

```

withEnvironmentVariables:(id)withEnvironmentVariables: \ \ Invoke the "run" scheme
- (Xcode2SchemeActionResult *) runWithCommandLineArguments:(id)withCommandLineArguments
be sent to a workspace document. This command does not wait for the action to stop.
- (void) stop: \ \ Stop the active scheme action, if one is running. This command should
result.
for the action to complete: its progress can be tracked with the returned scheme action
document's current active scheme and active run destination. This command does not wait
should be sent to a workspace document. The clean will be performed using the workspace
- (Xcode2SchemeActionResult *) clean: \ \ Invoke the "clean" scheme action. This command
result.
for the action to complete: its progress can be tracked with the returned scheme action
document's current active scheme and active run destination. This command does not wait
should be sent to a workspace document. The build will be performed using the workspace
- (Xcode2SchemeActionResult *) build: \ \ Invoke the "build" scheme action. This command
- (void) moveTo:(SBObject *)to: \ \ Move an object to a new location.
- (void) delete: \ \ Delete an object.
document.
- (void) closeSaving:(Xcode2SaveOptions)saving savingIn:(NSString *)savingIn: \ \ Close a

```

@protocol XcodeGenericMethods

```

typedef enum Xcode2SchemeActionResultStatus Xcode2SchemeActionResultStatus;
}:
Xcode2SchemeActionResultStatusSucceeded = 'srs', \ \ The action succeeded. * \
due to an error. * \,
Xcode2SchemeActionResultStatusErrorOccurred = 'srse', \ \ The action was not able to run
successfully. * \,
Xcode2SchemeActionResultStatusFailed = 'srft', \ \ The action ran but did not complete
Xcode2SchemeActionResultStatusCancelled = 'srsc', \ \ The action was cancelled. * \,
Xcode2SchemeActionResultStatusRunning = 'srsl', \ \ The action is in progress. * \,
started. * \,
Xcode2SchemeActionResultStatusNotYetStarted = 'srsl', \ \ The action has not yet
enum Xcode2SchemeActionResultStatus {
\ \ The status of a scheme action result object.

```

```

typedef enum Xcode2SaveOptions Xcode2SaveOptions;
}:
Xcode2SaveOptionsAsk = 'ask', \ \ Ask the user whether or not to save the file. * \
Xcode2SaveOptionsNo = 'no', \ \ Do not save the file. * \,
Xcode2SaveOptionsYes = 'yes', \ \ Save the file. * \,
enum Xcode2SaveOptions {

```

```

XcodeProject, XcodeBuildSetting, XcodeResolvedBuildSetting, XcodeTarget,
XcodeTestFailure, Xcode2Scheme, XcodeRunDestination, XcodeDevice, XcodeBuildConfiguration,
Xcode2SchemeActionIssue, XcodeBuildError, XcodeBuildWarning, XcodeAnalyzerIssue,
XcodeTextDocument, XcodeSourceDocument, XcodeWorkspaceDocument, Xcode2SchemeActionResult,
@class XcodeApplication, XcodeDocument, XcodeWindow, XcodeFileDocument,

```

```

#import <ScriptingBridge/ScriptingBridge.h>
#import <AppKit/AppKit.h>

```

```

* \
* Xcode.h
* \

```

@biroberfλ (cobλ' leaqouλλ) WZUW *tjje: \\ Its location on disk' it is has one.
@biroberfλ (leaqouλλ) B00Γ moqitjeq: \\ Has it been modified since the last save?
@biroberfλ (cobλ' leaqouλλ) WZUW *name: \\ Its name.

@tutertace xcoqerocnment : ZB0pject <xcoqerocnment>
\\ A document.

@euq

temboiray qernddind moikzbase.

- (xcoqerocnment *) createtemboirayqernddindmoikzbase: \\ Create a new
- (B00Γ) extje:(tj)x: \\ Verily that an object exists.
- (notq) dnitjavind:(xcoqerocnment)javind: \\ Out the abbreviation.
- (tj) obeu:(tj)x: \\ Obey a document.

