

/N= <i>name</i>	Requests that the layout have this name, if it is not in use. If it is in use, then <i>name0</i> , <i>name1</i> , etc. are tried until an unused window name is found. In a function or macro, <i>S_name</i> is set to the chosen layout name.  If /N is not used, a name of the form "Layout <i>n</i> ", where <i>n</i> is some integer, is assigned. In a function or macro, the assigned name is stored in the <i>S_name</i> string. This is the name you can use to refer to the page layout window from a procedure. Use the <b>RenameWindow</b> operation to rename the window.
/P= <i>orientation</i>	Sets the orientation of the page in the layout to either Portrait or Landscape (e.g., Layout/P=Landscape). See <b>Details</b> .
/W=( <i>left,top,right,bottom</i> )	Gives the layout window a specific location and size on the screen. Coordinates for /W are in points.

**Details**

When you create a new page layout window, if preferences are enabled, the page size is determined by the preferred page size as set via the Capture Layout Prefs dialog. If preferences are disabled, as is usually the case when executing a procedure, the page is set to the factory default size.

**See Also**

[AppendLayoutObject](#), [DoWindow](#), [RemoveLayoutObjects](#), and [ModifyLayout](#).

## NewMovie

**NewMovie [flags] [as *fileNameStr*]**

The NewMovie operation opens a movie file in preparation for adding frames.

By default, NewMovie creates MP4 movies on both Macintosh and Windows. Prior to Igor Pro 8, it created QuickTime movies on Macintosh and AVI movies on Windows. That older technology is still available using the /A flag on Windows, but it is deprecated and may not be available in future operating systems. QuickTime is no longer available as of Mac OS 10.15 (Catalina) and the /A flag results in an error in Igor Pro 9 on all Mac operating system versions.

**Parameters**

The file to be opened is specified by *fileNameStr* and /P=*pathName* where *pathName* is the name of an Igor symbolic path. *fileNameStr* can be a full path to the file, in which case /P is not needed, a partial path relative to the folder associated with *pathName*, or the name of a file in the folder associated with *pathName*. If NewMovie can not determine the location of the file from *fileNameStr* and *pathName*, it displays a dialog allowing you to specify the file.

If you use a full or partial path for *fileNameStr*, see **Path Separators** on page III-451 for details on forming the path.

**Flags**

/A	Windows: NewMovie/A creates movie files using the deprecated AVI technology. Macintosh: NewMovie/A returns an error.
/CF= <i>factor</i>	Specifies a compression factor relative to the theoretical uncompressed value. The default compression factor of 200 is used if you omit /CF. /CF was added in Igor Pro 8.00. It is ignored if you use the /A flag.
/CTYPE= <i>typeStr</i>	Specifies the compression codec to use.  Windows: <i>typeStr</i> can be "WMV3" to create .wmv files or "mp4v" to create MP4 files (default).  Macintosh: /CTYP is ignored and an MP4 file is created.
/F= <i>frameRate</i>	Frames per second between 1 and 60. <i>frameRate</i> defaults to 30.
/I	Obsolete.