Subject: IDL routine to fill in gaps in line? / Searching IDL routine libraries?

Posted by Robin Wilson on Tue, 18 Jan 2011 16:24:26 GMT

View Forum Message <> Reply to Message

Hi all,

I've recently realised what a wealth of useful code is in the various
IDL routine libraries available on the internet. However, what I haven't
found is a very good way of searching them. For example, I would never
have learnt about the very useful COLLAPSE routine by Marc Buie if he
hadn't posted about it as a response to one of my questions here.

So, my question is two-fold:

1. Does anyone know of a routine in any of the IDL user-written
libraries that fills in gaps in a line on a binary image to make it a
full and complete line. For example, take in the following input (where
* is a nonzero element and . is a zero element):

```
. . * . . .
. . . . . .
. . * . . .
. . . . * .
. . . . * .
. . . . * .
```

And fill in the gaps to make a complete line like:

```
. . * . . .
. . * . . .
. . * * * .
. . . . * .
. . . . * .
. . . . * .
```

2. I have a suspicion that the code I need to do the above is out there
somewhere. Does anyone have any particularly useful tips for searching
all of the IDL libraries on the internet to find routines you need?

Cheers,

Robin

PhD Student
University of Southampton, UK