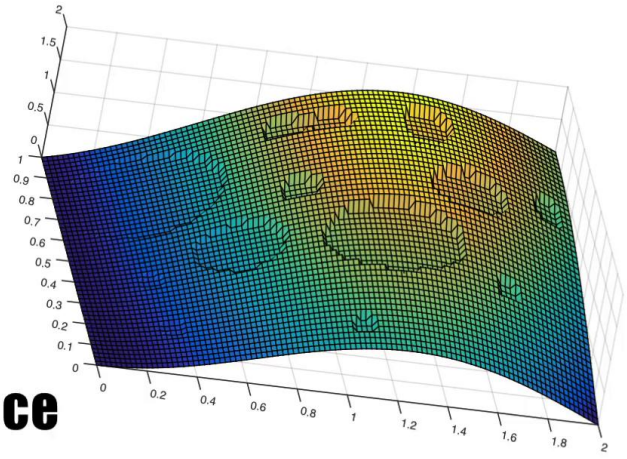
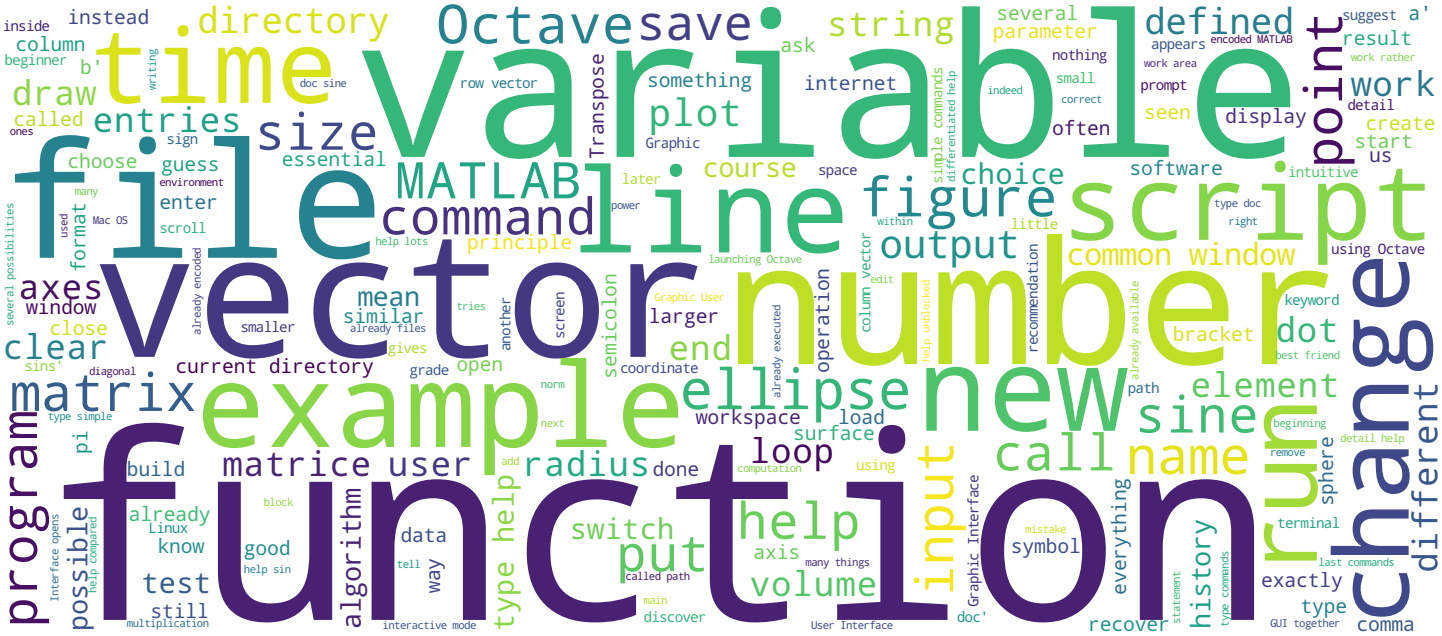
ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE



1.3 Graphic User Interface

MATLAB and Octave for beginners

MER Simone Deparis



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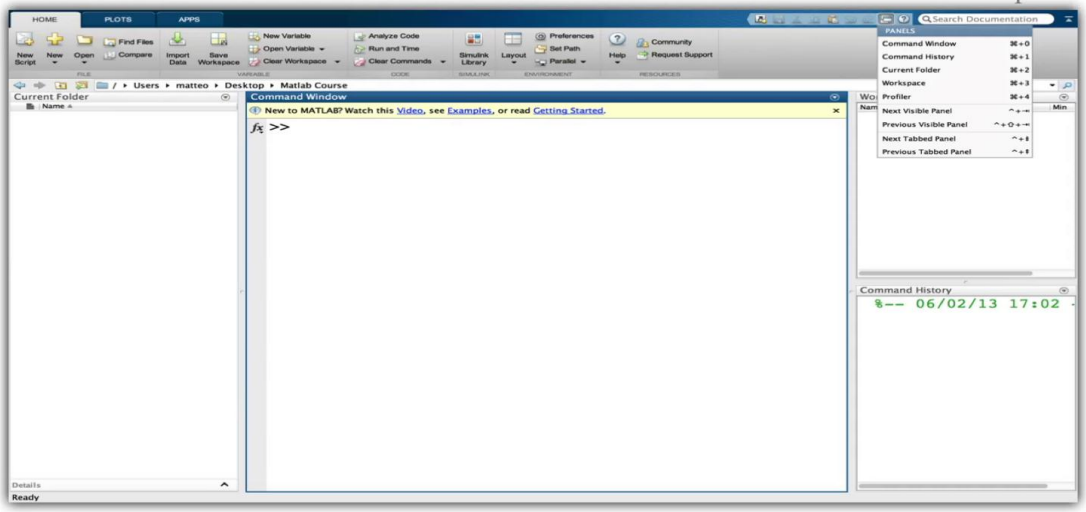
Video

EPFL

GUI : Graphic User Interface

MATrix LABoratory GUI

On peut modifier son apparence



MATLAB and Octave for beginners

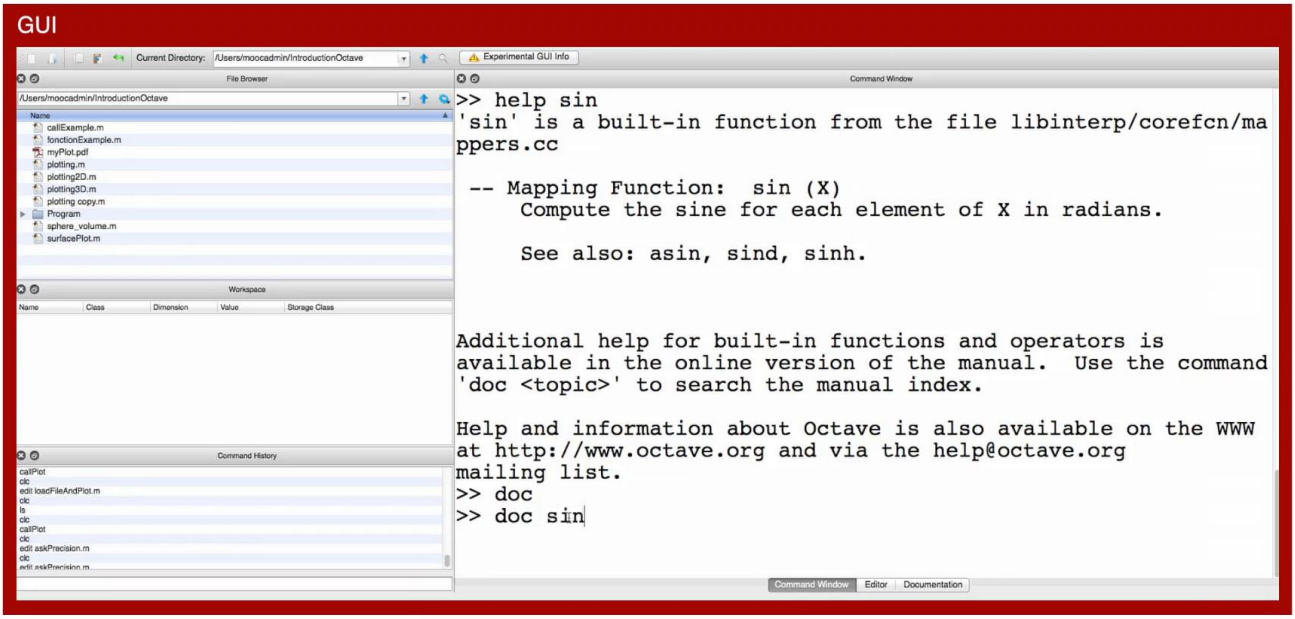
By launching Octave or MATLAB, the Graphic User Interface opens. We will discover the GUI together.

