Automator Constants Reference

Apple Applications > Automator

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Automator Constants Reference

Framework: Automator.framework
Declared in AutomatorErrors.h

Overview

This document defines constants in the Automator framework that are not associated with a particular class.

Constants

Enumerations

NSError Codes

`NSError` codes in the Automator error domain.

```
enum {

    // Workflow errors
    AMWorkflowNewerVersionError = -100,
    AMWorkflowPropertyListInvalidError = -101,
    AMWorkflowNewerActionVersionError = -111,
    AMWorkflowOlderActionVersionError = -112,

    // Workflow runtime errors
    AMUserCanceledError = -128,
```


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```
    // Action errors
    AMNoSuchActionError = -200,
    AMActionNotLoadableError = -201,
    AMActionArchitectureMismatchError = -202,
    AMActionRuntimeMismatchError = -203,
    AMActionLoadError = -204,
    AMActionLinkError = -205,
    AMActionApplicationResourceError = -206,
    AMActionApplicationVersionResourceError = -207,
    AMActionFileResourceError = -208,
    AMActionLicenseResourceError = -209,
    AMActionRequiredActionResourceError = -210,
    AMActionInitializationError = -211,
    AMActionExecutionError = -212,
    AMActionExceptionError = -213,
    AMActionPropertyListInvalidError = -214,
    AMActionInsufficientDataError = -215,
    AMActionIsDeprecatedError = -216,

    // Data conversion errors
    AMConversionNotPossibleError = -300,
    AMConversionNoDataError = -301,
    AMConversionFailedError = -302
};
```

Constants

`AMWorkflowNewerVersionError`

Attempt to open a workflow document that was saved with a newer version of Automator.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMWorkflowPropertyListInvalidError`

Attempt to open a workflow document whose property list (`document.wflow`) could not be read; the property list document could be missing, damaged, or constructed improperly.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMWorkflowNewerActionVersionError`

An action in a workflow is newer than the installed action; this error is presented to the user as a warning.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMWorkflowOlderActionVersionError`

An action in a workflow is older than the installed action; this error is presented to the user as a warning.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

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`AMUserCanceledError`
: The user cancelled. This error is the same as the AppleScript error `userCanceledErr`, defined in `MacErrors.h`. When an Apple Event is canceled by the user, a running action may return this error. Automator ignores the error and stops the workflow gracefully, without displaying the error to the user.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMNoSuchActionError`
: The action could not be located on the system.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionNotLoadableError`
: The action's executable is of a type that is not loadable in the current process. If the action uses a custom subclass of `AMBundleAction` or `AMAppleScriptAction`, then the most likely problem is that the bundle's executable is missing or the `NSPrincipleClass` is not set in the `Info.plist`. Users are likely to be confused by a “missing bundle” error, so Automator presents it as the more generic “action not loadable” error.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionArchitectureMismatchError`
: The action's binary is not compatible with the current processor; actions compiled for PowerPC, for example, would encounter this error on Intel systems.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionRuntimeMismatchError`
: An attempt was made to load an action that is not compiled in a way that is compatible with the current application; for example, the action may be compiled for 32-bit applications or it may not be compatible with garbage collection.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionLoadError`
: The action's executable failed to load; for example, there may have been a problem with a library it depends on.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionLinkError`
: The action's executable failed to load due to linking issues.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionApplicationResourceError`
: An application required by the action is not found.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

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`AMActionApplicationVersionResourceError`
An application required by the action is the wrong version.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionFileResourceError`
A file required by the action is not found.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionLicenseResourceError`
A license required by the action was not found. The only license currently supported is QuickTime Pro.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionRequiredActionResourceError`
An action required by the action is not loaded.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionInitializationError`
Automator is unable to initialize an action (reason unknown).

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionExecutionError`
An action encounters an error while running.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionExceptionError`
An action encounters an exception while running.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionPropertyListInvalidError`
The property list (`Info.plist`) for an action is invalid; it could be missing, damaged, or constructed improperly.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionInsufficientDataError`
The action requires input data to run, but none was supplied.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

`AMActionIsDeprecatedError`
The action has been deprecated. Use a replacement action, if available.

Available in Mac OS X v10.5 and later.

Declared in `AutomatorErrors.h`.

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`AMConversionNotPossibleError`
: The converter determines that it is unable to convert from one data type to another. Not displayed to the user.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMConversionNoDataError`
: The converter determines that a given conversion, though possible, would produce a `nil` result. Not displayed to the user.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMConversionFailedError`
: Occurs when, for example, the converter encounters an error converting data from one type to another.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

Discussion
The constants in this enumeration are `NSError` code numbers in the Automator error domain (`AMAutomatorErrorDomain`). You'll obtain these error codes from the instances of `NSError` returned, for example, by certain methods of `AMWorkflow` and `AMWorkflowController`. For related information, see `AMActionErrorKey` (page 9).

Declared In
`AutomatorErrors.h`

Constants

Automator Constants

These constants are used in the Automator framework.

```
#define AMAutomatorErrorDomain @"com.apple.Automator"
#define AMActionErrorKey       @"AMActionErrorKey"
```

Constants
`AMAutomatorErrorDomain`
: This constant defines the Automator error domain.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

`AMActionErrorKey`
: Use this key to obtain, from the `userInfo` dictionary of an instance of `NSError`, a reference to the action (class `AMAction`) that caused the error.

  Available in Mac OS X v10.5 and later.

  Declared in `AutomatorErrors.h`.

Declared In
`AutomatorErrors.h`

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Document Revision History

This table describes the changes to *Automator Constants Reference*.

Date	Notes
2007-05-10	New document that describes constants in the Automator framework that are not associated with a particular class.

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