@biroberfλ (cobλ' leaqouλλ) WZUW *version: \\ The version number of the abbreviation.
@biroberfλ (leaqouλλ) B00Γ trowmost: \\ Is this the active abbreviation?
@biroberfλ (cobλ' leaqouλλ) WZUW *name: \\ The name of the abbreviation.

- (ZBEJementArlay<xcoqerocnment * > *) mtdomz:
- (ZBEJementArlay<xcoqerocnment * > *) qocnmentz:

@tutertace xcoqerocnment : ZBAbbjicetion
\\ The abbreviation's top-level scribting object.

*\
* Ztandard Zute
*

@euq

action to complete: its progress can be tracked with the returned scheme action result.
specified, the active run destination will be used. This command does not wait for the
beforehand using the moikzbase document's current active scheme. If no run destination is
found be sent to a moikzbase document. If no scheme is specified, the action will be
depending session using the "run" or "run without printing," scheme action. This command
(tj)commandlinearguments environmentvariables:(tj)environmentvariables: \\ Start a
(WZUW *)rundestinationspecifieder sktbbnting:(B00Γ)sktbbnting commandlinearguments:
- (xcoqerocnmentActionResult *) qerndzcheme:(WZUW *)scheme rundestinationspecifieder:
be sent to a moikzbase document. This command does not wait for the action to complete.
(B00Γ)zuzbenq: \\ Start a new depending session in the moikzbase. This command should
- (notq) attachtoprocessIdentifier:(WZUW)toprocessIdentifier zuzbenq:
tracked with the returned scheme action result.
destination. This command does not wait for the action to complete: its progress can be
beforehand using the moikzbase document's current active scheme and active run
action. This command should be sent to a moikzbase document. The test action will be
withEnvironmentVariables:(tj)withEnvironmentVariables: \\ Invoke the "test" scheme
- (xcoqerocnmentActionResult *) testwithCommandlineArguments:(tj)withCommandlineArguments
tracked with the returned scheme action result.
destination. This command does not wait for the action to complete: its progress can be
beforehand using the moikzbase document's current active scheme and active run
action. This command should be sent to a moikzbase document. The run action will be

\\ A document that represents a file on disk. It also provides access to the window it

@end

@private (cobj) method *baf*: \\ The document's baf.

@interface XcodeDocument (XcodeDocument.h)

\\ An Xcode-compatible document.

*\\
* Xcode document hfile
*

@end

workspace document in Xcode.

@private (cobj) XcodeWorkspaceDocument *activeWorkspaceDocument: \\ The active

- (NSString*)<XcodeWorkspaceDocument *> *) workspaceDocuments;
- (NSString*)<XcodeZoneDocument *> *) zoneDocuments;
- (NSString*)<XcodeFileDocument *> *) fileDocuments;

@interface XcodeAbstraction (XcodeAbstraction.h)

\\ The Xcode abstraction.

*\\
* Xcode Abstraction hfile
*

@end

qibjagel in the window.

@private (cobj, leqougl) XcodeDocument *document: \\ The document whose contents are

@private B00F zoomed: \\ Is the window zoomed right now?

@private (leqougl) B00F zoomed: \\ Does the window have a zoom point?

@private B00F vize: \\ Is the window vize right now?

@private (leqougl) B00F rezize: \\ Can the window be resized?

@private B00F wintwize: \\ Is the window wintwize right now?

@private (leqougl) B00F wintwize: \\ Does the window have a wintwize point?

@private (leqougl) B00F close: \\ Does the window have a close point?

@private method: \\ The pointing rectangle of the window.

@private method index: \\ The index of the window, ordered front to back.

- (method) id: \\ The unique identifier of the window.

@private (cobj, leqougl) method *name: \\ The title of the window.

@interface XcodeWindow : NSObject <XcodeGenericMethods>

\\ A window.

@end

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* xcode scheme suite
\*
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@end

if has one:

@property (copy, readonly) NSString *title: \ The workspace document's location on disk, if result for the last scheme action command issued to the workspace document.

