

## Running holodemos

The demo programs for MAS450 are available on-line for use on computers running Microsoft Windows (98 through XP), MacOS X 10.2 or higher, Sun Solaris 2.8 or higher, or Linux (Redhat 7.2 -- this configuration is the least tested). Please follow these steps to get the programs working on your machine. The demo programs are written in Tcl/Tk and use a system called Telkit to run them. You'll need to download a Telkit program for your computer, then download demo "kits" and load them into the telkit program.

1. Download the runtime system for your platform.
  - o [Windows telkit](#) (931KB)<sup>\*</sup>
  - o [MacOSX telkit](#) (2.13MB)<sup>\*</sup>
  - o [Solaris SPARC telkit](#) (1.02MB)<sup>\*</sup>
  - o [Linux telkit](#) (1.6MB) (New as of March 5, 2003)
2. Download the demos: [holodemos-2003-03-05.zip](#) (Last updated March 5, 2003)<sup>\*</sup>
3. Expand the contents of the holodemos file using an appropriate unzip program (winzip, Stuffit Expander, unzip). You should find a directory/folder like "holodemos-2003-02-10" (where the numbers represent the date). Inside the folder you'll find several files that end with the extension ".kit". These are the demo kits.
4. Follow these directions for your particular operating system
  - o **MS Windows:** Rename the telkit program to be called "telkit.exe" (optional). Place it somewhere. Click on one of the demo programs (say, diffdemo.kit). Windows will be confused since it doesn't know how to run a kit. When you are given the option to choose the application to run the kit file, browse for the telkit application (you can also do this step by right-clicking on a kit file, then choosing properties, and associating the kit file with the telkit application for opening. If these steps fail, just start telkit by double-clicking, then select "File->Source..." and choose a kit file (you may have to select "All files (\*.\*)" rather than the default "Tel files (\*.tcl)").
  - o **MacOS X:** Click on the Telkit application. A two windows appear: a console and a shell. Go to the File menu, choose "Source..." and browse to find the holodemos-YYYY-MM-DD folder. Choose a demo kit file. You'll have to restart the Telkit application in between demos. The MacOS X Telkit is the newest of the collection. If you find that the program quits while browsing for the kit files, rename the folder to "holodemos" and put it on your desktop or in your home folder.
  - o **Solaris and Linux:** First, download and gunzip the telkit. Then: Approach 1. Rename the telkit program to the name "telkit". Make sure it is in your path. Change the permissions on the kit files so that they are executable (chmod a+x \*.kit in the holodemos folder). Run the kits in a shell window (eg, ./diffdemo.kit ). Approach 2. Give the kit file as an argument to the telkit program: telkit diffdemo.kit .

## Printing holodemos

Holodemos currently do not have native printing capability (i.e., you cannot use Control-P in MS Windows, Command-P in MacOS X, or Alt-P under UNIX to print the output of the application). You'll need to do a screen shot or window dump. In Windows, use the "Print Screen" key (consult operating system help for information). In MacOS X, press Command-Shift-4, then press shift, and click in the window you'd like to print (consult help for details). Under UNIX, use a utility such as gimp, xv, or "xwd | xpr" (again, consult your operating system documentation for help).

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<sup>\*</sup>Please refer back to the CMS Tools section.