



The first thing you need to do is to choose between Octave and MATLAB. I cannot do that choice for you and besides you cannot fore change your mind or use the two depending on the circumstances. You can discuss with your colleagues or search the internet.

Notes

Summary

0m 04s



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Logiciels professionnels

Dernière modification 01.06.2015

Poséidon ne s'occupe pas de l'installation des logiciels professionnels. Pour les **étudiants de l'EPFL uniquement**, il existe des exceptions à cette règle :

Logiciels payants, offert aux étudiants EPFL et supporté par Poséidon

• Mathematica

Mathematica est disponible sur cette page : <http://soft-epfl.epfl.ch/students/mathematica> (environ 1Go).

• Matlab

Matlab est disponible sur cette page : <http://soft-epfl.epfl.ch/students/matlab> (environ 2Go).

Cette édition **MATLAB & Simulink Standard Version** est disponible pour les systèmes d'exploitation Linux (64bits), Mac OS X (64 bits) et Windows (32 et 64 bits) et comprend 14 toolboxes (15 sur Windows) à savoir :

Simulink	Optimization Toolbox
Bioinformatics Toolbox	Signal Processing Toolbox
Control System Toolbox	SimMechanics
Curve Fitting Toolbox	SimScape
DSP System Toolbox	Stateflow
Data Acquisition Toolbox (Windows only)	Statistics Toolbox
Image Processing Toolbox	Symbolic Math Toolbox
Instrument Control Toolbox	Parallel Computing (depuis R2013a)
Simulink Control Design (depuis R2013a)	

Les utilisateurs de l'EPFL peuvent bénéficier du support technique de MathWorks. Les informations expliquant comment contacter l'équipe du support technique et comment envoyer une demande se trouvent sur le site de MathWorks :

Logiciels libres

Logiciels Microsoft

Logiciels professionnels

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Q

CONTACTS

Svp, utilisez l'email de votre école pour nous écrire

EPFL

Helpdesk MA A0 388 lun-ven : 10h-17h
+41 21 693 22 62
e-mail
Helpdesk RLC lun-ven : 11h-20h