@property (copy) XcodeSchemeActionResult *lastSchemeActionResult: \ The scheme action destination that will be used for scheme actions.

@property (copy) XcodeRunDestination *activeRunDestination: \ The workspace's run for scheme actions.

@property (copy) XcodeScheme *activeScheme: \ The workspace's scheme that will be used errors.

return object. Messages sent to a workspace document before it has loaded will result in @property BOG loaded: \ Whether the workspace document has finished loading after

- (NSArray<XcodeRunDestination *> *) runDestinations;
- (NSArray<XcodeScheme *> *) schemes;
- (NSArray<XcodeProject *> *) projects;

@interface XcodeWorkspaceDocument : XcodeDocument
for almost all objects and commands in Xcode.

\ A document that represents a workspace on disk. Workspaces are the top-level container

@end

@interface XcodeSourceDocument : XcodeTextDocument
window it appears in.

\ A document that represents a source file on disk. It also provides access to the

@end

is closed;

@property BOG notifiesWhenClosing: \ Should Xcode notify other apps when this document

@property (copy) NSString *text: \ The text of the text file referenced.

baradbar positions that contain the selection.

@property (copy) NSArray<NSNumber *> *selectedBaradbarRange: \ The first and last character positions in the selection.

@property (copy) NSArray<NSNumber *> *selectedCharacterRange: \ The first and last

@interface XcodeTextDocument : XcodeFileDocument
it appears in.

\ A document that represents a text file on disk. It also provides access to the window

@end

@interface XcodeFileDocument : XcodeDocument
appears in.

@interface XcodeBuildWarning : XcodeSchemeActionIssue
\\ A warning generated by a build.

@end

@interface XcodeBuildError : XcodeSchemeActionIssue
\\ An error generated by a build.

@end

specific source file.

the issue occurred. This may be ,missing value, if the issue is not associated with a
@property NSInteger endingColumnNumber: \\ the ending column number in the file where
a specific source file.

where the issue occurred. This may be ,missing value, if the issue is not associated with
@property NSInteger startingColumnNumber: \\ the starting column number in the file
specific source file.

issue occurred. This may be ,missing value, if the issue is not associated with a
@property NSInteger endingLineNumber: \\ the ending line number in the file where the
specific source file.

the issue occurred. This may be ,missing value, if the issue is not associated with a
@property NSInteger startingLineNumber: \\ the starting line number in the file where
be ,missing value, if the issue is not associated with a specific source file.

@property (copy) NSString *filePath: \\ the file path where the issue occurred. This may
@property (copy) NSString *message: \\ the text of the issue.

@interface XcodeSchemeActionIssue : NSObject <XcodeGenericMethods>
\\ An issue (like an error or warning) generated by a scheme action.

@end

will be the text of the build log.

@property (copy) NSString *buildLog: \\ If this scheme action performed a build, this
this will be the error message; otherwise, this will be ,missing value."

@property (copy) NSString *errorMessage: \\ If the result's status is "error occurred",
action."

@property XcodeSchemeActionResult status: \\ Indicates the status of the scheme
(successfully or otherwise) or not.

@property (readonly) BOOL completed: \\ Whether this scheme action has completed
- (NSString *) id: \\ the unique identifier for the scheme.

- (NSArray<XcodeTestFailure*> *) testFailures;
- (NSArray<XcodeAnalysisIssue*> *) analysisIssues;
- (NSArray<XcodeBuildWarning*> *) buildWarnings;
- (NSArray<XcodeBuildError*> *) buildErrors;

@interface XcodeSchemeActionResult : NSObject <XcodeGenericMethods>
\\ An object describing the result of performing a scheme action command.

*\

@briobertyl (readonly) BOOΓ generic: \\ Whether this run destination is generic instead of
 ATL, which this run destination targets.
 @briobertyl (cobyl, readonly) N22rlnd *deviceModel: \\ The model of device (e.g. "Tbaq
 oberatund zlytem instajjed on the device which this run destination targets".
 @briobertyl (cobyl, readonly) N22rlnd *oberatundzlytemVersion: \\ The version of the
 device, as shown in xcode,2 "Devices" window.
 @briobertyl (cobyl, readonly) N22rlnd *deviceIdentifier: \\ A stable identifier for the
 @briobertyl (cobyl, readonly) N22rlnd *name: \\ The name of the device.

