



octave|



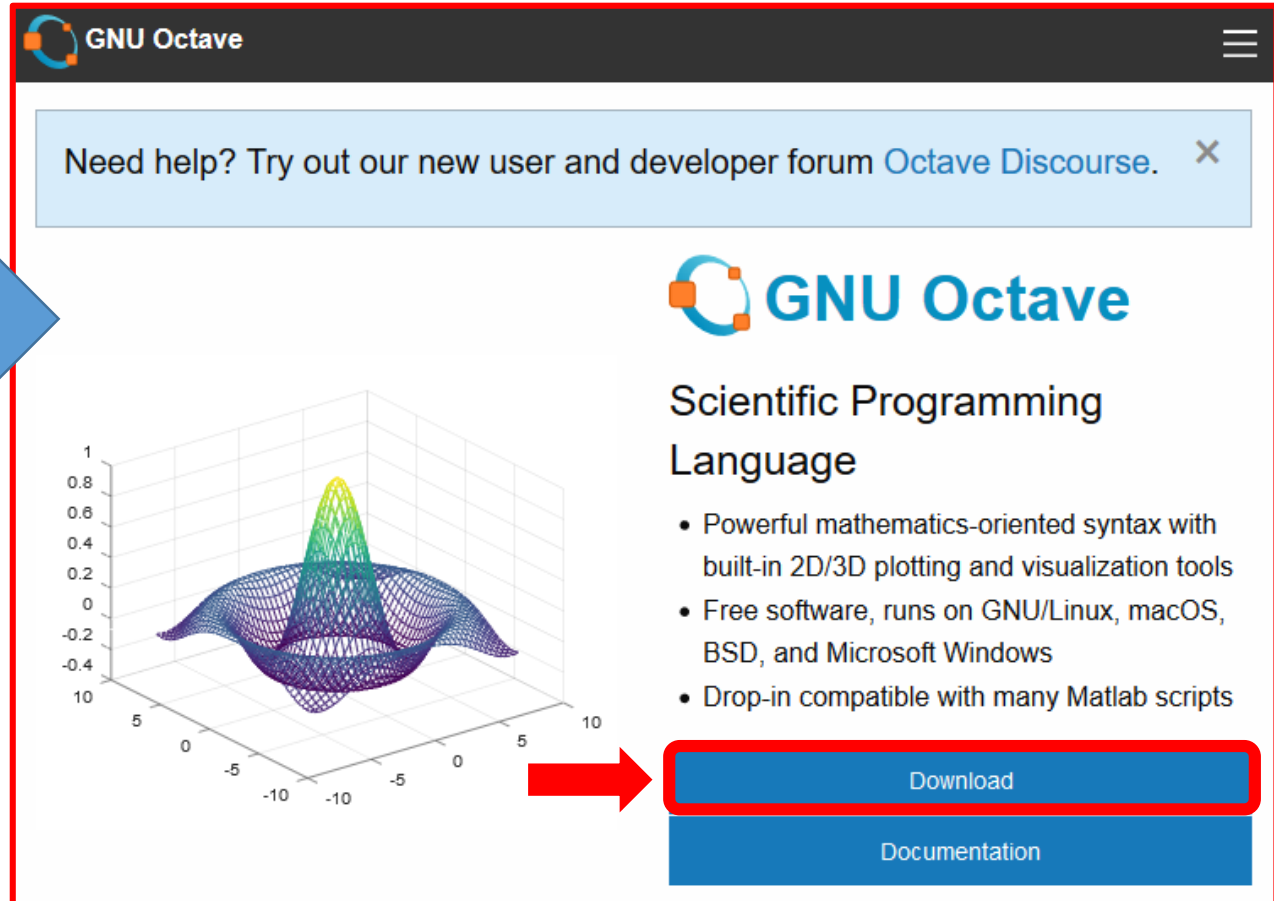
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## GNU Octave

The **Octave** syntax is largely compatible with Matlab. The **Octave** interpreter can be used in interactive mode, as a console, or invoked as part of a shell script.


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- 2) Clic on GNU Octave
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GNU Octave

Need help? Try out our new user and developer forum [Octave Discourse](#).