UNIL

Helpdesk Amphimax lun-ven : 8h-17h
+41 21 692 22 11
e-mail

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Contact HES-SO

UniNE

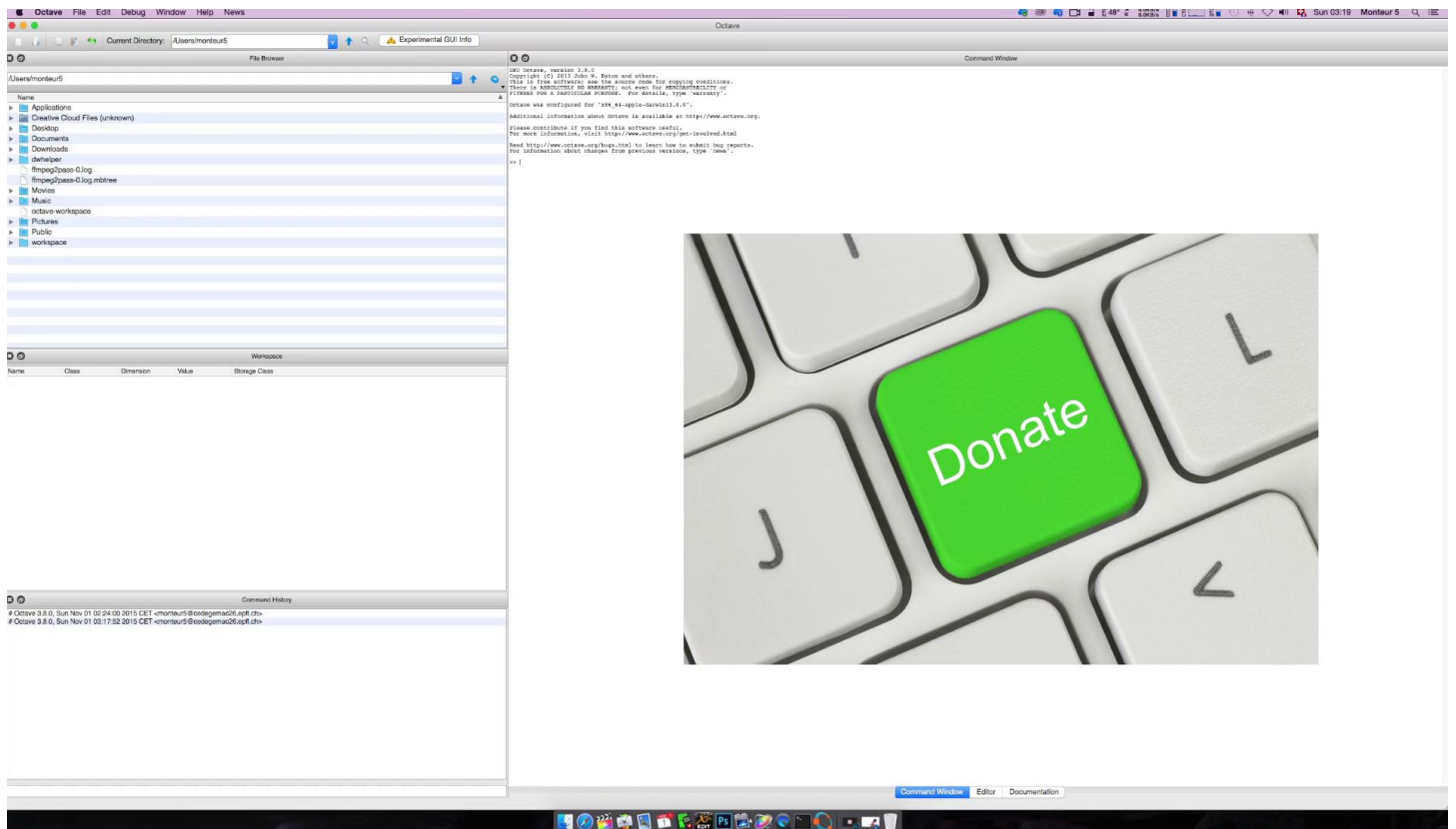
Contacter le support

You can buy it or if you are a student or employer of EPFL, get a version with the campus license.

Notes

Summary





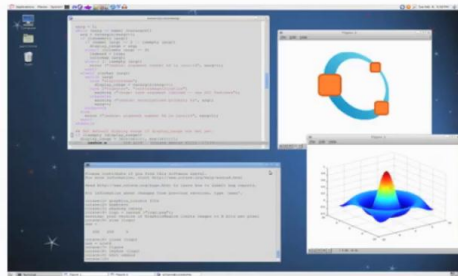
Octave is a free software distributed on the GPL. The developers make it available to the community but free doesn't mean it does nothing. That's why developers ask it's users to donate.

Notes

Summary



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GNU Octave is a high-level interpreted language, primarily intended for numerical computations. It provides capabilities for the numerical solution of linear and nonlinear problems, and for performing other numerical experiments. It also provides extensive graphics capabilities for data visualization and manipulation. Octave is normally used through its interactive command line interface, but it can also be used to write non-interactive programs. The Octave language is quite similar to Matlab so that most programs are easily portable.

Octave is distributed under the terms of the [GNU General Public License](#).

May 29, 2015 — Octave 4.0.0 Released

Version 4.0.0 has been released and is now available for [download](#). Octave 4.0 is a major new release with many new features, including a graphical user interface, support for `classdef` object-oriented programming, better compatibility with Matlab, and many new and improved functions.

An official Windows binary installer is also available from http://ftp.gnu.org/gnu/octave/windows/octave-4.0.0_0-installer.exe

A list of important user-visible changes is available at <http://octave.org/NEWS-4.0.html>, by selecting the Release Notes item in the News menu of the GUI, or by typing `news` at the Octave command prompt.

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Bitcoin donations also accepted at this address:
1E8hNBMX1EJGQ3UznuF5VYK552E1HF

Like that, Octave in my search so it is the Octave page free installation I need to go to download.

Notes

Summary



Download GNU Octave



GNU Octave 4.0.0 was released May 29, 2015. Please read the [announcement](#) on the front page of the Octave web site.

GNU/Linux systems

Executable versions of Octave for GNU/Linux systems are provided by the individual distributions. Distributions known to package Octave include: [Debian](#), [Fedora](#), [Gentoo](#), and [SuSE](#). These packages are created by volunteers. The delay between an Octave source release and the availability of a package for a particular GNU/Linux distribution varies. The Octave project has no control over that process.

