

## **Gemini IRAF packages installation and instructions**

### **IRAF Standard Installation**

installed path: /soft/iraf/iraf/

- Check if installed IRAF is compatible with the Gemini packages.

### **Instructions for use of the Gemini v1.10 and Gemini v1.11beta packages:**

If you do not have gemini\_v111beta2.tar.gz package follow these instructions to install it:

- In a terminal window, log in the iraf account, type: su iraf and iraf account password
- Type: cd /soft/iraf/extern/ (directory where are installed the IRAF external packages)
- Create the directory geminibeta: mkdir geminibeta
- Type: cd geminibeta
- Download the package from <http://www.gemini.edu/sciops/data-and-results?q=node/11667>
- Extract the file gemini\_v111beta2.tar.gz in the directory geminibeta with the command: tar-xvzf gemini\_v111beta2.tar.gz

### **Configure extern.pkg to run both Gemini packages:**

- In a terminal window, log in the iraf account, type: su iraf and the iraf account password
- Type: cd /soft/iraf/iraf/unix/hlib/
- > cp extern.pkg extern.pkggemini110
- > cp extern.pkg extern.pkggemini111beta
- Edit the file extern.pkggemini111beta:
  - change the following line of the Gemini package: reset gemini = /soft/iraf/extern/gemini/
- to: reset gemini = /soft/iraf/extern/geminibeta/

### **To run IRAF with the Gemini package v1.10:**

- In a terminal window, in the user account, type: cd gemini
- Type: su iraf and password
- > cd /soft/iraf/iraf/unix/hlib/
- > cp extern.pkggemini110 extern.pkg
- > exit
- Type mkiraf and inform the terminal xgterm

### **To run IRAF with Gemini package v1.11beta:**

- In a terminal window, in the user account, type: cd geminibeta
- Type: su IRAF and password
- > cd /soft/iraf/iraf/unix/hlib/
- > cp extern.pkggemini111beta extern.pkg
- > exit
- Type mkiraf and inform the terminal xgterm

## Instructions for IRAF installed on the user account

/home/<user>

- Check if installed IRAF is compatible with the Gemini packages.

### Instructions for use of the Gemini v1.10 and Gemini v1.11beta packages:

If you do not have gemini\_v111beta2.tar.gz package follow these instructions to install it:

- In a terminal window, log in the user account, type: `cd /home/<account>/gemiraf/iraf/iraf/extern/`
- Create the directory geminibeta in this account: `mkdir geminibeta`
- > `cd geminibeta`
- Download the package from <http://www.gemini.edu/sciops/data-and-results?q=node/11667>
- Extract the file gemini\_v111beta2.tar.gz in the directory geminibeta with the command: `tar -xvzf gemini_v111beta2.tar.gz`

### Configure extern.pkg to run both Gemini packages:

- In a terminal window, log in the user account, type: `cd /home/<account>/gemiraf/iraf/iraf/unix/hlib/`
- > `cp extern.pkg extern.pkggemini110`
- > `cp extern.pkg extern.pkggemini111beta`
- Edit the file extern.pkggemini111beta
  - change the following Gemini package line: `reset gemini = extern$gemini/` to: `reset gemini = extern$geminibeta/`

### To run IRAF with the Gemini package v1.10:

- In a terminal window, log in the user account, type: `cd gemini`
- > `cd /home/<account>/gemiraf/iraf/iraf/unix/hlib/`
- > `cp extern.pkggemini110 extern.pkg`
- > `exit`
- Type `mkiraf` and inform the terminal `xgterm`

### To run IRAF with the Gemini package v1.11beta:

- In a terminal window, log in the user account, type: `cd geminibeta`
- > `cd /home/<account>/gemiraf/iraf/iraf/unix/hlib/`
- > `cp extern.pkggemini111beta extern.pkg`
- > `exit`
- Type `mkiraf` and inform the terminal `xgterm`