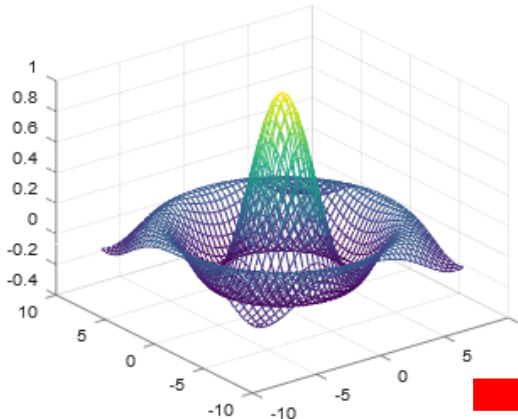


## Scientific Programming Language

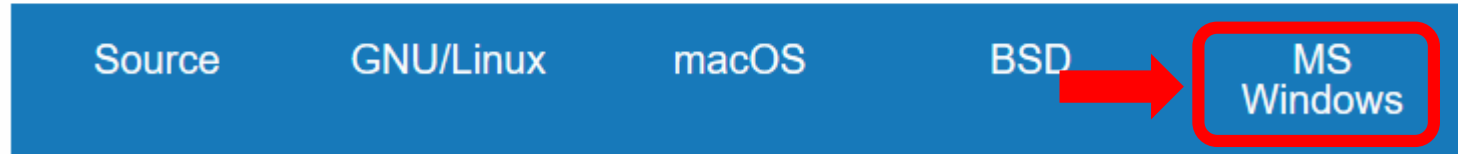
- Powerful mathematics-oriented syntax with built-in 2D/3D plotting and visualization tools
- Free software, runs on GNU/Linux, macOS, BSD, and Microsoft Windows
- Drop-in compatible with many Matlab scripts

[Download](#)

[Documentation](#)



# Download



4) If you are a Windows user, clic on MS Windows  
5) Download and launch the installer



## Microsoft Windows

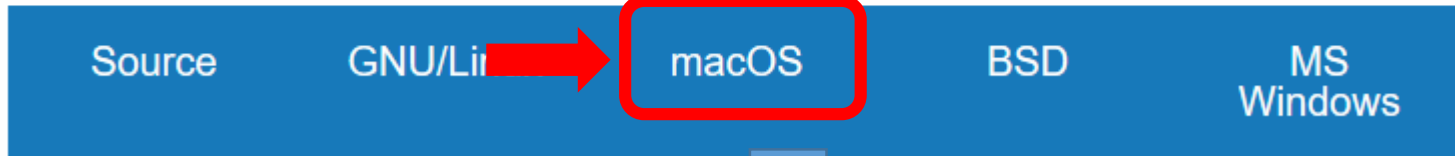


**Note:** All installers below bundle several **Octave Forge packages** so they don't have to be installed separately. After installation type `pkg list` to list them. [Read more.](#)

- Windows-64 (recommended)
  - [octave-5.2.0\\_1-w64-installer.exe \(~ 300 MB\) \[signature\]](#)
  - [octave-5.2.0\\_1-w64.7z \(~ 300 MB\) \[signature\]](#)
  - [octave-5.2.0\\_1-w64.zip \(~ 530 MB\) \[signature\]](#)
- Windows-32 (old computers)
  - [octave-5.2.0\\_1-w32-installer.exe \(~ 275 MB\) \[signature\]](#)
  - [octave-5.2.0\\_1-w32.7z \(~ 258 MB\) \[signature\]](#)
  - [octave-5.2.0\\_1-w32.zip \(~ 447 MB\) \[signature\]](#)

Go Next page for MacOs


# Download



4) If you are a MacOS user, clic on macOS  
5) Clic on « Octave Wiki »



## macOS

 [Octave Wiki](#) has instructions for installing Octave on macOS systems. Octave is also available in third-party package managers such as [Homebrew](#) and [MacPorts](#).

# macOS

# macOS

6) Download either Octave 4.4 or 5.2 Beta and install it (download, double clic, drag & drop the Octave icon in the application folder)  
NB: On my old iMac (2011), Octave 4.4 is very stable but only allow 16bits recordings and Irs. Octave 5.2 Beta works fully but is less stable (freezing).



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## Octave for macOS

GNU Octave is primarily developed on GNU/Linux and other POSIX conformant systems. On macOS systems GNU Octave can be installed

- from a single [dmg-file](#), a macOS App Bundle called "Octave.app" in recent versions, or
- by using a macOS [package manager](#).

**i** GNU Octave 5.2.0 is the current stable release.

### macOS App Bundles [\[edit\]](#)

The [Octave.app project](#) ([GitHub page](#)) provides an unofficial ready-to-use macOS App Bundle installer based on [Homebrew](#) (see below).

