
Subject: New version of look.pro
Posted by [Fred Knight](#) on Thu, 02 May 1996 07:00:00 GMT
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There is a new version of look.pro at

<http://idlastro.gsfc.nasa.gov:80/ftp/contrib/knight/look.pro>

The file is about 121k long, so I attach an excerpt from the header below. The new version has a number of improvements, including improved sliders, better catalog/blink/movie selection, intrinsic Postscript printing, and better help.

As always, I appreciate feedback---either pro or con.

Fred

```
;+
; Name:
;   look
; Purpose:
; This procedure produces a widget to view an image or series of images.
;   o You roam in a grid of 2x2 windows with menus on three sides.
;   o The plots are dynamic: horizontal and vertical cuts are updated
;     as you move the mouse over the full and zoom images.
;   o Zoom by dragging the left mouse over the full image.
;   o Select numerous options in the Options menu,
;   o Look is extensible ...
; ...
;
; Examples:
;   look           ; 1) Test with test images
;   images = randomu(seed,10,10,100)
;   look,images    ; 2) Display series of 2-D images
;   look,/noload   ; 3) Use existing images from common
;   common look    ; 4) To access the stored images at main level
;   look,/help     ; 5) Just display the look.pro header
;   look,/assoc    ; 6) Use an associate variable; prompt for
;                   ;   file and definition of variable.
;                   ; OR
;   file = 'existing_file'
;   definition = 'intarr(128,128)'
;   look,/assoc,file=file,definition=definition
;                   ;   The associate variable can have
;                   ;   additional variables---with a tag.
;   definition = '{struct,header:bytarr(100),data:intarr(128,128)}'
;                   ;   Up to v3.6, the structure has to be named!
;   look,/assoc,tag=1,file=file,definition=definition
;                   ;   use tag #1 (data) in the structure
```

```
; look,loader_name='getdata',dimensions=[3,4,5]
;
;       ; 7) Use getdata.pro to obtain the set of
;       ; 3x4x5 images,
;       ; each of size returned by getdata.
;       ; Here 3 dimension sliders will be used.
; look,procedures='process'
;
;       ; 8) Add processing procedures, e.g., to use
;       ; YOUR OWN process.pro to
;       ; modify the current image.
; look,functions=['roberts','sobel']
;
;       ; 9) Add edge filters to Options menu
;
;
```
