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# Sync Services Constants Reference

Data Management: Syncing



2009-03-16



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# Sync Services Constants Reference

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<b>Framework:</b>	SyncServices/SyncServices.h
<b>Declared in</b>	SyncServicesErrors.h

## Overview

This chapter describes the types and constants found in the Sync Services:

## Constants

### Enumerations

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#### Error Codes

Codes for errors that can occur when using an `ISyncSessionDriver` object or other Sync Services classes.

```
enum {  
    ISyncSessionClientAlreadySyncingError = 100,  
    ISyncSessionUserCanceledSessionError = 101,  
    ISyncSessionDriverRegistrationError = 200,  
    ISyncSessionDriverPullFailureError = 201,  
    ISyncSessionDriverFatalError = 300  
};
```

#### Constants

`ISyncSessionClientAlreadySyncingError`  
Error code that indicates the client is already syncing.  
Available in Mac OS X v10.5 and later.  
Declared in `SyncServicesErrors.h`.

`ISyncSessionUserCanceledSessionError`  
Error code that indicates the user canceled the sync session.  
Available in Mac OS X v10.5 and later.  
Declared in `SyncServicesErrors.h`.

`ISyncSessionDriverRegistrationError`

Error code that indicates the session driver failed to register the client.

Available in Mac OS X v10.5 and later.

Declared in `SyncServicesErrors.h`.

`ISyncSessionDriverPullFailureError`

Error code that indicates the session driver failed to pull records.

Available in Mac OS X v10.5 and later.

Declared in `SyncServicesErrors.h`.

`ISyncSessionDriverFatalError`

Error code that indicates an `ISyncSessionDriver` received a fatal error.

Available in Mac OS X v10.5 and later.

Declared in `SyncServicesErrors.h`.

**Availability**

Available in Mac OS X v10.5 and later.

**Declared In**

`SyncServices/SyncServicesErrors.h`

## Global Variables

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### Sync Services Errors

Errors that can occur when using Sync Services classes and methods.

```
NSString *const ISyncErrorDomain;
```

**Constants**

`ISyncErrorDomain`

Domain for errors that occurred using Sync Services classes and methods.

Available in Mac OS X v10.5 and later.

Declared in `SyncServicesErrors.h`.

**Declared In**

`SyncServices/SyncServicesErrors.h`

### Sync Services Exceptions

Exceptions that can occur when using Sync Services classes and methods.

```
NSString * const ISyncInvalidSchemaException;  
NSString * const ISyncInvalidArgumentsException;
```

**Constants**

`ISyncInvalidSchemaException`

Occurs when a client tries to register an invalid schema or schema extension.

Available in Mac OS X v10.6 and later.

Declared in `SyncServicesErrors.h`.

`ISyncInvalidArgumentsException`

Occurs when a Sync Services method is passed bad or inconsistent arguments.

Available in Mac OS X v10.6 and later.

Declared in `SyncServicesErrors.h`.

**Declared In**

`SyncServices/SyncServicesErrors.h`



# Document Revision History

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This table describes the changes to *Sync Services Constants Reference*.

Date	Notes
2009-03-16	Updated for Mac OS X v10.6 by adding the <code>ISyncInvalidSchemaException</code> and <code>ISyncInvalidArgumentsException</code> constants.
2007-07-11	Updated for Mac OS X 10.5. First publication of this content as a separate document.

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