BSD systems

Executable versions of Octave for BSD systems are provided by the individual distributions. Both [FreeBSD](#) and [OpenBSD](#) have Octave packages. These packages are created by volunteers. The delay between an Octave source release and the availability of a package for a particular GNU/Linux distribution varies. The Octave project has no control over that process.

OS X

The Wiki has some instructions for [installing Octave on OS X systems](#).

Windows

Windows binaries with corresponding source code can be downloaded from <https://ftp.gnu.org/gnu/octave/windows/>

Sources

The latest released version of Octave is always available from <ftp://ftp.gnu.org/gnu/octave>.

If you are interested in working with the latest version of the Octave sources, check out the [resources for developers](#).

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1E8hGzBMX1EJGQ5UuFvYVYK52E1HF

As you see there is LINUX BSD, OS X and Windows.

Notes

Summary



navigation

- Main page
- Community portal
- Current events
- Recent changes
- Package list
- Index
- Random page
- Help

search

Search

Go

Search

tools

- What links here
- Related changes
- Special pages
- Printable version
- Permanent link
- Page information

wiki.octave.org

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Octave for MacOS X

GNU Octave is primarily developed on GNU/Linux and other POSIX conformant systems. GNU Octave for Mac OS X is readily available using [package managers](#) such as [Fink](#), [MacPorts](#), and [Homebrew](#).

About version numbers (as of January 2014):

- The 3.8.x are current releases.
- The 3.6.x are previous releases.
- The 3.4.x are very old releases.

Contents [hide]

1 Octave server VM installer for OSX 10.10 Yosemite

2 Binary installer for OSX 10.9.1

3 Manual Installation from Source

4 Package Managers

4.1 XCode Dependency

4.2 Fink

4.2.1 Simple Installation Instructions

4.3 MacPorts

4.3.1 Simple Installation Instructions

4.4 Homebrew

4.4.1 Simple Installation Instructions

4.4.2 Using Aquaterrm with Gnuplot

5 Create a launcher app with AppleScript

6 Installing a Mac OS X Bundle

Octave server VM installer for OSX 10.10 Yosemite

Configuration files that cause Vagrant to automatically download and configure an Octave server VM under OS X including 10.10 Yosemite. The install process pulls down the latest stable Linux version of Octave at the time of run headless, and display the Octave GUI and graphics on the host via the Mac's native X-windows server. The recommended configuration ensures that by default user files written by the GUI are in a folder shared with the Mac shared folder.

Binary installer for OSX 10.9.1

A [binary installer](#) for Mavericks can be found on Octave Forge.

This installer will install all binaries for GNU Octave 3.8.0 itself and its dependencies under

```
/usr/local/octave/3.8.0
```


And will create two entries in the Applications folder

We are interested on i6. There are various possibilities the new and fairly easy is the binary installation.

Notes

Summary

1m 00s



sourceforge


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Octave-Forge

A collection of packages providing extra functionality for GNU Octave

Brought to you by: [adb014](#), [carandraug](#), [hauberg](#)

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Looking for the latest version? [Download optim-1.3.0.tar.gz \(193.7 kB\)](#)

[Home](#) / [Oct](#) / ... / 2013-12-30 binary installer of Octave 3.8.0 for OSX 10.9.1 (beta)

Name	Modified	Size	Downloads / Week
Parent folder			
README.txt	2014-01-05	3.0 kB	37
GNU_Octave_3.8.0-6.dmg	2014-01-02	682.4 MB	1,034
Totals: 2 Items		682.4 MB	1,071


How to install.


You may need to override Gatekeeper to allow installation of GNU Octave 3.8.0 on OSX 10.9 (Mavericks). You may find instructions about how to do this on this page: <http://support.apple.com/kb/ht5290> in the section labeled "How to open an app from a unidentified developer and exempt it from Gatekeeper".


In short:

- In Finder, Control-click or right click the icon of the app.