- [macOS App Bundle of Octave 5.2.0 Beta \(with GUI\)](#)
- [macOS App Bundle of Octave 4.4.x \(with GUI\)](#)

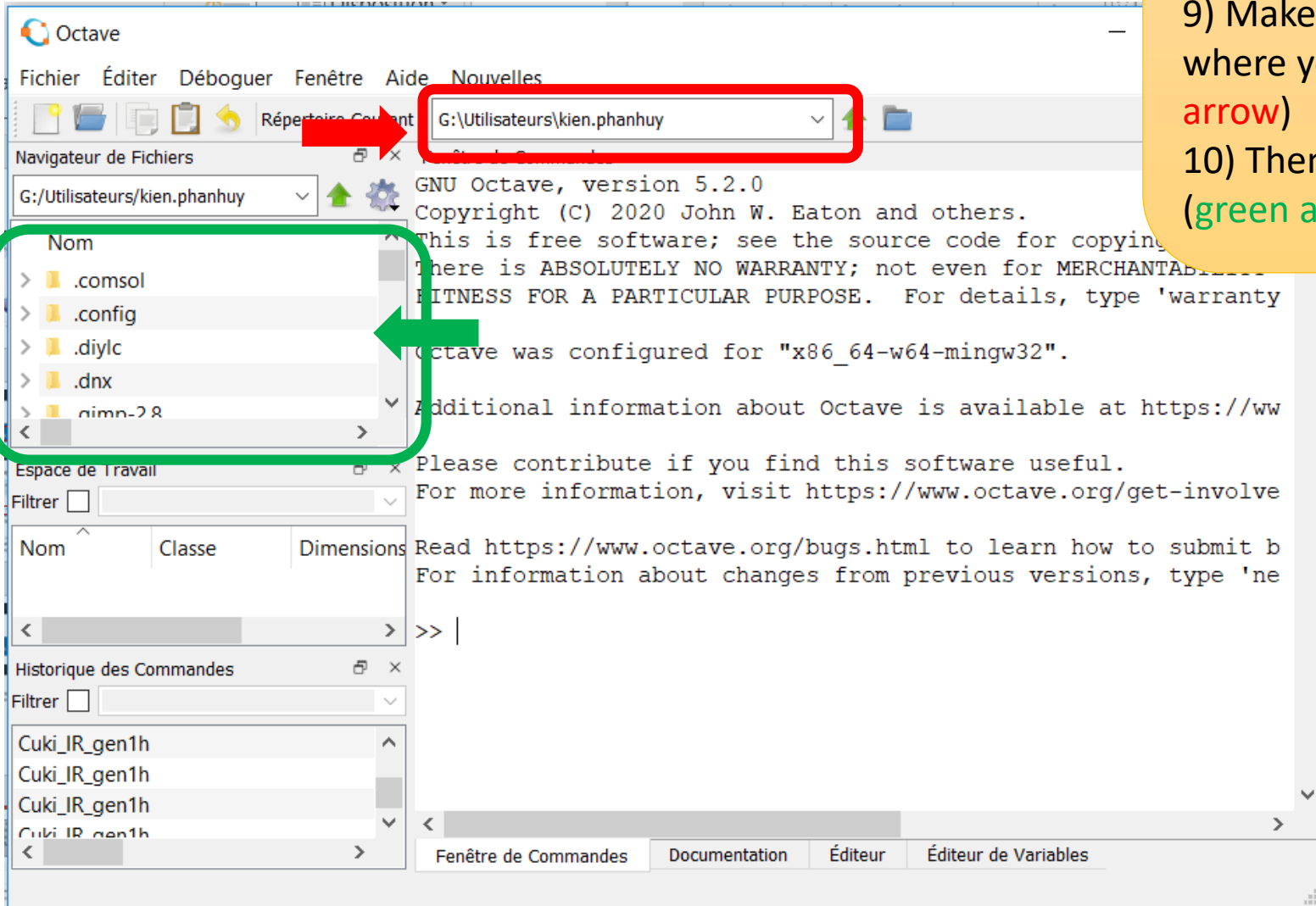
An older installer is hosted on SourceForge.

