CanariCam & Gemini IRAF DR

This short document explains how to get the Gemini IRAF MIDIR data reduction (DR) package to run on CanariCam data. It was adapted from correspondence with Kathleen Labrie at Gemini, who kindly and expertly adapted and helped me with the DR work. Please recognize her help, work, as well as that of Gemini's assistance.
Chris Packham. 7th June, 2011.

Instructions

1. Copy the midir directory under your IRAF directory
   a. For example, for my mac it is in `/Users/packham/iraf/midir`.
2. Edit (or create) your `loginuser.cl` file and ensure that it sources the following:

```
reset midir = <path-to-midir>/      #(don't forget '/')
task midir.pkg = midir$midir.cl
keep    #(at the very end of the file)
```

3. Start IRAF in the usual way
4. Go to your data directory, and run your favorite MIDIR DR routine

Troubleshooting

1. If you have a problem that your loginuser.cl file is not being sources, you can enter the "reset" and "task" lines directly into your IRAF prompt after starting the Gemini MIDIR DR package and that will adjust the path.
   a. Note: you will have to do that each and every time you start the Gemini IRAF DR package.
2. IRAF in general does not like to see too many "." (dots, periods, puntos) in a file name, but for some reason many of the GTC's CanariCam file names current have many "." in them. It may be necessary to change the file name and reduce the number of periods.