
SBApplicationDelegate Protocol Reference

Interapplication Communication



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SBAApplicationDelegate Protocol Reference

Framework	/System/Library/Frameworks/ScriptingBridge.framework
Availability	Available in Mac OS X v10.6 and later.
Declared in	SBAApplication.h

Overview

This informal protocol defines a delegation method for handling Apple event errors that are sent from an target application to an `SBAApplication` object.

You must set a delegate for the `SBAApplication` object using the `setDelegate:` method. If you do not set a delegate and have the delegate handle the error in some way, `SBAApplication` raises an exception.

Tasks

Handling Errors

- [eventDidFail:withError:](#) (page 5) *required method*
Sent by an `SBAApplication` object when a target application returns an error Apple event. (required)

Instance Methods

eventDidFail:withError:

Sent by an `SBAApplication` object when a target application returns an error Apple event. (required)

```
- (void)eventDidFail:(const AppleEvent *)event withError:(NSError *)error
```

Parameters

event

A pointer to the Apple event sent to the target application causing the error.

error

An object containing information about the error Apple event. Specific information may be included in the `userInfo` dictionary of the error object. See “[User Info Dictionary Keys](#)” (page 6) for a list of possible keys for this dictionary.

Availability

Available in Mac OS X v10.5 and later.

Available as part of an informal protocol prior to Mac OS X v10.6.

Declared In

SBApplication.h

Constants

User Info Dictionary Keys

The following describes the possible keys for the `userInfo` dictionary of the `NSError` object passed to the delegate. Note that for some errors, the `userInfo` dictionary may not have any of these keys.

Constants

@"ErrorBriefMessage"

A short human-readable description of the error, as an `NSString` object.

@"ErrorExpectedType"

The type of data the target application expected, as an `NSAppleEventDescriptor` object.

@"ErrorOffendingObject"

The object that caused the error.

@"ErrorString"

A full human-readable description of the error, as an `NSString` object.

@"ErrorNumber"

The Apple event error number, as an `NSNumber` object.

Declared In

ScriptingBridge/SBApplication.h

Document Revision History

This table describes the changes to *SBAApplicationDelegate Protocol Reference*.

Date	Notes
2007-05-29	New document that describes the informal protocol for handling error Apple events returned from target applications.

REVISION HISTORY

Document Revision History

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Symbols

@"ErrorBriefMessage" **constant** [6](#)
@"ErrorExpectedType" **constant** [6](#)
@"ErrorNumber" **constant** [6](#)
@"ErrorOffendingObject" **constant** [6](#)
@"ErrorString" **constant** [6](#)

E

eventDidFail:withError: **protocol instance method**
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U

User Info Dictionary Keys [6](#)