
Subject: Re: multiple filters take 2

Posted by [davidf](#) on Thu, 18 Jan 2001 18:25:46 GMT

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Rochelle Hatton (nrh@imag.wsahs.nsw.gov.au) writes:

- > A few days ago I asked about the possibility of using multiple file
- > filters with a file selection program. After much fiddling with an
- > old program, I decided to have a go at writing a new version that uses
- > DIALOG_PICKFILE.
- > My question still remains - the help on DIALOG_PICKFILE seems make no
- > sense - is it a Windows only option?
- > I can't work out from the help whether it is possible on Unix, or is
- > it a feature request for RSI?
- > Alternatively, has anyone written their own version to allow for more
- > than one filter?

I have a program, named SELECTIMAGE, that I wrote for my own amusement. I didn't really intend for it to become a public program. Rather, I needed it for some work I was doing for a client. The client and I are **always** working on PCs, so I felt free to use some techniques that I know have given me some headaches on UNIX machines in the past.

For example, I have a little thumbnail image in the program which allows me to preview the image before I actually select it. On windows I can resize that draw widget any which way, and things still don't look good. I'm not sure what happens on other operating systems. Similarly with a label widget, which is continually displaying different information about the file you are browsing currently.

I wouldn't mention it at all, except that it **does** have the ability to read images of different types by means of a filter button. Although you can only use one filter at a time. The program supports any know image format that has a corresponding QUERY_**** routine associated with it.

I put it on my web page today, thinking that I might as well find out what is wrong with it and fix it if I have to. :-(

You can find a picture and description of the program here:

<http://www.dfanning.com/documents/programs.html#SELECTIMAGE>

You will need these three files to run it:

<http://www.dfanning.com/programs/selectimage.pro>
http://www.dfanning.com/programs/fsc_fileselect.pro
<http://www.dfanning.com/programs/tvimage.pro>

To read JPEG files, for example:

```
IDL> image = SelectImage(/jpeg)
```

Note, that what I had in mind was a more aesthetic (and more intuitive) version of RSI's DIALOG_READ_IMAGE. :-)

As I say, I will not be surprised to hear about problems with this. But if you report them, I try to fix them.

Cheers,

David

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