commands-cheat-sheet.html>
- `cd` → Change Directory
- `cd ..` → Move level up
- `ls` → Lists all files and directories in the present working directory
- `pwd` → Prime Working Directory (**Your Current Working Directory**)

- Installing Python Via Anaconda

Click or copy and paste the link below
and follow the instructions

www.anaconda.com/download

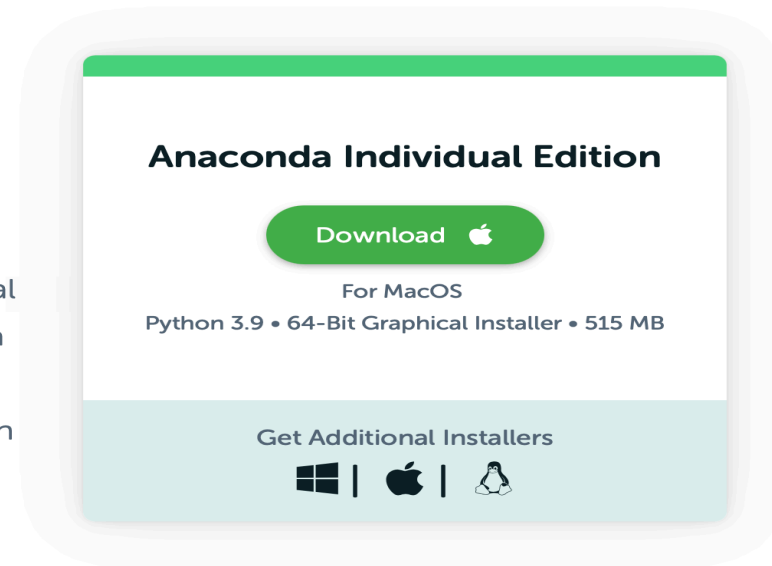
Choose your operating system

[Products](#) ▾[Pricing](#)[Solutions](#) ▾[Resources](#) ▾[Partners](#) ▾[Blog](#)[Company](#) ▾[Get Started](#)

Individual Edition

Your data science toolkit

With over 25 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine. Developed for solo practitioners, it is the toolkit that equips you to work with thousands of open-source packages and libraries.



Click on the orange box from the downloads



Products ▾

Pricing

Solutions ▾

Resources ▾

Anaconda3-2021.11-MacOSX-x86_64.pkg
540.2 MB



Get Started

Anaconda3-2021.11-MacOSX-x86_64.pkg
540.2 MB



Individual Edition

Your data science toolkit

With over 25 million users worldwide, the open-source Individual Edition (Distribution) is the easiest way to perform Python/R data science and machine learning on a single machine. Developed for solo practitioners, it is the toolkit that equips you to work with thousands of open-source packages and libraries.

