

## **dateToJulian**

DataFolderRefStatus returns a bitwise result with bit 0 indicating if the reference is valid and bit 1 indicating if the reference data folder is free. Therefore the returned values are:

- 0: The data folder reference is invalid.
- 1: The data folder reference refers to a regular global data folder.
- 3: The data folder reference refers to a free data folder.

A data folder reference is invalid if it was never assigned a value or if it is assigned an invalid value. For example:

```
DFREF dfr                                // dfr is invalid
DFREF dfr = root:                         // dfr is valid
DFREF dfr = root:NonExistentDataFolder    // dfr is invalid
DFREF dfr = root:ExistingDataFolder       // dfr is valid
KillDataFolder dfr                         // dfr is invalid
```

You should use DataFolderRefStatus to test any DFREF variables that might not be valid, such as after assigning a reference when you are not sure that the referenced data folder exists. For historical reasons, if you use an invalid DFREF variable it will often act like root.

### **See Also**

**Data Folders** on page II-107, **Data Folder References** on page IV-78, **Built-in DFREF Functions** on page IV-81.

## **dateToJulian**

**dateToJulian(*year*, *month*, *day*)**

The dateToJulian function returns the Julian day number for the specified date. The Julian day starts at noon. Use negative numbers for BC years and positive numbers for AD years. To exclude any ambiguity, there is no year zero in this calendar. For general orientation, Julian day 2450000 corresponds to October 9, 1995.

### **See Also**

The **JulianToDate** function.

For more information about the Julian calendar see:

<<http://www.tondering.dk/claus/calendar.html>>.

## **date**

**date()**

The date function returns a string containing the current date.

Formatting of dates depends on your operating system and on your preferences entered in the Date & Time control panel (*Macintosh*) or the Regional Settings control panel (*Windows*).

### **Examples**

```
Print date()           // Prints Mon, Mar 15, 1993
```

### **See Also**

The **Secs2Date**, **Secs2Time**, and **time** functions.