Subject: Re: how to stop a thread that is waiting, e.g., listen()
Posted by tvanriper on Wed, 26 Sep 2007 11:05:28 GMT

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You could probably do this with a signal. Normally, threads allow you to have multiple signals at one time. You are using one of those signals right now to wait on your networking socket (or whatever you're doing)... so you could create another signal to indicate that you have some kind of message for the thread.

The message could be stored in a variable that's protected by a mutex.

When the thread gets the signal, it looks in the variable, sees that you want it to close, and then stops itself (cleaning up any variables it needs to clean up).

It's not recommended to try and forcibly close a thread, as you seem to suggest wanting to do, because this will not deallocate variables you have (implicitly or explicitly) allocated for that thread.