- [macOS App Bundle of Octave 4.0.3 \(with GUI\) \(OS X 10.9+\)](#)



# macOS

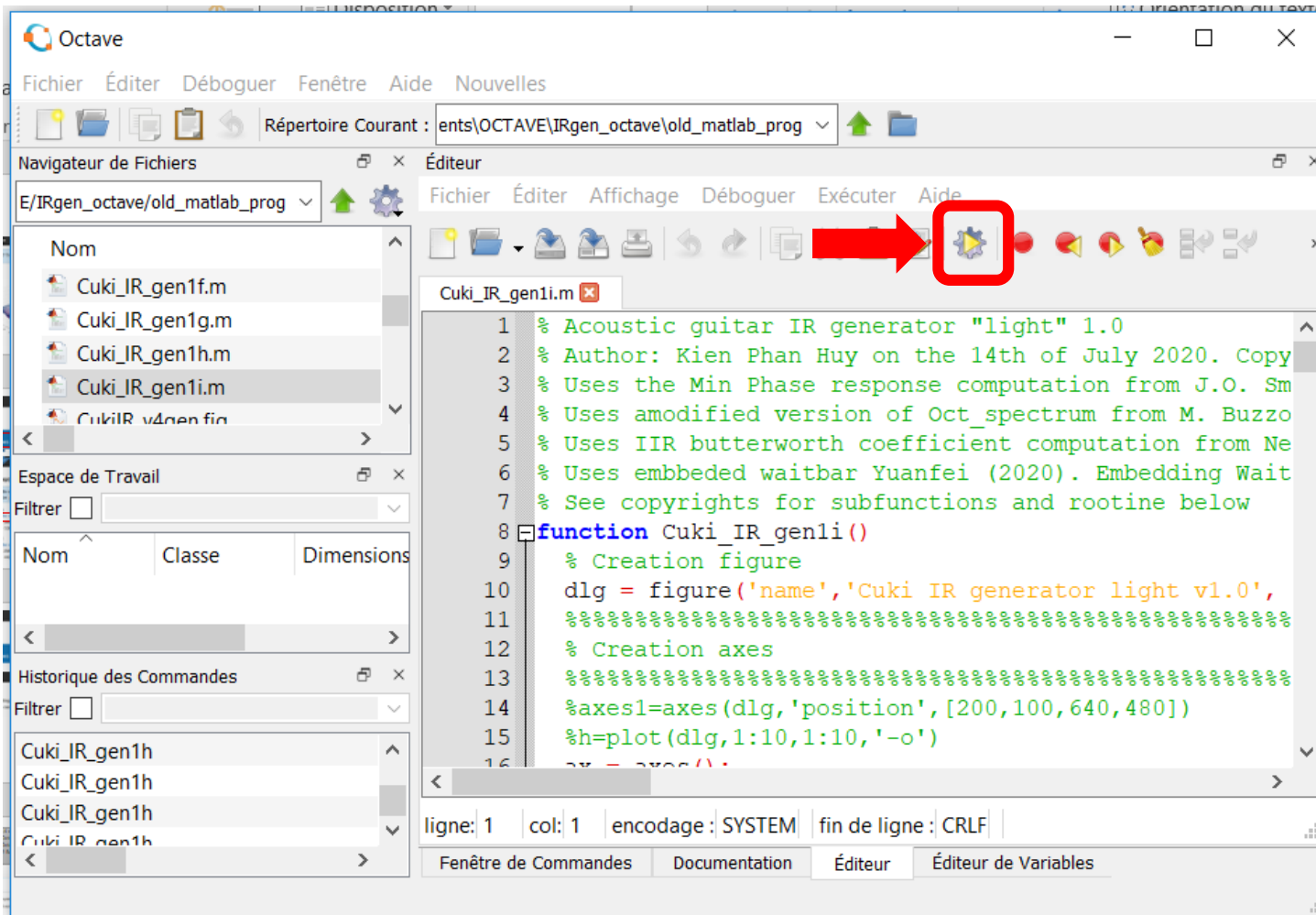
- 7) Download the IR generator program from <http://acousticir.free.fr/>
- 8) Run GNU Octave
- 9) Make sure to choose the working directory where you saved the IR generator program (red arrow)
- 10) Then look for the program in the File Browser (green arrow) and double clic on it.





# macOS

11) Clic the yellow play button to run the program (red)





# macOS

12) Follow the steps  
See the youtube video:  
<https://youtu.be/5-6pklunzkl>

Cuki IR generator light v1.0

1) Select your configuration: Pickup in CH1, Mic in CH2

2) Choose audio interface+driver: Input: Mappeur de sons Microsoft - Input (MME) Output: Mappeur de sons Microsoft - Output (MME)

3) Choose Frequency sampling: 44100 24 bits

4) Test recording and check levels (optional): Record 10s

5) Record for IR generation: Record 1 min

6) IR file format: 2048 pts, 16 bits

7) Compute IR: Compute IR

8) Listen: Mic Pickup IR

8) Save IR file: Standard Save

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