

animation_dtc

COLLABORATORS

	TITLE : animation_dtc		
ACTION	NAME	DATE	SIGNATURE
WRITTEN BY		July 19, 2024	

REVISION HISTORY

NUMBER	DATE	DESCRIPTION	NAME

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Chapter 1

animation_dtc

1.1 animation_dtc.doc

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animation.datatype()
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1.2 animation.datatype/animation.datatype

NAME

animation.datatype -- root data type for animations.

FUNCTION

The animation.datatype is the super-class for any animation related classes.

This class is responsible for creating the controls, scaling, remapping and synchronization.

METHODS

OM_NEW -- Create a new animation object.

OM_GET -- Obtain the value of an attribute.

OM_SET -- Set the values of multiple attributes.

OM_UPDATE -- Update the values of multiple attributes.

OM_DISPOSE -- Dispose of a animation object.

GM_LAYOUT -- Layout the object and notify the application of the title and size.

GM_HITTEST -- Determine if the object has been hit with the mouse.

GM_GOACTIVE -- Tell the object to go active. On SELECTDOWN, the animation will start playing.

GM_HANDLEINPUT -- Handle input. Currently input (other than

SELECTDOWN) doesn't affect the animation.

GM_RENDER -- Cause the current frame to render.

DTM_FRAMEBOX -- Obtain the display environment that the animation requires.

DTM_TRIGGER -- Cause an event to occur. Currently the only trigger event is STM_PLAY, which will cause the animation to start playing.

DTM_COPY -- Copy the current frame to the clipboard as an IFF ILBM.

DTM_WRITE -- Write the current frame to a file as an IFF ILBM.

DTM_PRINT -- Print the current frame.

ADTM_LOADFRAME -- Load a frame of the animation.

ADTM_UNLOADFRAME -- Deallocate any memory allocated by ADTM_LOADFRAME.

ADTM_START -- Start the animation. This MUST be passed to the super-class AFTER the sub-class has started.

ADTM_PAUSE -- Pause the animation. This MUST be passed to the super-class BEFORE the sub-class pauses.

ADTM_STOP -- Stop the animation. This MUST be passed to the super-class BEFORE the sub-class stops.

ADTM_LOCATE -- Used to locate a frame of the animation.

TAGS

DTA_ControlPanel (BOOL) -- Determine whether the control panel is shown. Defaults to TRUE.

Applicability is (I).

DTA_Immediate (BOOL) -- Indicate whether the animation should immediately begin playing. Defaults to FALSE.

Applicability is (I).

ADTA_Remap (BOOL) -- Indicate whether the animation should be remapped or not.

Applicability is (I).

ADTA_ModeID (ULONG) -- Set and get the graphic mode id of the picture.

Applicability is (ISG).

ADTA_Width (ULONG) -- Width of a frame in pixels.

Applicability is (IG).

ADTA_Height (ULONG) -- Height of a frame in pixels.

Applicability is (IG).

ADTA_Depth (ULONG) -- Depth of the frame.

Applicability is (IG).

ADTA_Frames (ULONG) -- Number of frames in animation.

Applicability is (ISG).

ADTA_KeyFrame (struct BitMap *) -- Pointer to the key frame.

Applicability is (ISG).

ADTA_FramesPerSecond (ULONG) -- Number of frames per second to play.

ADTA_NumColors (WORD) -- Number of colors used by the picture.

Applicability is (ISG).

ADTA_ColorRegisters (struct ColorRegister *) -- Color table.

Applicability is (G).

ADTA_CRegs (ULONG *) -- Color table to use with SetRGB32CM().

Applicability is (G).

ADTA_GRegs (ULONG *) -- Color table.

Applicability is (G).

ADTA_ColorTable (ULONG *) -- Shared pen table.

Applicability is (G).

ADTA_ColorTable2 (ULONG *) -- Shared pen table.

Applicability is (G).

ADTA_Allocated (ULONG) -- Number of shared colors allocated.

Applicability is (G).

ADTA_NumAlloc (WORD) -- Number of colors allocated by the picture.

Applicability is (G).

ADTA_BitMapHeader (struct BitMapHeader *) -- Set and get the base information for the animation. BitMapHeader is defined in <datatypes/pictureclass.h>

Applicability is (G).

SDTA_Sample (BYTE *) -- Pointer to sample data.

Applicability is (ISG).

SDTA_SampleLength (ULONG) -- Length of sample data.

Applicability is (ISG).

SDTA_Period (ULONG) -- Period to play back sample at.

Applicability is (ISG).

SDTA_Volume (ULONG) -- Volume to play back sample at.

Applicability is (ISG).