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Subject: ANNOUNCE: icg\_lib\_v410\_20041018  
Posted by [R.Bauer](#) on Tue, 19 Oct 2004 07:25:39 GMT  
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Dear all,

Yesterday I have installed the version 4.10 of our ICG IDL library.

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

All dependencies of all routines were resolved and you could download the whole library, scripts, packages as well as idl sav files usable by idl -rt or idl -vm.

e.g.

If you peek into the catalog  
( [http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/idl\\_work\\_libraries.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/idl_work_libraries.html))

and choose for example x\_digisym by pressing X on the alphabetical list.

Then you could select the database symbol of x\_digisym  
( [http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/x\\_digisym\\_dbase.pro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/x_digisym_dbase.pro.html))

Now you see a list of all routines called by this one.

By selecting "GET SOURCE" you get a tarball (tgz) with all routines excluding the ones from RSI. There is a README included to show where are the routines from and who is responsible.

By selecting "GET BINARY" you get an idl SAV file with all routines compiled into this one.  
( [http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/x\\_digisym.sav](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/x_digisym.sav))  
You could download this and execute it by idl -rt and idl -vm. Or click in the explorer on it if you have windows.

If you use the sav files regular you should know that's there is an info function implemented to show what is all in this package included. It is always named routine\_name+\_info

```
IDL> restore,file='x_digisym.sav'
IDL> a=x_digisym_info()
IDL> help,a,/str
** Structure <8317124>, 2 tags, length=2276, data length=2276, refs=1:
```

TIME        DOUBLE    1.5135664e+08  
ROUTINES    STRING   Array[3, 63]

cheers

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at ForschungsZentrum Juelich

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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