

# pythoncom and dialog

---

*Source:* <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2006-11/msg01410.html>

---

- *From:* "ChristianHahn" <[privat@xxxxxxxxxxxxxxxxxxxxx](mailto:privat@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* 10 Nov 2006 02:40:10 -0800
- 

Hi,

I inherited a piece of code, that doesn't work anymore. It's a COM-object.

One interface method opens a modal dialog ( `OpenDialog()` ), with the other methods one can set the values for a ComboBox or query the input of the user.

This COM-module is instantiated(?) via `st=win32com.client.Dispatch(..)` within a windows application (btw it's called Prime Front Arena). The scripting language for this application is Python.

The COM module works fine, when I call it from Excel via VBA or from python directly.

When I call it from the mentioned application, sometime (not always) the python statement `st.OpenDialog()` never returns and the application is not responding anymore.

In the previous release of this application this piece of code worked.

In the new release the app now using two threads, one thread for a log-windows and one thread for all other windows.

I don't know if this a problem with pythoncom or a windows problem (two threads, modal dialog), but when I debug it seems to me that it get stuck somewhere in the `pythoncom.dll`

So

- 1) Does anyone have any hints for. I'm completely in the dark.
- 2) How can I compile a debug version of the `pythoncom.dll` by myself? I downloaded the Zip-File, but when I try to open an \*.dsp file, i get asked for password (SafeSource)? What's that.

You see my windows skill are limited (but increased dramatically the last days).

Thanks in advance  
Christian

pythoncom and dialog