

Re: translating "create Semaphore" to Linux

Source: <http://coding.derkeiler.com/Archive/Python/comp.lang.python/2008-08/msg02774.html>

- *From:* Tim Golden <mail@xxxxxxxxxxxxxxxxxx>
 - *Date:* Fri, 29 Aug 2008 13:33:22 +0100
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GHUM wrote:

```
hSem = win32event.CreateSemaphore (None, 1,
1,"stringincludinginterfaceandport")
rt=win32event.WaitForSingleObject (hSem, 0)
if rt != win32event.WAIT_TIMEOUT:
really_do_start_my_app()
else:
print "application allready running"
```

to make sure that only ONE instance of the application is running at a time.

Running a serious risk of teaching my grandmother, but...

.... why use a Semaphore rather than a Mutex? Or why not simply use the bound socket as its own mutex? I know Windows won't allow you to rebind the same socket to the same addr/port in two different processes (unless perhaps you play some trickery with the socket options).

TJG

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