

MiscPSView

Inherits From: NSView
Declared In: MiscPSView.h

Class Description

The MiscPSView class defines a view that will draw itself using user specified PostScript commands.

Unlike a regular view, a MiscPSView view maintains a PostScript command buffer whose contents are interpreted when the view draws itself. This buffer can be modified dynamically. In this way, MiscPSView provides a class for rendering variable PostScript images. Commands in the buffer may reference the constants *miscwidth* and *mischeight* (defined in the PostScript context). These constants represent the view's dimensions.

To allow for initialization before and clean-up after the drawing process, the MiscPSView class provides hooks for subclasses to overwrite: **writePSPreambleInContext:** and **writePSPostambleInContext:**.

The MiscPSView class implements a cache for faster drawing. The postscript data has to be interpreted only when the cache is invalid.

Instance Variables

No public or protected instance variables defined in this class.

Method Types

Accessing and setting the postscript data

- `setPostScriptData:`
- `postscriptData`

Preamble and postamble hooks for subclasses

- `writePSPreambleIn:`
- `writePSPostambleIn:`

Instance Methods

postscriptData

- (NSData *)**postscriptData**

Returns the contents of the Postscript command buffer of the receiver.

setPostScriptData:

- (void)**setPostScriptData:**(NSData *)*data*

Fills the Postscript command buffer of the receiver with the contents of *data*.

writePSPostambleInContext:

- (void)**writePSPostambleInContext:**(NSDPSServerContext *)*aContext*

Cleans up Postscript environment in the context *aContext*. The `MiscPSView` implementation of this method does nothing.

writePSPreambleInContext:

- (void)writePSPreambleInContext:(NSDPSServerContext *)*aContext*

Writes Postscript initialization in the context *aContext*. The MiscPSView implementation of this method does nothing.