Recommended Projects


[AquaTerm \(Mac OS X graphics terminal\)](#)


[FreeMat](#)


[Quite Universal Circuit Simulator](#)

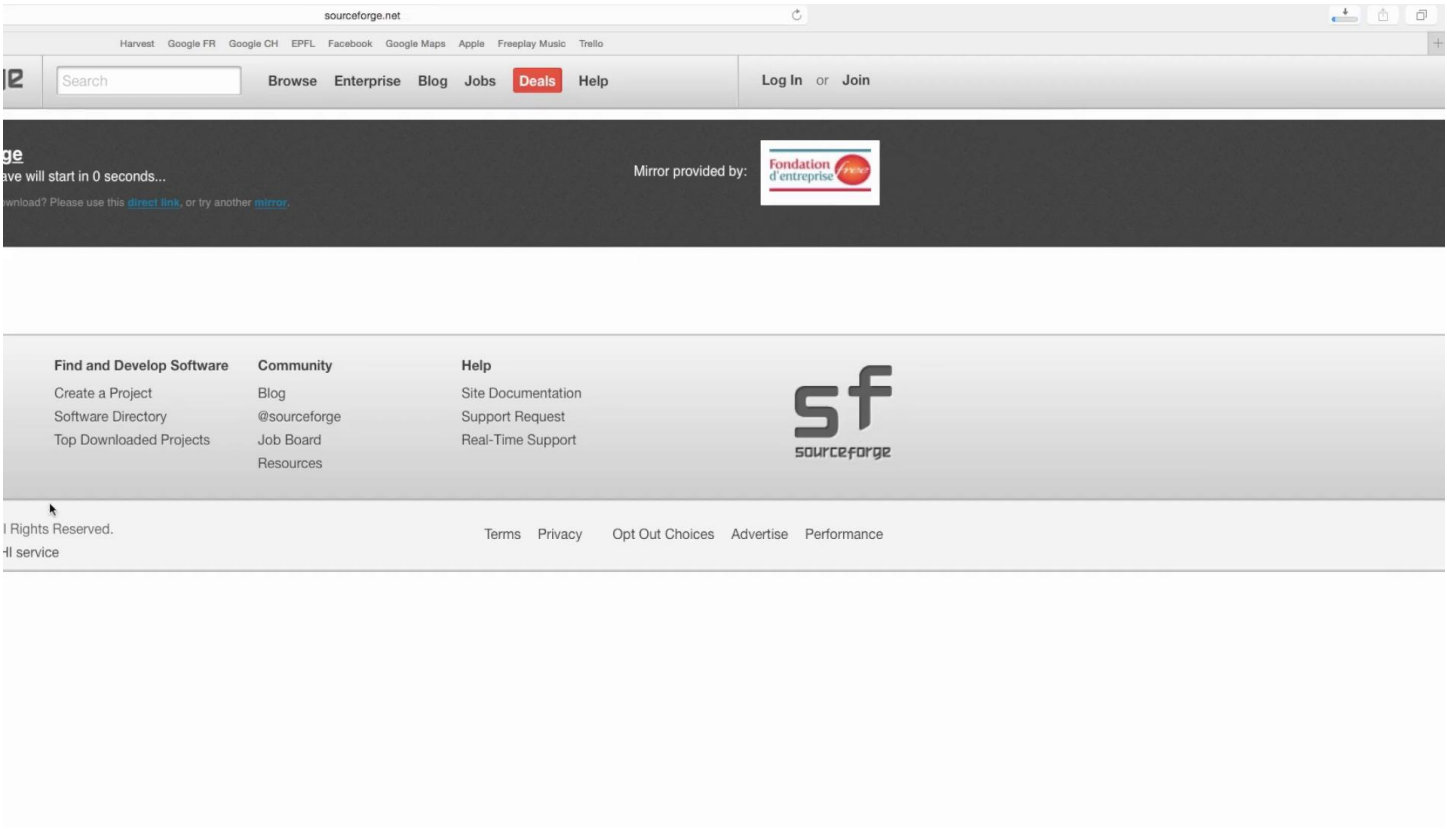
A circuit simulator with graphical user interface (GUI)

You need to download the binary.

Notes

Summary





You start download and you can choose 3.8.0.6 or a new one.

Notes

Summary

1m 16s



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on of packages providing extra functionality for GNU Octave

y by: adb014, carandraug, hauberg

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23 hours ago

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spim-1.3.0.tar.gz

29J'aime14

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central location for the collaborative development of packages for GNU Octave. The kages expand Octave's core functionality by providing field specific features via system. For example, image and signal processing, fuzzy logic, instrument control, ages are examples of individual Octave-Forge packages.

igh-level interpreted language, primarily intended for numerical computations. It es for the numerical solution of linear and nonlinear problems, and for performing periments. It also provides extensive graphics capabilities for data visualization and ve is normally used through its interactive command line interface, but it can also be interactive programs. The Octave language is quite similar to Matlab so that most ly portable.

