Chapter number	Software required (With version)
1	none
2	Python 3.4.2 IPython 4.0.1
3	Python libraries: • ipyparallel • numpy • scipy
4	ZeroMQ 4.1.4 MPI 4.0 Python libraries: • mpi4py • zmq
5	none
6	R Octave Hy Python libraries: • rpy2 • oct2py • hymagic
7	R packages: • ggplot2 Python libraries: • matplotlib • bokeh • pandas • python-nvd3
8	Python libraries: • pytest • nose2
9	Python libraries: • docutils • sphinx
10	Jupyter
11	none

NOTE from author :

The list is probably best understood as being cumulative, with each chapter requiring all teh software from the previous chapters, plus (possibly) more.

I was not sure what to do with the hardware and OS part. I can provide info about what I ran the examples on, but the software should run on a huge number of platforms.

My OS:

(my_rpy2_zone)-bash-4.1$ lsb_release -r -i -c -d

Distributor ID: RedHatEnterpriseServer

Description: Red Hat Enterprise Linux Server release 6.7 (Santiago)

Release: 6.7

Codename: Santiago

My hardware: Hard to specify exactly, given the nature of the platform. The machine is described at: https://www.osc.edu/supercomputing/computing/oakley