This document explains the procedure for manual installation of Spot for Linux and Unix platforms. The installation procedure is as follows:

1. If R is not installed, fetch it from the following website and install it.
   http://cran.r-project.org/bin/linux/

2. If imview is not installed, fetch it from the following website and install it.
   http://sourceforge.net/projects/imview.

3. Download the Spot package to your hard disk from the following website.
   http://www.hca-vision.com/product_download.html

4. To install Spot centrally, use the shell instruction
   R CMD INSTALL Spot_<version>.tar.gz

   or start R and execute the R command
   install.packages("Spot_<version>.tar.gz", CRAN=NULL)

   If you can't or don't want to install the package centrally, you can install it in any directory. For example, suppose I want to install Spot in /home/buckles/Rpackages. To do this, please use the shell command:

   R CMD INSTALL -l /home/buckles/Rpackages Spot_<version>.tar.gz

   To let R know about the existence of this extra library tree, set the shell variable, R_LIBS to contain the new library tree:

   setenv R_LIBS /home/buckles/Rpackages

   Note that shell variables are set differently in some shells. For example, under bash, use R_LIBS=/home/buckles/Rpackages

   If you will be using Spot or other locally-installed R packages routinely, it may be a good idea to set the R_LIBS variable in your .cshrc file.

   Spot may be removed using the shell command:

   R CMD REMOVE -l /home/buckles/Rpackages Spot

   or the R command: remove.packages("Spot")

5. Start R and execute the following commands from inside R – "library(Spot)" and "runSpots()". The Spot package should be loaded and display a license message, and a graphic user interface should appear.