

NSPrintOperation

Inherits From: NSObject

Conforms To: NSCoding
NSObject

Declared In: appkit/NSPrintOperation.h

Creating and Initializing an NSPrintOperation Object

- + (NSPrintOperation *)**EPSOperationWithView:(NSView *)aView
insideRect:(NSRect)rect
toData:(NSMutableData *)data** Returns a new NSPrintOperation object that controls the generation of EPS code from the area specified by *rect* in *aView*, using the parameters in the shared NSPrintInfo object. The code is written to *data*.
- + (NSPrintOperation *)**EPSOperationWithView:(NSView *)aView
insideRect:(NSRect)rect
toData:(NSMutableData *)data
printInfo:(NSPrintInfo *)aPrintInfo** Returns a new NSPrintOperation object that controls the generation of EPS code from the area specified by *rect* in *aView*, using the parameters in *aPrintInfo*. The code is written to *data*.
- + (NSPrintOperation *)**EPSOperationWithView:(NSView *)aView
insideRect:(NSRect)rect
toPath:(NSString *)path
printInfo:(NSPrintInfo *)aPrintInfo** Returns a new NSPrintOperation object that controls the generation of EPS code from the area specified by *rect* in *aView*, using the parameters in *aPrintInfo*. The code is written to *path*.
- + (NSPrintOperation *)**printOperationWithView:(NSView *)aView** Returns a new NSPrintOperation object that controls the printing of *aView*,

- using the parameters in the shared `NSPrintInfo` object.
- + (NSPrintOperation *)**printOperationWithView:(NSView *)aView**
printInfo:(NSPrintInfo *)aPrintInfo Returns a new `NSPrintOperation` object that controls the printing of *aView*, using the parameters in *aPrintInfo*.
 - (id)**initEPSOperationWithView:(NSView *)aView**
insideRect:(NSRect)rect
toData:(NSMutableData *)data
printInfo:(NSPrintInfo *)aPrintInfo Initializes a newly allocated `NSPrintOperation` object to control the generation of EPS code from the area specified by *rect* in *aView*, using the parameters in *aPrintInfo*. The code is written to *data*.
 - (id)**initWithView:(NSView *)aView**
printInfo:(NSPrintInfo *)aPrintInfo Initializes a newly allocated `NSPrintOperation` object to control the printing of *aView*, using the parameters in *aPrintInfo*.

Setting the Print Operation

- + (NSPrintOperation *)**currentOperation** Returns the `NSPrintOperation` that represents the current operation or `nil` if there is no such operation.
- + (void)**setCurrentOperation:(NSPrintOperation *)operation** Sets the `NSPrintOperation` that represents the current operation.

Determining the Type of Operation

- (BOOL)**isEPSOperation** Returns YES if the receiver controls an EPS operation and NO if the receiver controls a printing operation.

Controlling the User Interface

- (NSPrintPanel *)**printPanel** Returns the `NSPrintPanel` object that's used when the operation is run.
- (BOOL)**showPanels** Returns YES to indicate that the Print panel appear when the operation is run.
- (void)**setPrintPanel:(NSPrintPanel *)panel** Sets the `NSPrintPanel` object that's used when the operation is run.
- (void)**setShowPanels:(BOOL)flag** Sets whether the Print panel appears when the operation is run.

Managing the DPS Context

- (NSDPSContext *)**createContext**

Used by the NSPrintOperation object to create the DPS context for output generation, using the current PrintInfo settings.

- (NSDPSContext *)**context**

Returns the DPS context used for the receiver's operation.

- (void)**destroyContext**

Used by the NSPrintOperation object to destroy the DPS context at the end of the operation.

Page Information

- (int)**currentPage**

Returns the page number of the page being printed.

- (NSPrintingPageOrder)**pageOrder**

Returns the order in which pages will be printed.

- (void)**setPageOrder:(NSPrintingPageOrder)order** Sets the order in which pages will be printed.

Running a Print Operation

- (void)**cleanUpOperation**

Invoked at end of an operation's run to set the current operation to **nil**.

- (BOOL)**deliverResult**

Delivers the results generated by **runOperation** to the intended destination: the print spooler, preview application, etc. Returns YES upon successful delivery and NO otherwise.

- (BOOL)**runOperation**

Causes the operation (EPS code generation or printing) to take place. Returns YES upon successful completion and NO otherwise.

Getting the NSPrintInfo Object

- (NSPrintInfo *)**printInfo**

Returns the receiver's NSPrintInfo object.

- (void)**setPrintInfo:(NSPrintInfo *)aPrintInfo**

Sets the receiver's NSPrintInfo object to *aPrintInfo*.