
Subject: iTools bugs? cleanup and IDLgrModel import
Posted by [sdettrick](#) on Mon, 08 Dec 2003 02:42:33 GMT
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Try this:

```
IDL> iplot
```

then exit iplot using the mouse, without plotting anything, then,

```
IDL> help,/heap
```

It seems iTools leaves possibly hundreds of stale objects and pointers on the heap. (This is in Windows). What's the rub? Was that a planned feature for the illuminati to exploit, or is it just a bug? Is there a solution aside from .reset?

Also I note that, after importing an IDLgrModel into iSurface via the pull-down menu and the "wizard", when I quit iSurface I get the following error.

Further iTools work, even after a couple of RETALL's, proves to be impossible.

An iTool bug?

```
IDL> isurface
```

```
% Compiled module: READ_BMP.
```

```
; isurface works fine, but when I exit it has these errors:
```

```
% Invalid object reference: SELF.
```

```
% Execution halted at: IDLITTOOL::DOACTION 1100
```

```
C:\RSI\IDL60\lib\itools\framework\idlittool__define.pro
```

```
% IDLITUI::DOACTION 870
```

```
C:\RSI\IDL60\lib\itools\ui_widgets\idlitui__define.pro
```

```
% CW_ITMENUBAR_EVENT 119
```

```
C:\RSI\IDL60\lib\itools\ui_widgets\cw_itmenubar.pro
```

```
% WIDGET_PROCESS_EVENTS
```

```
% $MAIN$
```

```
IDL> retall
```

```
% Invalid object reference: OTOOL.
```

```
% Execution halted at: IDLITWDTOOL_EVENT 202
```

```
C:\RSI\IDL60\lib\itools\ui_widgets\idlitwdtool.pro
```

```
% WIDGET_PROCESS_EVENTS
```

```
% $MAIN$
```

```
IDL> retall
```

```
; try to fire up iSurface again...
```

```
IDL> isurface
```

```
; no success:
```

```
% Tag name IDLITCOMPONENT_TOP is undefined for structure  
IDLITPROPERTYDESCRIPTOR.
```

```
% Execution halted at: $MAIN$
```

```
% Tag name IDLITCOMPONENT_TOP is undefined for structure
IDLITPROPERTYDESCRIPTOR.
% Execution halted at: _IDLITMANIPULATOR::ONMOUSEMOTION 524
C:\RSI\IDL60\lib\itools\framework\idlitmanipulator__define.pro
%           IDLITMANIPULATORCONTAINER::ONMOUSEMOTION 216
C:\RSI\IDL60\lib\itools\framework\idlitmanipulatorcontainer__define.pro
%           IDLITMANIPULATORCONTAINER::ONMOUSEMOTION 220
C:\RSI\IDL60\lib\itools\framework\idlitmanipulatorcontainer__define.pro
%           IDLITNOTIFIER::NOTIFY 261
C:\RSI\IDL60\lib\itools\framework\idlitnotifier__define.pro
%           WIDGET_PROCESS_EVENTS
%           $MAIN$
```

Sean D
