
Subject: Re: Speeding up data crunching using IDL_IDLBridge with asynchronous execution

Posted by [Chip Helms](#) on Wed, 10 Jul 2013 19:54:50 GMT

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Poking around a little harder I've come up with something else. Including `"/nowait"` results in IDL compiling a number of procedures it wouldn't otherwise compile:

Procedures:

ADDMANAGEDWIDGET
IDL_IDLBRIDGE::EXECUTETIMER
IDL_IDLBRIDGETIMER_EVENT
VALIDATEMANAGEDWIDGETS
XMANAGER
XMANAGERPRINTERROR
XMANAGER_EVLOOP_FAKE_MODAL
XMANAGER_EVLOOP_REAL_MODAL
XMANAGER_EVLOOP_STANDARD
XUNREGISTER

Functions:

LOOKUPMANAGEDWIDGET

None of these are compiled when running the same code without `"/nowait"`

Here's the code I ran:

```
pro memissue2, nowait=nowait
  m0 = (memory())[0]
  o = obj_new('IDL_IDLBridge')
  o->execute, 'print, "hello"', nowait=nowait
  while (o->status() ne 0) do wait, 0.01
  obj_destroy, o
  help, /full
  m1 = (memory())[0]
  print, m1-m0
end
```
