
CFBoolean Reference

Core Foundation



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CFBoolean Reference

Derived From:	CFPropertyList : CType
Framework:	CoreFoundation/CoreFoundation.h
Companion guide	Property List Programming Topics for Core Foundation
Declared in	CFNumber.h

Overview

CFBoolean objects are used to wrap boolean values for use in Core Foundation property lists and collection types.

Functions

CFBooleanGetTypeID

Returns the Core Foundation type identifier for the CFBoolean opaque type.

```
CTypeID CFBooleanGetTypeID (
    void
);
```

Return Value

The Core Foundation type identifier for CFBoolean opaque type.

Availability

Available in CarbonLib v1.0 and later.

Available in Mac OS X v10.0 and later.

Related Sample Code

Cocoa PDE with Carbon Printing

DRDataBurnCarbonUI

DREraseCarbonUI

HID Manager Basics

QISA

Declared In

CFNumber.h

CFBooleanGetValue

Returns the value of a CFBoolean object as a standard C type `Boolean`.

```
Boolean CFBooleanGetValue (
    CFBooleanRef boolean
);
```

Parameters

boolean

The boolean to examine.

Return Value

The value of *boolean*.

Availability

Available in CarbonLib v1.0 and later.

Available in Mac OS X v10.0 and later.

Related Sample Code

databurntest

GLCarbon1ContextPbuffer

GLCarbonSharedPbuffer

HID Utilities Source

SeeMyFriends

Declared In

CFNumber.h

Data Types

CFBooleanRef

A reference to a CFBoolean object.

```
typedef const struct __CFBoolean *CFBooleanRef;
```

Discussion

CFBoolean objects are used to wrap boolean values for use in Core Foundation property lists and collection types.

Availability

Available in Mac OS X v10.0 and later.

Declared In

CFNumber.h

Constants

Boolean Values

CFBoolean evaluates to either true or false values where `kCFBooleanTrue` is the true, and `kCFBooleanFalse` is the false value.

```
const CFBooleanRef kCFBooleanTrue;  
const CFBooleanRef kCFBooleanFalse;
```

Constants

`kCFBooleanTrue`

Boolean true value.

Available in Mac OS X v10.0 and later.

Declared in `CFNumber.h`.

`kCFBooleanFalse`

Boolean false value.

Available in Mac OS X v10.0 and later.

Declared in `CFNumber.h`.

Document Revision History

This table describes the changes to *CFBoolean Reference*.

Date	Notes
2005-12-06	Made minor changes to text to conform to reference consistency guidelines.
2005-08-11	Cosmetic changes to conform to documentation guidelines.
2003-01-01	First version of this document.

REVISION HISTORY

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