

RE: Single Application Instance Example

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[DeRRudi]

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| Whitt this mutex is it possible when an instance is running in
| background and you try to open a new instance. you cancel it and show
| the first?

| Greetz

All the Mutex is doing is providing a single token which only one instance of the app can hold at a time. Of itself, it doesn't provide any facility to awake background applications or do anything at all except exclude other apps from holding the same token.

What you describe could be achieved a number of ways. (He says, sounding knowledgeable, but having little real experience to back himself up). Once the Mutex check proves that you're not the only instance running, you could, for example, find the top-level window of your app and activate it (assuming it has a window). You could embed some sort of mini-messaging within the application, say a small Pyro class, or a socket server, or a Windows pipe, or whatever, which will let your second instance send a message to the first which will then activate (whatever that means).

In fact, you could probably combine the two by using a private Windows pipe which would both serve as a "anyone else here?" check and as a signal to an existing instance to wake up and dance.

It all depends on what the app is doing, and how hard you want to try.

TJG

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