Anaconda Individual Edition

Download 

For MacOS

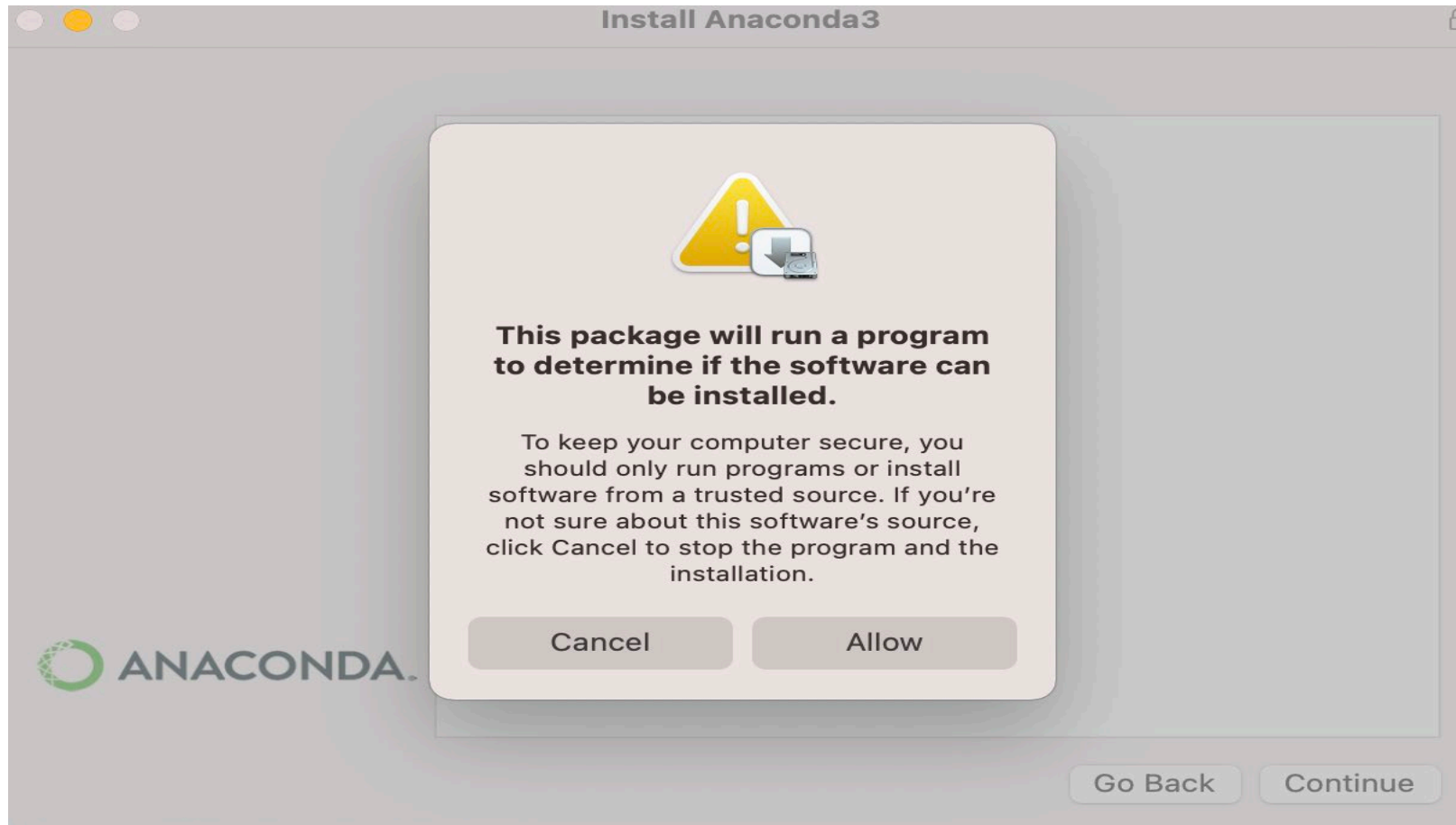
Python 3.9 • 64-Bit Graphical Installer • 515 MB

