NSDeserializer Class Reference

Cocoa > Objective-C Language

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Overview

Note: NSDeserializer is obsolete and has been deprecated. Instead use `NSPropertyListSerialization`.

The `NSDeserializer` class declares methods that convert a representation of a property list (as contained in an `NSData` object) into a structure of property list objects in memory. The `NSDeserializer` class object itself provides these methods—you don't create instances of `NSDeserializer`. Options to these methods allow you to specify that container objects (arrays or dictionaries) in the resulting graph be mutable or immutable; that deserialization begin at the start of the data or from some position within it; or that deserialization occur lazily, so a property list is deserialized only if it is actually going to be accessed.

Tasks

Deserializing a Property List

`+ deserializePropertyListFromData:atCursor:mutableContainers:` (page 7) Deprecated in Mac OS X v10.2

Returns a property list object from a given location in a given serialized representation of a property list.

`+ deserializePropertyListFromData:mutableContainers:` (page 7) Deprecated in Mac OS X v10.2

Returns a property list object from given serialized data, optionally making the list elements mutable.

`+ deserializePropertyListLazilyFromData:atCursor:length:mutableContainers:` (page 8) Deprecated in Mac OS X v10.2

Returns a property list from a given location in a given serialized representation of a property list.

Deprecated NSDeserializer Methods

A method identified as deprecated has been superseded and may become unsupported in the future.

Deprecated in Mac OS X v10.2

deserializePropertyListFromData:atCursor:mutableContainers:

Returns a property list object from a given location in a given serialized representation of a property list. (Deprecated in Mac OS X v10.2.)

```
+ (id)deserializePropertyListFromData:(NSData *)data atCursor:(unsigned *)cursor
    mutableContainers:(BOOL)mutable
```

Parameters

data

A serialized representation of a property list.

cursor

mutable

If YES and the property list object is a dictionary or an array, the recomposed object is made mutable

Return Value

A property list object corresponding to the representation in *data* at the location *cursor*. Returns nil if the property list object is not valid for property lists.

Availability

Deprecated in Mac OS X v10.2.

Declared In

NSSerialization.h

deserializePropertyListFromData:mutableContainers:

Returns a property list object from given serialized data, optionally making the list elements mutable. (Deprecated in Mac OS X v10.2.)

```
+ (id)deserializePropertyListFromData:(NSData *)serialization
    mutableContainers:(BOOL)mutable
```

Parameters

serialization

A serialized representation of a property list.

mutable

If YES and the property list object is a dictionary or an array, the recomposed object is made mutable.

Return Value

A property list object corresponding to the representation in *serialization*, or nil if *serialization* does not represent a property list.

Availability

Deprecated in Mac OS X v10.2.

Declared In

NSSerialization.h

deserializePropertyListLazilyFromData:atCursor:length:mutableContainers:

Returns a property list from a given location in a given serialized representation of a property list. (Deprecated in Mac OS X v10.2.)

```
+ (id)deserializePropertyListLazilyFromData:(NSData *)data atCursor:(unsigned
    *)cursor length:(unsigned)length mutableContainers:(BOOL)mutable
```

Parameters

data

A serialized representation of a property list.

cursor

The cursor location.

length

The number of bytes to read.

mutable

If YES and the object is a dictionary or an array, the recomposed object is made mutable.

Return Value

A property list from *data* at location *cursor*, or nil if *data* does not represent a property list.

Discussion

The deserialization proceeds lazily—that is, if the data at *cursor* has a length greater than *length*, a proxy is substituted for the actual property list as long as the constituent objects of that property list are not accessed.

Availability

Deprecated in Mac OS X v10.2.

Declared In

NSSerialization.h

Document Revision History

This table describes the changes to *NSDeserializer Class Reference*.

Date	Notes
2006-05-23	First publication of this content as a separate document.

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