
Installation of the `qm`Dirac`` *Mathematica* Add-On

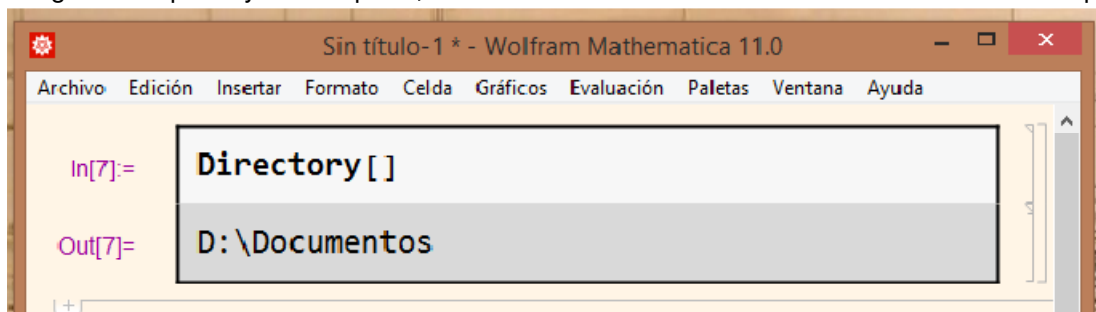
by José Luis Gómez-Muñoz

<https://www.facebook.com/MaTECmatica/>

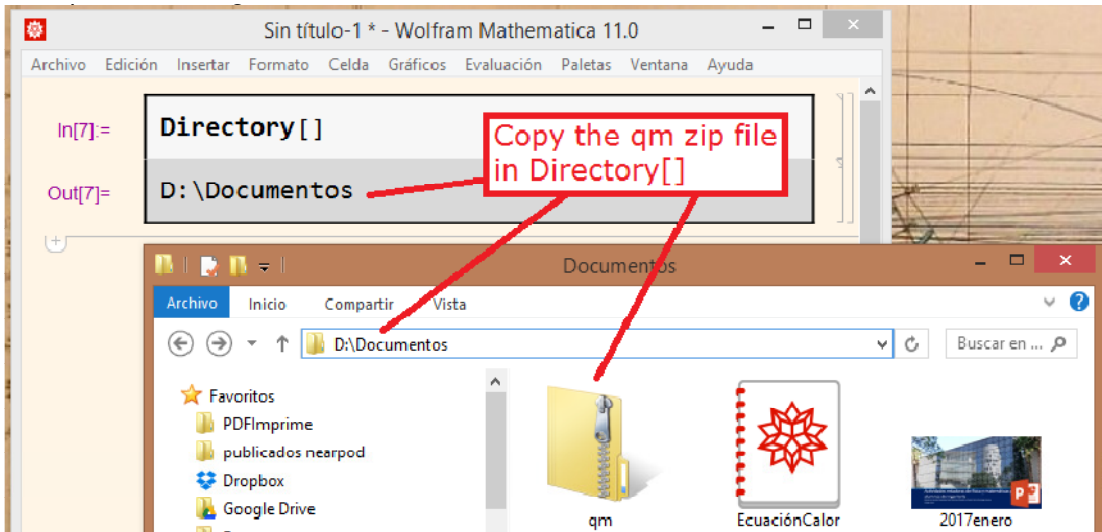
Files must be located in the proper file location in order to be able to load the Quantum packages with the Needs command. Here we show the procedure in a Windows computer, and it is the same procedure in any other operative system

Example: Microsoft Windows Instalation

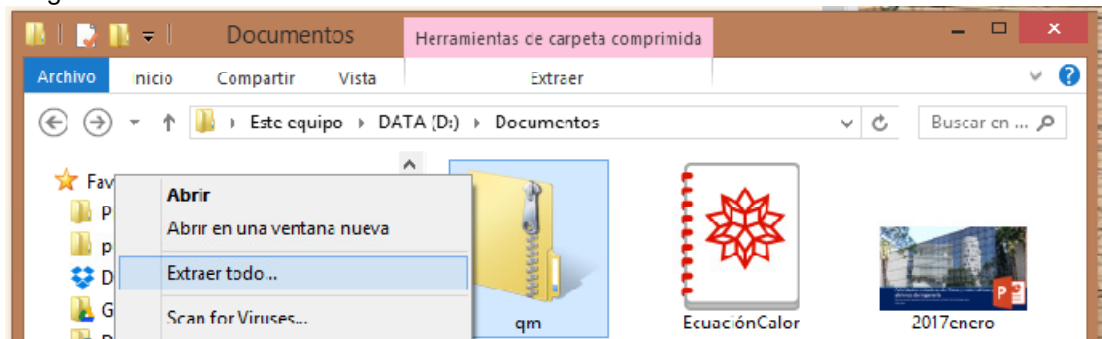
All the files will be located inside the directory specified by the output of *Mathematica's* command `Directory[]`. In the computer were this document was generated, this is the output of `Directory[]` (when you write `Directory[]` and press the at the same time the keys `SHIFT-ENTER` in your *Mathematica*, you will get an output in your computer, which will be different from the one shown in this example):



