
Subject: Re: widgets for image analysis and displaying
Posted by [David Foster](#) on Fri, 31 Jul 1998 07:00:00 GMT
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jan versijpt wrote:

>
> Please Help,
>
> We're searching widget for image analysis and displaying in IDL.
> Especially for nuclear medicine, MRI and CT data: image analysis,
> reconstruction and displaying.

Hi Jan!

My name is David Foster, and I work in a brain imaging lab at the University of California, San Diego. I have made many of my routines available to the IDL community at:

`ftp://bial8.ucsd.edu pub/software/idl/share/idl_share.tar.gz`

There is a README file giving a short description for each routine. In particular, there are routines for reading (READ_IMG), creating volumes from (MAKE_VOL) and displaying (SHOW_IMG) medical images of various formats. In particular, the SHOW_IMG program is very useful and has many features like displaying in various formats, writing window contents to graphics files, etc. These programs will work on most CT and MR images, provided the following is true: the images must be square; dimensions 64x64, 128x128, 256x256, or 512x512; 8-bit or 16-bit data; with/without leading header whose length is not important.

I hope you find these routines useful. Let me know if you have questions or problems. The programs were written for use on UNIX systems (Suns specifically); many should work under Windows/Macs. It would take some work, however, to port SHOW_IMG.

Dave

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David S. Foster      Univ. of California, San Diego  
Programmer/Analyst   Brain Image Analysis Laboratory  
foster@bial1.ucsd.edu   Department of Psychiatry  
(619) 622-5892      8950 Via La Jolla Drive, Suite 2240  
                    La Jolla, CA 92037  
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