Notes

Summary

0m 04s

>> doc Looking for more functions



MATLAB and Octave for beginners

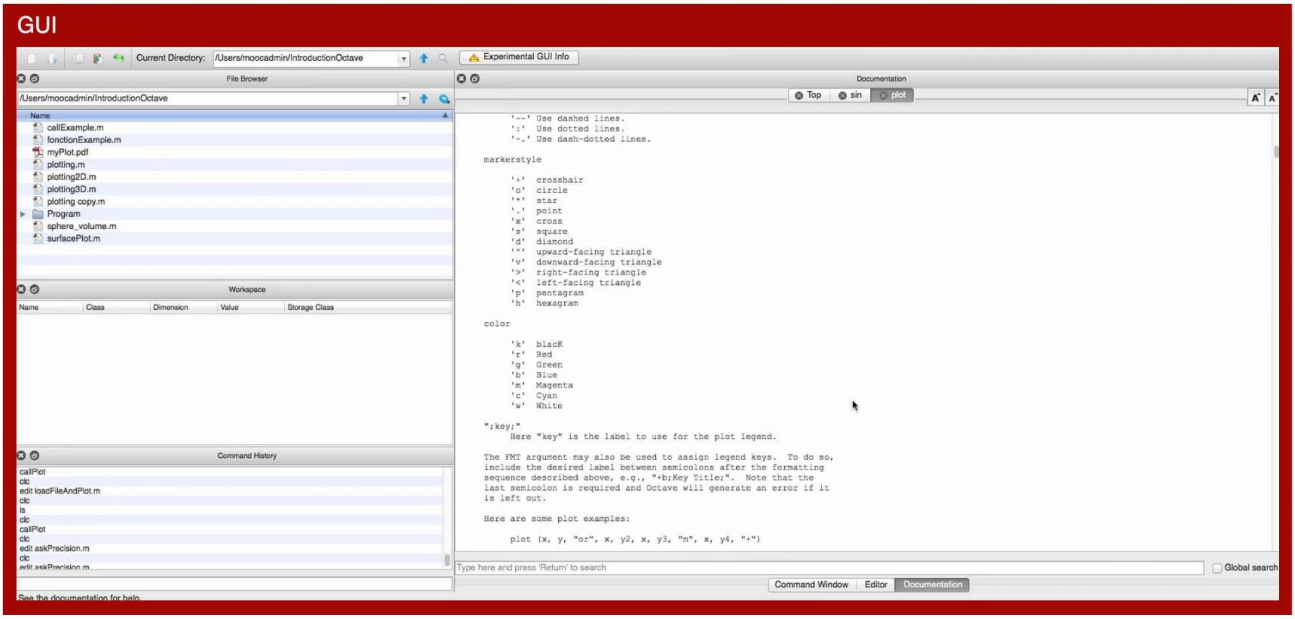
It is also possible to run them in a terminal but this is not as intuitive as a beginner. We now switch to interactive mode. Here is the Graphic Interface as it appears on Mac OS X. On Linux or Windows, it's very similar. We are using Octave but MATLAB has the same principle. There is a common window with a prompt.. This is where you will type simple commands. There's a workspace where we find the variables. Here is the history of the last commands that were given by the user and here is the current directory also called path. You can change a path and we will work rather in the Octave a sub directory. There are already files that we can use during the course. You can change the current directory from here. If you need help,your best friend is help. For example: you can type help sin and it will give you the help on the sine's function. sine's is a build-in function that is, it is already encoded MATLAB or Octave. You can also use the 'doc' and type doc sine's and here we have several possibilities and the more detail help than before.

Notes

Summary

0m 10s

>> doc Looking for more functions



MATLAB and Octave for beginners

So we can scroll and look for some help on it sins' Now I can type help lots and they see many things about the help unblocked.

Notes

Summary

1m 36s

1.3 Graphic User Interface

What is essential now is to have seen that there is a common window Where we can type commands that you want to run. There is a work area, there is a history of commands If you want to recover some of the commands that you have already executed and we can change the directory. We cannot suggest to recommendation or is help in case you need it. You can also use the internet There is often more details or differentiated help compared to what is already available in the software.

Notes

Summary

1m 52s