UHLineShape

INHERITS FROM   UHShape:View:Responder:Object

DECLARED IN   UHLineShape.h

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CLASS DESCRIPTION

The UHLineShape is a simple class that draws lines of various size, color, and orientation to be placed into windows in Interface Builder.   The various attributes can be set via the IB inspector.

INSTANCE VARIABLES

Inherited from Object	Class	isa;
Inherited from Responder	id	nextResponder;

Inherited from View	NXRect	frame;
	NXRect	bounds;
	id superview;	
	id subviews;	
	id window;	
	struct __vFlags	vFlags;
Inherited from UHShape	NXColor	lineColor;
	NXColor	fillColor;
	int tag	
	int choice;	
	BOOL	isBordered;
	BOOL	isFilled
	float	lineWidth;
Declared in UHLineShape	float	angle;

METHOD TYPES

Initializing the View Frame Rectangle   - initFrame:

Drawing the line shape   - drawSelf::

Setting the attributes of the line   - setAngle:
                                                 - angle

Archiving   - read
                                                 - write

INSTANCE METHODS

angle
    - (float)**angle**

Returns the angle of the line used when the value of the *choice* variable is UH_VARIABLESLOPE.   Returns **self**.

drawSelf::
    - **drawSelf:**(const NXRect *)*rects* **:**(int)*rectCount*

Draws the line using the various attributes set in the instance variables.   The general type of line drawn is

determined by the instance variable *choice*.   See "Symbolic Constants" below for allowable values of *choice*. Returns **self**.

initFrame:
   - **initFrame:**(const NXRect *)*frameRect*

Initializes the object, which must be a newly allocated UHLineShape instance.   The View's frame rectangle is made equivalent to that pointed to by *frameRect*.   It also initializes the line width, line color, fill color, border, and fill of the line.   Returns **self**.

read:
   - **read:**(NXTypedStream *)*stream*

Reads the UHLineShape from the typed stream *stream*.

setAngle:
   setAngle:(float)*value*

Sets the angle of the line when its *choice* variable is UH_VARIABLESLOPE.   Returns **self**.

write
            - **write:**(NXTypedStream *)*stream*

Writes the UHLineShape to the typed stream *stream*.

SYMBOLIC CONSTANTS

Allowable values of the instance variable *choice***:**

UH_HORIZONTAL	0
UH_VERTICAL	1
UH_POSITIVESLOPE	2
UH_NEGATIVESLOPE	3
UH_VARIABLESLOPE	4