
Subject: Re: How to check whether application is running

Posted by [Alboni](#) on Wed, 16 Jan 2013 16:38:55 GMT

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Except at least on Windows, if you have rights to execute the program, finding out what an application is creating is a matter of running a debugtool. The app doesn't need debugsymbols for that.

So this scheme would only work if 2 mutexes were used:

The app would then:

- 1) generate a new name and create a new mutex
- 2) try to open a mutex with the previous name stored in an encrypted file and if succeeds store this name, if not terminate.

other ideas that I used in practise

- 1) instead of displaying an error message, you can also bump the running instance.
 - 2) instead of terminating, close the running instance by sending a signal to it, wait for it to terminate, if it doesn't terminate on time, forcefully kill it. Then proceed starting the app.
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