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# InstantMessage Constants Reference

[Cocoa](#) > [Apple Applications](#)



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# InstantMessage Constants Reference

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**Framework:** InstantMessage/IMService.h

## Overview

This document describes the constants found in the Instant Message framework.

## Constants

### Properties

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#### Client Properties

Capabilities that the relevant screen name's client supports.

```
extern NSString *IMCapabilityText;  
extern NSString *IMCapabilityDirectIM;  
extern NSString *IMCapabilityFileTransfer;  
extern NSString *IMCapabilityFileSharing;  
extern NSString *IMCapabilityAudioConference;  
extern NSString *IMCapabilityVideoConference;
```

#### Discussion

These properties are described in "Constants" in IMService.

#### Availability

Available in Mac OS X version 10.4 and later.

#### Screen Name Properties

Keys describing a particular screen name.

```
extern NSString *IMPPersonServiceNameKey;  
extern NSString *IMPPersonScreenNameKey;  
extern NSString *IMPPersonStatusKey;  
extern NSString *IMPPersonStatusMessageKey;  
extern NSString *IMPPersonIdleSinceKey;  
extern NSString *IMPPersonFirstNameKey;  
extern NSString *IMPPersonLastNameKey;  
extern NSString *IMPPersonEmailKey;  
extern NSString *IMPPersonPictureDataKey;  
extern NSString *IMPPersonAVBusyKey;  
extern NSString *IMPPersonCapabilitiesKey;
```

#### **Discussion**

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

#### **Availability**

Available in Mac OS X version 10.4 and later.

## Notifications

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### **IMPersonInfoChangedNotification**

Posted when a screen name changes some aspect of their published information.

```
extern NSString *IMPersonInfoChangedNotification;
```

#### **Discussion**

This notification is described in “Notifications” in `IMService`.

#### **Availability**

Available in Mac OS X version 10.4 and later.

### **IMPersonStatusChangedNotification**

Posted when a different user (screen name) logs in, logs off, goes away, and so on

```
extern NSString *IMPersonStatusChangedNotification;
```

#### **Discussion**

This notification is described in “Notifications” in `IMService`.

#### **Availability**

Available in Mac OS X version 10.4 and later.

### **IMServiceStatusChangedNotification**

Posted when the user logs in, logs off, goes away, and so on.

```
extern NSString *IMServiceStatusChangedNotification;
```

**Discussion**

This notification is described in “Notifications” in IMService.

**Availability**

Available in Mac OS X version 10.4 and later.

## **IMStatusImagesChangedAppearanceNotification**

Posted when the user changes their preferred images for displaying status.

```
extern NSString *IMStatusImagesChangedAppearanceNotification;
```

**Discussion**

This notification is described in “Notifications” in IMService.

**Availability**

Available in Mac OS X version 10.4 and later.





# Document Revision History

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This table describes the changes to *InstantMessage Constants Reference*.

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

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