Quick Start Directions for Papco

Please refer to distributed Papco directions for any questions, this is just meant to be a **very** quick list of what to do. The distributed directions for Papco are much more detailed.

1. copy the papco source XX to your site installation, use http://leadbelly.lanl.gov/ccr/software/papco/papco_source/. Untar it.

2. Copy papco_user XX to your home directory, untar it.

3. cd ~/papco_user_XX/ in your user directory.

4. Edit papco_set_variables.pro. Set the following variables.

    Here is the definition from the file itself:
    ; NET   is the base network "address" . This is central the location
    ;   PAPCO should be installed, once, accessible by all users.
    ; PAPCO_BASE   is the directory where the PAPCO core code resides
    ; PAPCO_MODULES is the directory in which the distribution modules reside
    ; PAPCO_HOME   is the user's directory from which PAPCO is run
    ; PAPCO_DOWNLOAD is the temporary download directory
    ; HOME   is the user's home directory

    NET=   '/project/cassini/papcosoft/'
    PAPCO_BASE=   NET + 'papco_10.0'
    HOME=   '/homes/kuster/'
    PAPCO_HOME=   HOME+'/papco_user_10.0'
    PAPCO_DOWNLOAD= HOME+'/papco_user_10.0/papco_download_temp'

5. In the same directory, set the papco_printer_default_config.data file to point to your printers.

6. Copy the MIMI modules from http://sd-www.jhuapl.edu/CASSINI/soft/ to your user directory in the papco_modules directory.

7. Start PAPCO setup program by
    Idl5.4 papco_setup

8. Select Add_User_Module button, browse, select the module to add and select add and continue or close.

9. Select New Config and go on.

10. Start Papco
IDL>papco

11. Once in each MIMI module, (no matter how many individual plot types), select the module button at the top of the menu and select any plot type in the pull down menu. Once the menu that appears, select the config button at the bottom of the menu. Click in the text entry area and set the path for the CASSINI_MIMI_????_DATA environmental variable. Select SAVE and then cancel out of the menu. This saves the proper data path in the file <papco user directory>/papco_modules_defaults/cassini_mimi_????.config. **REMEMBER that the MIMI modules expect /YYYY directories under that path, but do not include the year in the path you type into the menu!**

12. To plot, click LOAD button and select a panel plot product, like lemms_gserates.papco. Then set the time in the time menu and hit return when the cursor is still in that time menu. You will see the time change in the grayed out display below it. Then select draw to start the read and display process. Text messages from the read routine will display in the IDL window.