Subject: Re: I keep getting the same "cannot open exe for writing" error...
Posted by peterh on Tue, 27 Nov 2018 09:07:45 GMT
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Thank you!
So this is in nightly build tomorrow?

I am going to test and report in the evening, when I am at home.
Dayover I am at Job and look occasionally into the forum.
My Job is not programming, but industrial electronics hardware.

My idea is this:

In normal cases termination should be quicker than some 100 milliseconds.
Only if there are problems like pending IO it would last longer.
I do not know if in this cases Windows waits or if it terminates the process in the hard way, leaving
open serial ports, USB devices and Files behind. ;)

However the timeout in WaitForSingleObject() must have a meaning and nobody knows how the
next version of Windows or other versions will handle this.
So, if a timeout happens there must be an unusual problem and only the user/programmer can
know for the reason.

It is then questionable wether the termination would succeed and the user should be asked, when
a timeout happens if he wants to wait, instead of closing the process-handle, possibly
unsuccessful.
Inbetween he/she could use other system-tools to debug or ignore the problem and restart the
IDE and possibly chooses to reboot afterwards.

We use hardware testprograms here.
Some of the devices we test are defective and have unforseeable problems. This is, why we test.
;)
We connect potentially defective devices to the USB Port and disconnect them, semiautomatically
some hundreds a day.
I have often seen USB devices vanish after a crash and in this case there is no other choice than
to reboot after such an event.
So if such a situation is encountered while debugging the test program, the debugger must leave
the decision about closing a process handle after timeout to the debuggers user.