Site >

ring

Recommended Projects

AquaTerm (Mac OS X graphics terminal)

FreeMat

Quite Universal Circuit Simulator

A circuit simulator with graphical user interface (GUI)

Top Searches

octave

gnu octave

octave portable

circuit simulator

matlab

qucs

octave mac

octave-forge


control

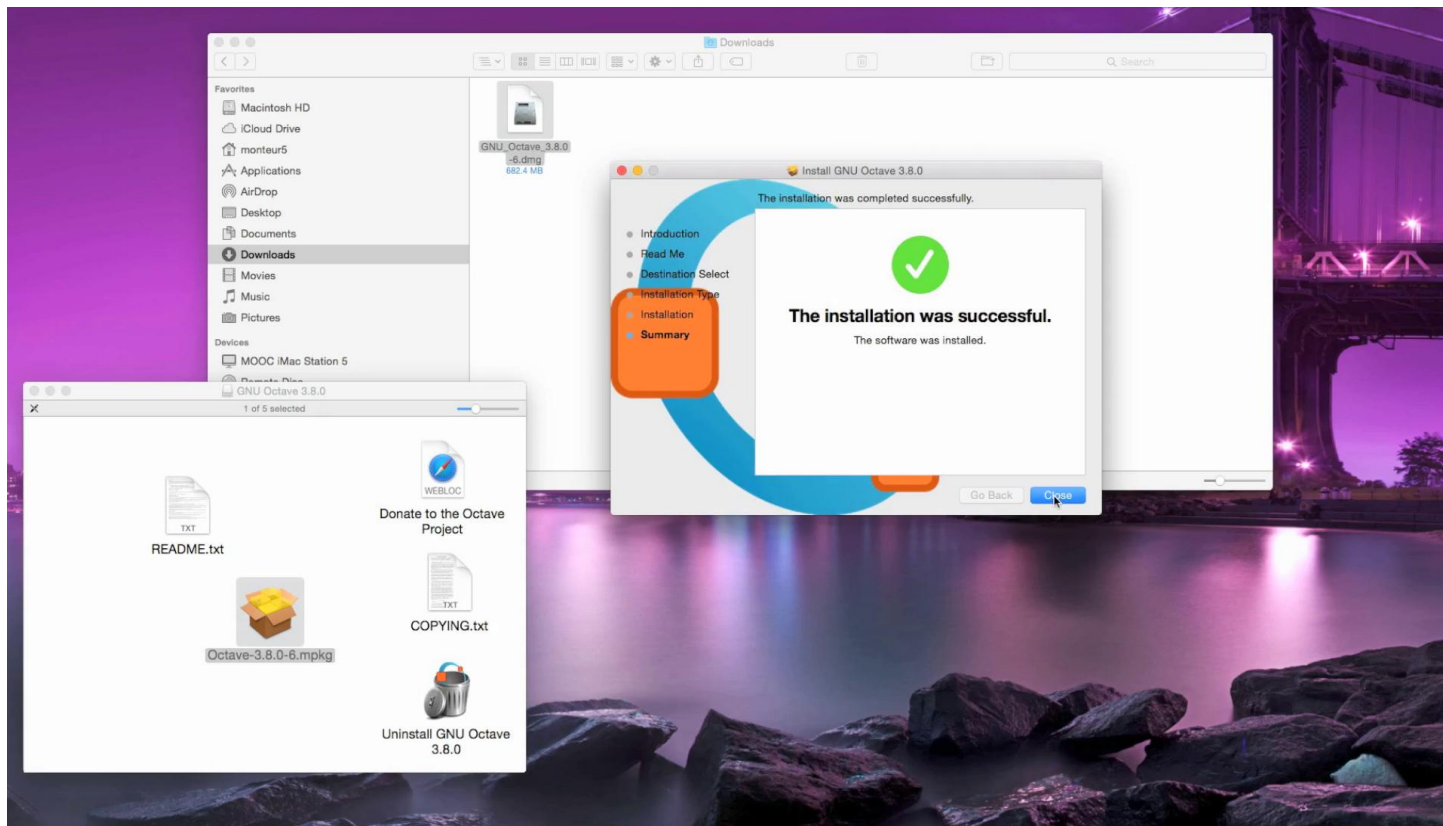
This is the one that we will often use.

