MDSchema Reference

Carbon > File Management



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MDSchema Reference

Framework: CoreServices/CoreServices.h

Companion guide Spotlight Overview

Declared in MDSchema.h

Overview

The MDSchema functions provide information about the metadata returned for an item including the type of metadata provided for a file type, the localized display name for a metadata attribute key, and the schema for a metadata attribute key.

Functions

MDS chema Copy All Attributes

Returns an array containing all the metadata attributes defined in the schema.

```
CFArrayRef MDSchemaCopyAllAttributes (
    void
);
```

Availability

Available in Mac OS X version 10.4 or later.

Declared In

MDSchema.h

MDS chema Copy Attributes For Content Type

Returns a dictionary containing the metadata attributes for the specified UTI type.

Parameters

```
utiType
```

The UTI type.

Return Value

A dictionary containing kMDAttributeDisplayValues and kMDAttributeAllValues keys. Returns NULL if the UTI type is unknown.

Discussion

This function returns the metadata attributes for the specified UTI type only.

Availability

Available in Mac OS X version 10.4 or later.

Declared In

MDSchema.h

MDS chema Copy Display Description For Attribute

Returns the localized description of a metadata attribute key.

Parameters

name

The name of the metadata attribute key.

Return Value

The localized description of the metadata attribute, or NULL if no localized description is available.

Availability

Available in Mac OS X version 10.4 or later.

Declared In

MDSchema.h

MDSchemaCopyDisplayNameForAttribute

Returns the localized display name of a metadata attribute key.

```
CFStringRef MDSchemaCopyDisplayNameForAttribute (
    CFStringRef name
):
```

Parameters

name

The name of the metadata attribute key.

Return Value

The localized display name of the metadata attribute, or NULL if no localized display name is available.

Availability

Available in Mac OS X version 10.4 or later.

Declared In

MDSchema.h

MDSchemaCopyMetaAttributesForAttribute

Returns a dictionary describing the values for the specified metadata attribute key.

```
CFDictionaryRef MDSchemaCopyMetaAttributesForAttribute (
    CFStringRef name
);
```

Parameters

name

The name of the metadata attribute key.

Return Value

A dictionary describing the schema of the metadata attribute key.

Availability

Available in Mac OS X version 10.4 or later.

Declared In

MDSchema.h

Constants

Available Metadata Attribute Keys

Specify the available metadata attribute keys for a content type.

```
const CFStringRef kMDAttributeDisplayValues;
const CFStringRef kMDAttributeAllValues;
```

Constants

kMDAttributeDisplayValues

An array of strings containing the available display metadata attribute keys, or NULL if the type is not known by the system.

Available in Mac OS X v10.4 and later.

Declared in MDSchema.h.

kMDAttributeAllValues

An array of strings containing available the metadata attribute keys, or NULL if the type is not known by the system.

Available in Mac OS X v10.4 and later.

Declared in MDSchema.h.

Discussion

These keys are in the dictionary returned by the function MDSchemaCopyAttributesForContentType.

Availability

Available in Mac OS X version 10.4 and later.

Metadata Attribute Schema Description Keys

Specify the schema of a metadata attribute key.

Constants 2005-04-29 | © 2004, 2005 Apple Computer, Inc. All Rights Reserved.

```
const CFStringRef kMDAttributeName;
const CFStringRef kMDAttributeType;
const CFStringRef kMDAttributeMultiValued;
```

Constants

kMDAttributeName

A string containing the name of the metadata attribute key.

Available in Mac OS X v10.4 and later.

Declared in MDSchema.h.

kMDAttributeType

A CFNumberRef or CFTypeld describing the type of data returned as the value of the metadata attribute key.

Available in Mac OS X v10.4 and later.

Declared in MDSchema.h.

kMDAttributeMultiValued

A boolean that indicates if the metadata attribute value is multi-valued. If this is TRUE, the metadata attribute value is an array of the types specified in kMDAttributeType.

Available in Mac OS X v10.4 and later.

Declared in MDSchema.h.

Discussion

These keys are in the dictionary returned by the function MDSchemaCopyMetaAttributesForAttribute.

Availability

Available in Mac OS X version 10.4 and later.

Document Revision History

This table describes the changes to MDSchema Reference.

Date	Notes
2005-04-29	Added new schema API. First public version.
2004-06-28	New document that describes the functions that allow inspection of a metadata schema.

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