@interface XcodeDevice : NSObject <XcodeGenericMethods>
 destination

\\ A device which can be used as the target for a scheme action, as part of a run

end

device

device has a combination (e.g. a binary match for a phone) which it will use, this is that
 @briobertyl (cobyl, readonly) XcodeDevice *combinationDevice: \\ If the run destination,2
 this run destination targets.

@briobertyl (cobyl, readonly) XcodeDevice *device: \\ The binary or virtual device which
 this run destination targets, such as "asox", "tphone2", "tphone2unlfor", etc .

@briobertyl (cobyl, readonly) N22rlnd *platform: \\ The identifier of the platform which
 run destination results in execution.

@briobertyl (cobyl, readonly) N22rlnd *architecture: \\ The architecture for which this
 qizbjaleq in xcode,2 interface.

@briobertyl (cobyl, readonly) N22rlnd *name: \\ The name of the run destination, as

@interface XcodeRunDestination : NSObject <XcodeGenericMethods>
 before a scheme action.

\\ An object which specifies parameters such as the device and architecture for which to

end

- (N22rlnd *) id: \\ The unique identifier for the scheme.

@briobertyl (cobyl, readonly) N22rlnd *name: \\ The name of the scheme.

@interface XcodeScheme : NSObject <XcodeGenericMethods>
 workspace.

\\ A set of parameters for building, testing, launching or distributing the products of a

end

@interface XcodeTestFailure : XcodeSchemeActionIssue

\\ A failure from a test.

end

@interface XcodeAnalyzerIssue : XcodeSchemeActionIssue

\\ A warning generated by the static analyzer.

end

@property (copy) NSString *value: \\ A string value for the build setting.
@property (copy) NSString *name: \\ The unlocalized build setting name (e.g. DEBUG).

@interface XcodeResolvedBuildSetting : NSObject <XcodeGenericMethods>
\\ An object that represents a resolved value for a build setting.

@end

@property (copy) NSString *value: \\ A string value for the build setting.
@property (copy) NSString *name: \\ The unlocalized build setting name (e.g. DEBUG).

@interface XcodeBuildSetting : NSObject <XcodeGenericMethods>
\\ A setting that controls how products are built.

@end

- (NSString *) id: \\ The unique identifier for the project.
@property (copy, readonly) NSString *name: \\ The name of the project

- (NSArray<XcodeTarget*> *) targets:
- (NSArray<XcodeBuildConfiguration*> *) buildConfigurations:

@interface XcodeProject : NSObject <XcodeGenericMethods>
context of a workspace document.
\\ An Xcode project. Projects represent project files on disk and are always open in the

@end

@property (copy, readonly) NSString *name: \\ The name of the build configuration.

- (NSString *) id: \\ The unique identifier for the build configuration.

- (NSArray<XcodeResolvedBuildSetting*> *) resolvedBuildSettings:
- (NSArray<XcodeBuildSetting*> *) buildSettings:

@interface XcodeBuildConfiguration : NSObject <XcodeGenericMethods>
named build configurations as the project.
\\ A set of build settings for a target or project. Each target in a project has the same

*\
* Xcode project suite
*

@end

physical devices are connected.
destination (such as "Any iOS Device") will be available for some platforms if no
representing a specific device. Most destinations are not generic, but a generic

@end

target

@property (copy, readonly) xcodeProject *project: \\ The project that contains this

- (NSString *) id: \\ The unique identifier for the target.

@property (copy) NSString *name: \\ The name of this target.

- (SBElementArray<XCCodeBuildConfiguration *> *) buildConfigurations;

@interface XCCodeTarget : SBObject <XCCodeGenericMethods>

the project it not overridden in the target.

\\ A target is a blueprint for building a product. Targets inherit build settings from

@end