

Installing Octave  
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The following link

<https://www.gnu.org/software/octave/download.html>

has general guidelines for installing Octave for a variety of operating systems.

For example, to use Octave with Cygwin:

1. Install or update Cygwin from <https://cygwin.com/install.html>.
2. When on the “Cygwin Setup –Select Packages” menu, we need to install
  - a. Octave
  - b. Gnuplot
3. Install the packages and create a desktop icon for the Cygwin Terminal.

Note: when trying to run programs that include commands from the control toolbox, include the line “pkg load control” at the top of the script.

Note: when using qp (the Octave equivalent to quadprog), the order of arguments is different and the linear term in the objective function is transposed.

Octave Documentation can be found at:

[https://www.gnu.org/software/octave/doc/interpreter/index.html#SEC\\_Contents](https://www.gnu.org/software/octave/doc/interpreter/index.html#SEC_Contents)

If you plan to use Octave during the MPC Workshop, it is very important to download, install and work with it beforehand.