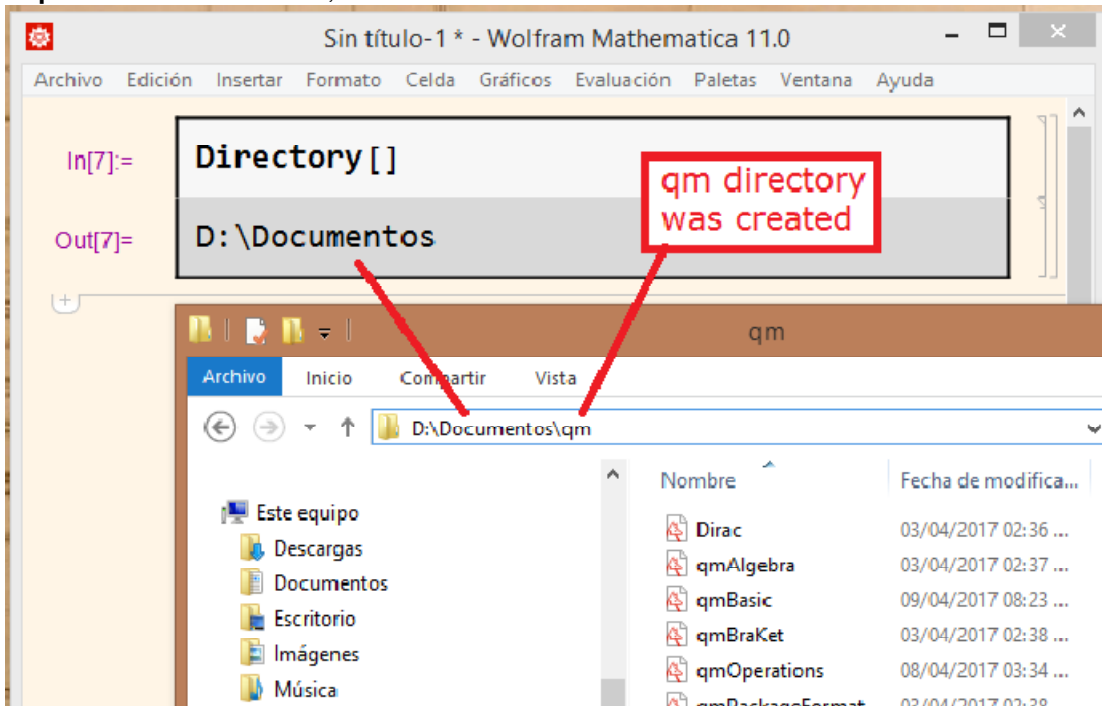
In the following image you can see the Windows Explorer opened in the `Directory[]` of my computer. Copy the `qm.zip` file inside the `Directory[]` of your computer, remember it will be different from the example in the image:



Extract the **qm.zip** file in this directory. It can be done with a right-click and selecting “Extract every-thing...”



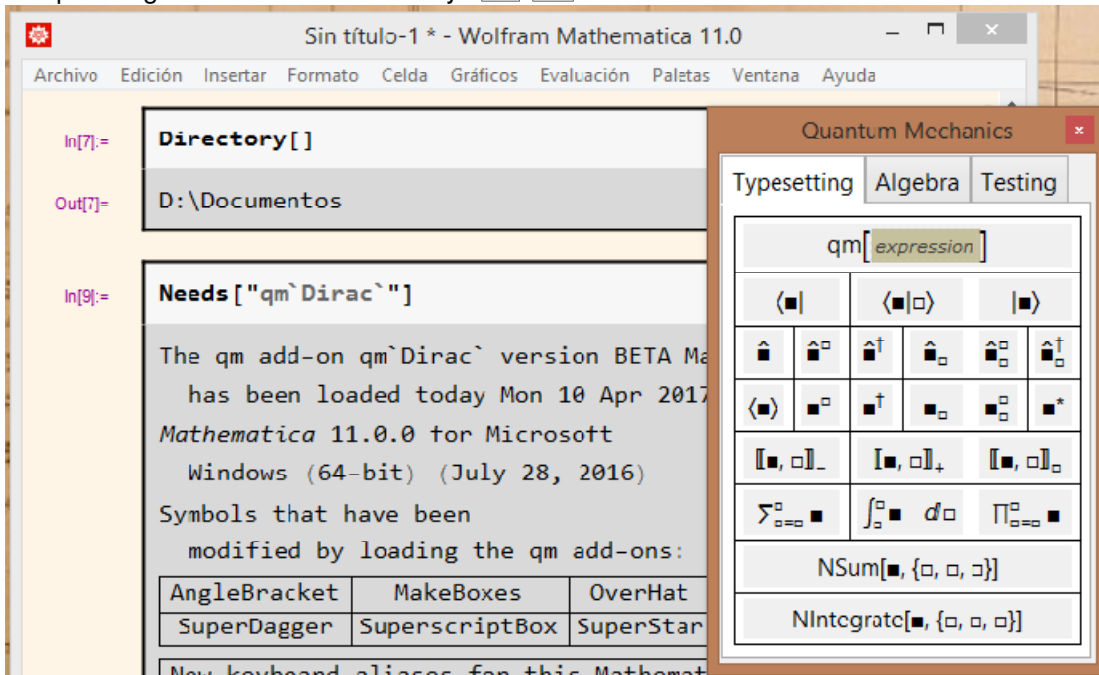
A **qm** file has been created, with the add-on files inside:



If the directory (folder) structure is the correct one, then you will obtain the "welcome" message after writing

Needs["qm`Dirac`"]

and pressing at the same time the keys **SHIFT-ENTER** to evaluate:



Installation on other operative systems

Mathematica has been designed to work the same way in different platforms (Mac, Windows, Unix, etc). Therefore, the installation procedure in any operative system should be almost the same: Extract the files in a **qm** directory, inside the directory specified by the result of evaluating **Directory[]** in your computer.

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Wed 12 Apr 2017 11:11:39