

period= <i>deltaTicks</i>	Sets the minimum number of ticks that must pass between invocations of the background task.
start[= <i>startTicks</i>]	Starts the background task (designated by SetBackground) when the tick count reaches <i>startTicks</i> . If you omit <i>startTicks</i> the task starts immediately.
stop	Stops the background task.

See Also

The **BackgroundInfo**, **SetBackground**, **CtrlNamedBackground**, **KillBackground**, and **SetProcessSleep** operations, and **Background Tasks** on page IV-319.

CtrlNamedBackground

CtrlNamedBackground *taskName*, **keyword = value** [, **keyword = value** ...]

The CtrlNamedBackground operation creates and controls named background tasks.

We recommend that you see **Background Tasks** on page IV-319 for an orientation before working with background tasks.

Parameters

<i>taskName</i>	<i>taskName</i> is the name of the background task or <u>_all_</u> to control all named background tasks. You can use any valid standard Igor object name as the background task name.
burst [= <i>b</i>]	Enable burst catch up mode (off by default, <i>b</i> =0). When on (<i>b</i> =1), the task is called at the maximum rate if a delay misses normal run times.
dialogsOK [= <i>d</i>]	Use dialogsOK=1 to allow the background task to run when a dialog window is active. By default, dialogsOK=0 is in effect. See Background Tasks and Dialogs on page IV-321 for details.
kill [= <i>k</i>]	Stops and releases task memory for reuse (<i>k</i> =1; default) or continues (<i>k</i> =0).
noEvent= <i>mode</i>	Controls Igor's event processing while a background task function is executing. The noEvents keyword was added in Igor Pro 8.04. If your background task function uses a large fraction of available processor time, you may find that it is difficult to type on the command line or anywhere else. That is because Igor normally discards events that arrive while a user-defined function is running, causing events to be lost. This is the default mode of operation and corresponds to noEvents=0. Using noEvents=1 causes Igor to postpone event handling until after the background task function returns which improves the reliability of the user interface. A consequence of using noEvents=1 is that you can not abort a rogue background task function using User Abort Key Combinations . The noEvents keyword applies to all background tasks, including the unnamed background task. You should use <u>_all_</u> for the taskName parameter. <i>mode</i> defaults to 0 when Igor starts. The mode set using noEvents remains in effect until Igor quits.
period= <i>deltaTicks</i>	Sets the minimum number of ticks (<i>deltaTicks</i>) that must pass between background task invocations. <i>deltaTicks</i> is truncated to an integer and clipped to a value greater than zero. See Background Task Period on page IV-320 for details.
proc= <i>funcName</i>	Specifies name of a background user function (see Details).
start [= <i>startTicks</i>]	Starts when the tick count reaches <i>startTicks</i> . A task starts immediately without <i>startTicks</i> .
status	Returns background task information in the S_info string variable.
stop [= <i>s</i>]	Stops the background task (<i>s</i> =1; default) or continues (<i>s</i> =0).