Notes

Summary

1m 33s



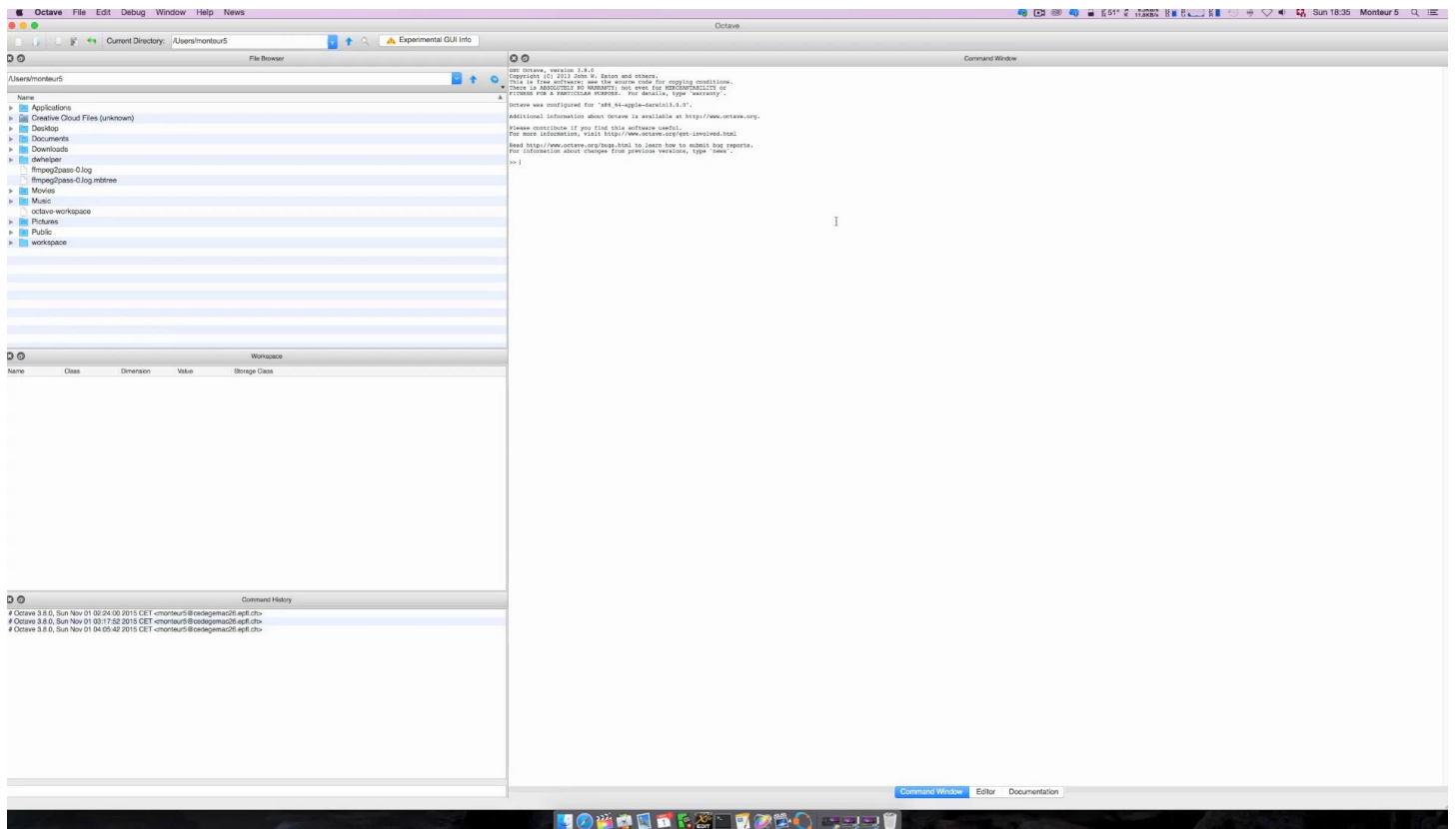


Once the download is finished you can go to the download folder and open the file. so here it is Click twice on the package and then we are ready to install. You need a password of an admin out, of your computer.

Notes

Summary





Are done and Octave is in your applications. Click twice and open and you are ready to start and using Octave.

Notes

Summary



1m 56s