Get Additional Installers

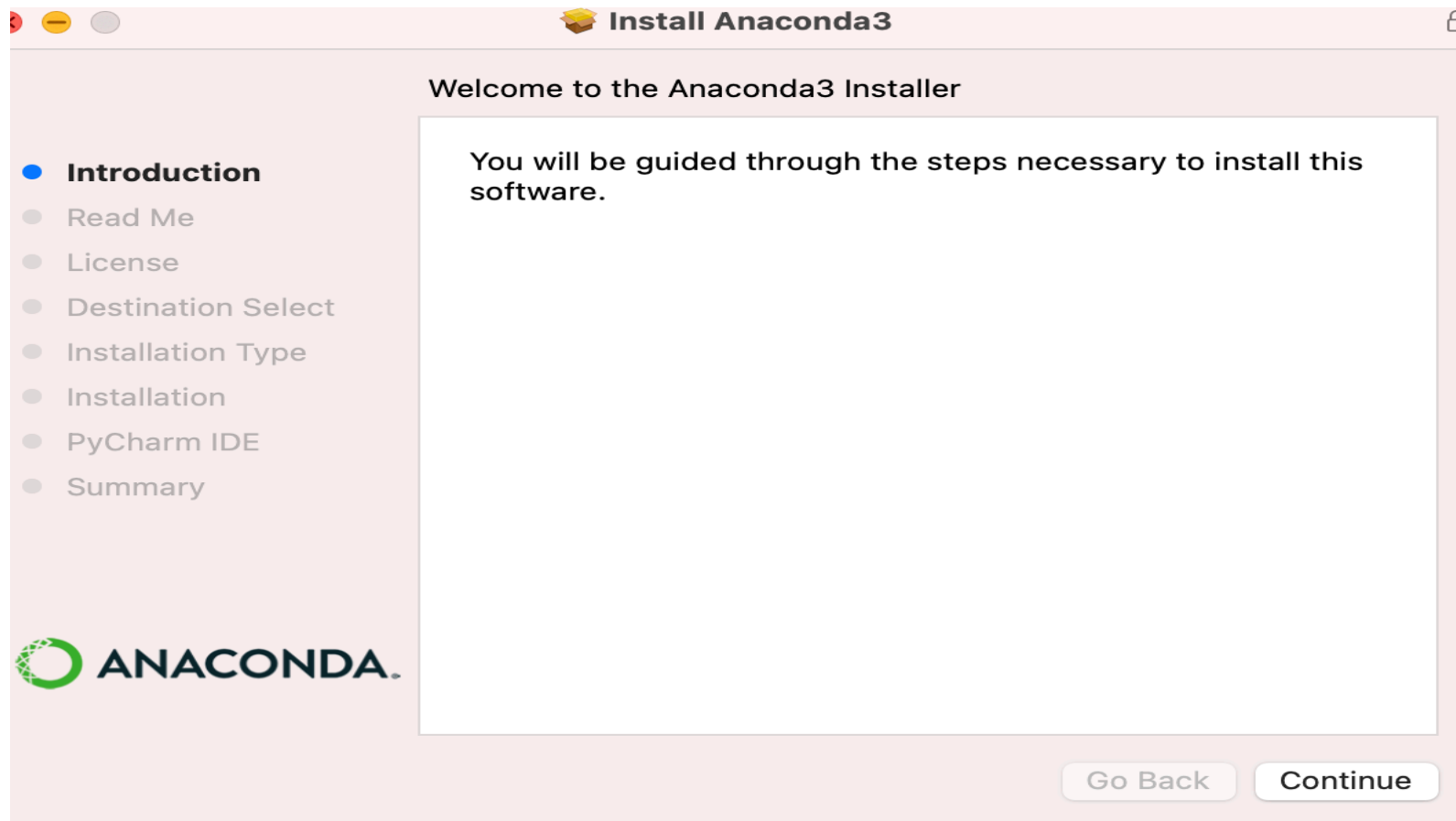


HOWARD
UNIVERSITY

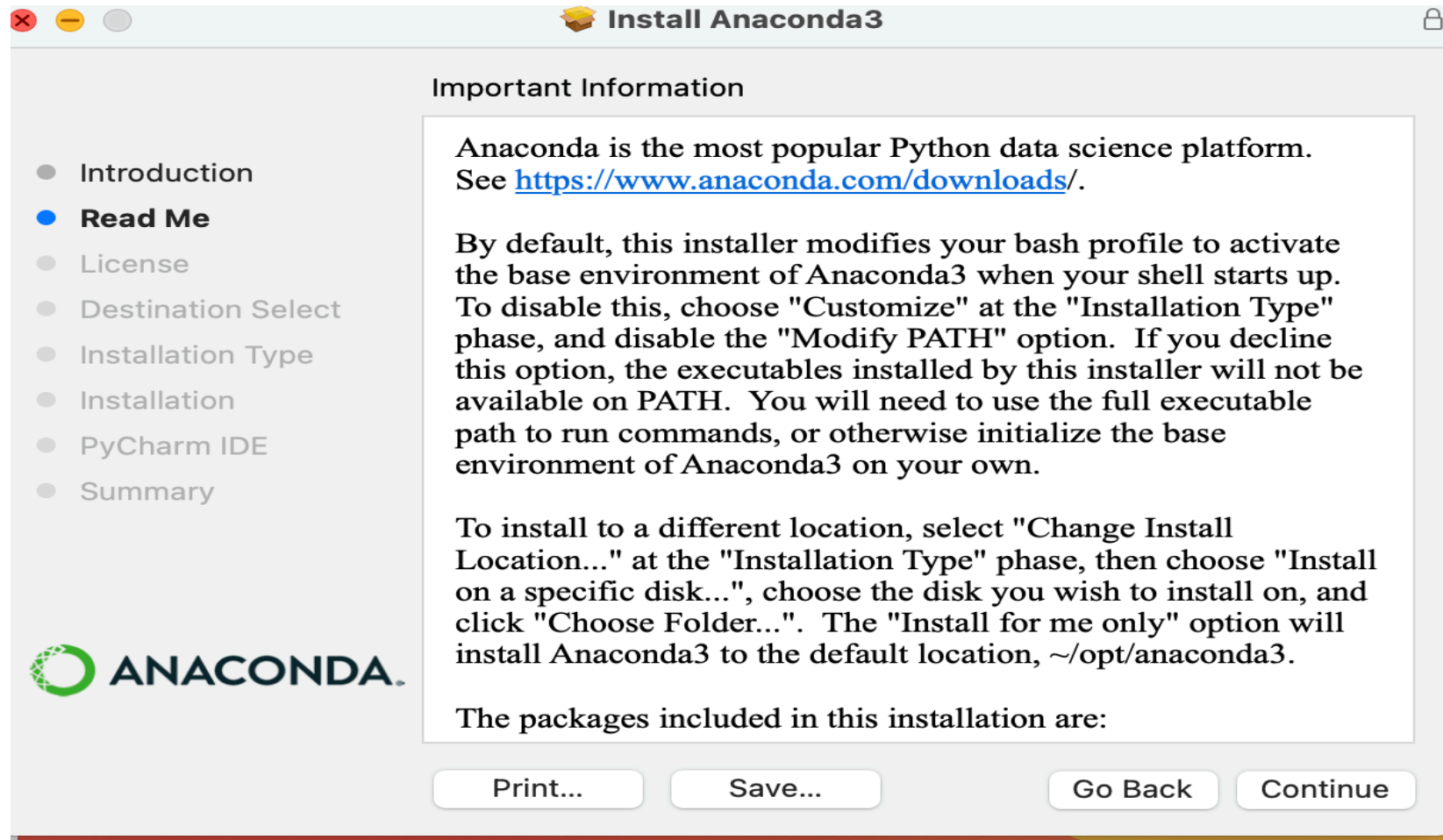
