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# InstantMessage Data Types Reference

[Cocoa > Apple Applications](#)



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# InstantMessage Data Types Reference

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<b>Framework:</b>	InstantMessage/IMService.h
<b>Declared in</b>	IMService.h

## Overview

This document describes the data types found in the Instant Message framework.

## Data Types

### **IMPersonStatus**

Online status states for a person (accessed using the `IMPersonStatus` key).

```
typedef enum {
    IMPersonStatusUnknown,
    IMPersonStatusOffline,
    IMPersonStatusIdle,
    IMPersonStatusAway,
    IMPersonStatusAvailable
} IMPersonStatus;
```

#### **Discussion**

These states are described in “Constants” in `IMService`.

#### **Availability**

Available in Mac OS X version 10.4 and later.

#### **Declared In**

`IMService.h`

### **IMServiceStatus**

Status states for the service (accessed using the `status` instance method).

```
typedef enum {  
    IMServiceStatusLoggedOut,  
    IMServiceStatusDisconnected,  
    IMServiceStatusLoggingOut,  
    IMServiceStatusLoggingIn,  
    IMServiceStatusLoggedIn  
} IMServiceStatus;
```

### **Discussion**

These states are described in “Constants” in `IMService`.

### **Availability**

Available in Mac OS X version 10.4 and later.

### **Declared In**

`IMService.h`

# Document Revision History

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This table describes the changes to *InstantMessage Data Types Reference*.

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

## REVISION HISTORY

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