Xingit! MCI Driver Notes

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The Xingit! MCI driver installed along with the player can be used to provide access to MCI commands. Applications such as Microsoft's Visual Basic and Asymetrix Toolbook allow the use of command strings to provide control for MCI devices. The following commands are support by the MPEGMCI driver that is shipped with Xingit!:

Command	Parameters	Description
close		Closes driver and releases all resources associated with it.
		e.g. - close clip
open		Initializes a particular MCIMPEG device instance and opens an MPEG file element associated with that instance. The following parameters can be used to modify the
"open"		command:
	alias *alias*	Specifies an alias to use with a particular device instance and element. The alias must be used with all future calls to that instance.
	parent *hwnd*	the parent window handle for the playback window.
	style *style*	the window style, one of child, overlapped, or popup.
	type MCIMPEG	the MCI device type, in this case MCIMPEG.
		e.g. - open sample.mpg type MCIMPEG alias clip
pause		Pauses the playing of the video.
		e.g. - pause clip
play		Begins play of an MPEG file. The following parameters can be used to modify the "play" command:
	from *frame*	Specifies a frame number to begin play at.
	to *frame*	Specifies a frame number to end play at.
	repeat	Repeat
		e.g. - play clip from 10 to 40
put	destination at *x1*, *y1*, 0, 0	Specifies an offset from the top left corner of the screen (or client window if the device was opened as "style child") at which to place the video playback window.
		e.g. - put clip destination at 100 100 0 0
seek		Sets the current frame position to the frame position specified and displays that frame. One of the following parameters should be used to modify the "seek" command:

	to *frame*	Specifies the frame to seek to.
	to end	Seeks to the last frame in the MPEG clip.
	to start	Seeks to the first frame in the MPEG clip.

e.g. - seek clip to 30

status   Returns status information about a particular MCIMPEG instance. The following parameters can be used to retrieve information:

	length	Returns the length of the clip in frames.
	mode	Returns stopped.
	position	Returns the current frame number.
	start position	Returns 0 as the starting frame of an MPEG clip
	time format	Returns "frames"
	window handle	Returns the ASCII decimal value for the window handle associated with a particular device driver instance.

e.g. - status clip position

step   Advances the frame by the offset specified and displays that frame. The following commands can be used to indicate the offset:

	by *frames*	The number of frames to step.

e.g. - step clip by 1

stop   Stops play of a clip.

e.g. - stop clip

window state   This command issues a ShowWindow call to the window associated with the particular device instance. The "window" command must be followed by the "state" parameter and one of the following:

	hide	Hides the window associated with the device driver instance.
	minimize	Minimizes the window associated with a particular device driver instance.
	show	Displays the window associated with a particular device driver instance. This should be used to display windows for device instances opened as style "child" or "popup" that

have been

positioned on the screen using the "put" command.

e.g. - window clip state show

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