Click on allow



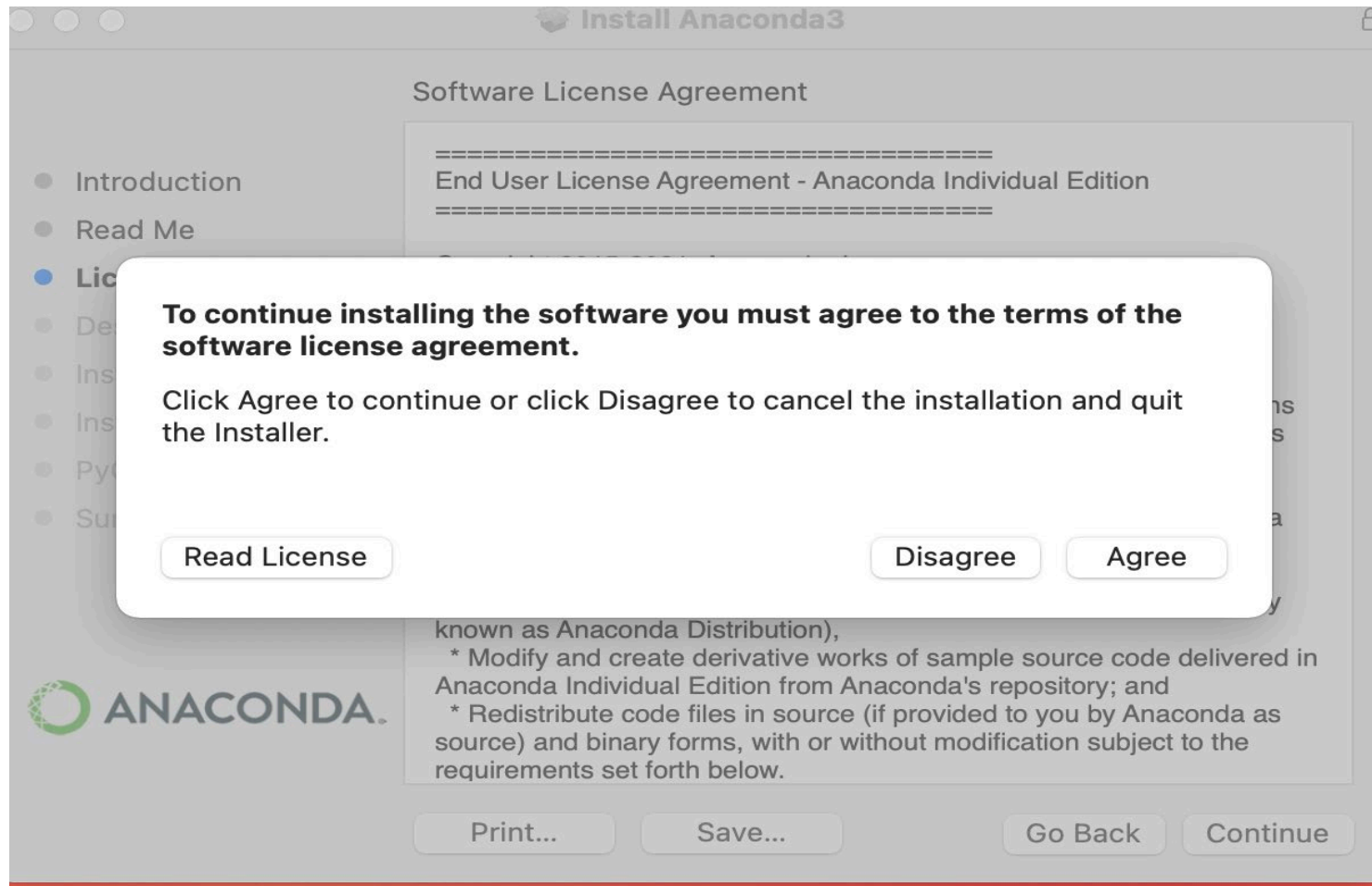
Click on continue



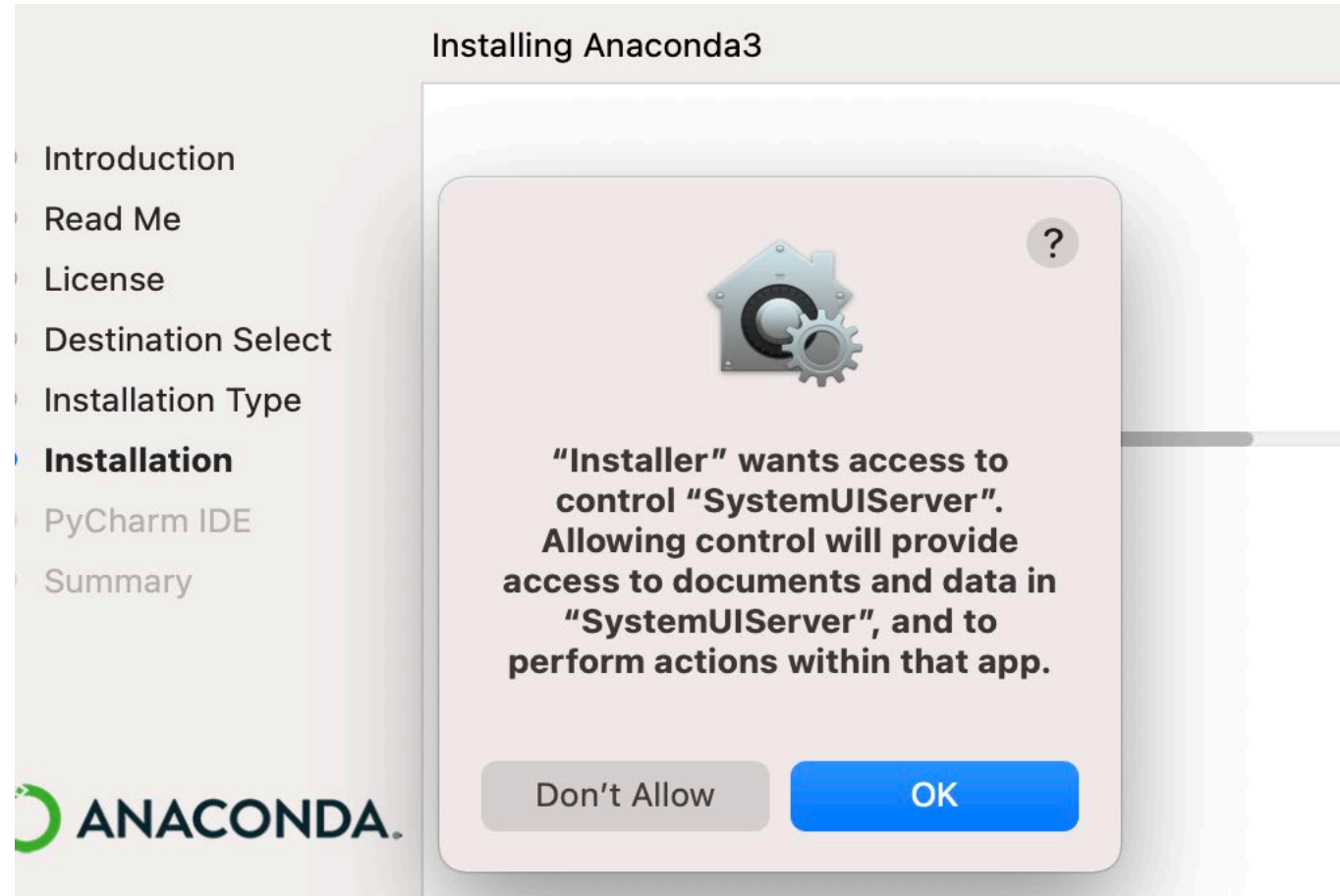
Click on continue



Click on agree and install



Click on Ok and allow the installation





HOWARD
UNIVERSITY