

## All Classes

SMApplication  
 SMCallback  
 SMClearCache  
 SMContentType  
 SMEvent  
 SMEventUserLogin  
 SMEventUserLogout  
 SMEventUserRegister  
 SMEventUserUnregister  
 SMForegroundGcmBroadcastReceiver  
 SMInAppContent  
 SMInAppContent.DisplayMessage  
 SMInAppContent.HtmlFragment  
 SMInAppContent.ImageFragment  
 SMInAppContent.UrlFragment  
 SMInAppMessage  
 SMInAppRefreshType  
 SMLink  
 SMManager  
 SMNotificationButton  
 SMNotificationCallback  
 SMRemoteMessageDisplay  
 SMSettings  
 SMThemeCategories

## Package com.selligent.sdk

### Interface Summary

Interface	Description
<b>SMCallback</b>	This allows to write codes that will be executed after an event is sent to the Selligent platform
<b>SMNotificationCallback</b>	Deprecated <i>Since 1.3, a broadcast is performed at the click on a button (cf.</i>

### Class Summary

Class	Description
<b>SMApplication</b>	The Application class of the SDK from which the app custom Application should be extended.
<b>SMEvent</b>	Object used to send a custom event to the Selligent platform with SMManager.sendEvent.
<b>SMEventUserLogin</b>	Object used to send a "login" event to the Selligent platform with SMManager.sendEvent.
<b>SMEventUserLogout</b>	Object used to send a "logout" event to the Selligent platform with SMManager.sendEvent.
<b>SMEventUserRegister</b>	Object used to send a "register" event to the Selligent platform with SMManager.sendEvent.
<b>SMEventUserUnregister</b>	Object used to send an "unregister" event to the Selligent platform with SMManager.sendEvent.
<b>SMForegroundGcmBroadcastReceiver</b>	Class implementing the receiver that will listen in the foreground for the push from the Selligent Mobile Platform.
<b>SMInAppContent</b>	An In App content
<b>SMInAppContentHtmlFragment</b>	This class implements a fragment that will display one or several HTML contents.
<b>SMInAppContentImageFragment</b>	This class implements a fragment that will display In App Content containing an image.
<b>SMInAppContentUrlFragment</b>	This class implements a fragment that will display In App Content containing an url.
<b>SMInAppMessage</b>	An In App message

<b>SMLink</b>	A link of an <b>SMInAppContent</b> .
<b>SMMManager</b>	Singleton object used to interact with the Selligent Mobile SDK.
<b>SMNotificationButton</b>	Object containing all the data used to implement a button in a notification/message.
<b>SMSettings</b>	Configuration object passed to the 'start' method of SMMManager.

### Enum Summary

Enum	Description
<b>SMClearCache</b>	
<b>SMContentType</b>	Enum listing the different types of In App Content
<b>SMInAppContent.DisplayMode</b>	Enum listing the different display mode.
<b>SMInAppRefreshType</b>	Enum with the different values for the refresh of the In App messages and In Ap contents.
<b>SMRemoteMessageDisplayType</b>	List the different possibilities to display a remote message received while the app is in foreground - Automatic: the message is automatically displayed - Notification: a notification is created, the user needs to click on it to display the message - None: nothing is done, the message is not displayed, it is up to the app to display it (cf.
<b>SMThemeCategories</b>	Deprecated



com.selligent.sdk

## Class **SMAApplication**

```
java.lang.Object
    android.content.Context
        android.content.ContextWrapper
            android.app.Application
                com.selligent.sdk.SMAApplication
```

### All Implemented Interfaces:

android.content.ComponentCallbacks, android.content.ComponentCallbacks2

---

```
public class SMAApplication
    extends android.app.Application
```

The Application class of the SDK from which the app custom Application should be extended.

### Since:

1.0

### Version:

1.9

## *Nested Class Summary*

### Nested classes/interfaces inherited from class android.app.Application

```
android.app.Application.ActivityLifecycleCallbacks,
android.app.Application.OnProvideAssistDataListener
```

## *Field Summary*

### Fields inherited from class android.content.Context

```
ACCESSIBILITY_SERVICE, ACCOUNT_SERVICE, ACTIVITY_SERVICE, ALARM_SERVICE,
APP_OPS_SERVICE, APPWIDGET_SERVICE, AUDIO_SERVICE, BATTERY_SERVICE,
BIND_ABOVE_CLIENT, BIND_ADJUST_WITH_ACTIVITY, BIND_ALLOW_OOM_MANAGEMENT,
BIND_AUTO_CREATE, BIND_DEBUG_UNBIND, BIND_EXTERNAL_SERVICE, BIND_IMPORTANT,
BIND_NOT_FOREGROUND, BIND_WAIVE_PRIORITY, BLUETOOTH_SERVICE, CAMERA_SERVICE,
CAPTIONING_SERVICE, CARRIER_CONFIG_SERVICE, CLIPBOARD_SERVICE,
COMPANION_DEVICE_SERVICE, CONNECTIVITY_SERVICE, CONSUMER_IR_SERVICE,
CONTEXT_IGNORE_SECURITY, CONTEXT_INCLUDE_CODE, CONTEXT_RESTRICTED,
DEVICE_POLICY_SERVICE, DISPLAY_SERVICE, DOWNLOAD_SERVICE, DROPBOX_SERVICE,
FINGERPRINT_SERVICE, HARDWARE_PROPERTIES_SERVICE, INPUT_METHOD_SERVICE,
INPUT_SERVICE, JOB_SCHEDULER_SERVICE, KEYGUARD_SERVICE, LAUNCHER_APPS_SERVICE,
LAYOUT_INFLATER_SERVICE, LOCATION_SERVICE, MEDIA_PROJECTION_SERVICE,
MEDIA_ROUTER_SERVICE, MEDIA_SESSION_SERVICE, MIDI_SERVICE, MODE_APPEND,
```

MODE\_ENABLE\_WRITE\_AHEAD\_LOGGING, MODE\_MULTI\_PROCESS, MODE\_NO\_LOCALIZED\_COLLATORS, MODE\_PRIVATE, MODE\_WORLD\_READABLE, MODE\_WORLD\_WRITEABLE, NETWORK\_STATS\_SERVICE, NFC\_SERVICE, NOTIFICATION\_SERVICE, NSD\_SERVICE, POWER\_SERVICE, PRINT\_SERVICE, RECEIVER\_VISIBLE\_TO\_INSTANT\_APPS, RESTRICTIONS\_SERVICE, SEARCH\_SERVICE, SENSOR\_SERVICE, SHORTCUT\_SERVICE, STORAGE\_SERVICE, STORAGE\_STATS\_SERVICE, SYSTEM\_HEALTH\_SERVICE, TELECOM\_SERVICE, TELEPHONY\_SERVICE, TELEPHONY\_SUBSCRIPTION\_SERVICE, TEXT\_CLASSIFICATION\_SERVICE, TEXT\_SERVICES\_MANAGER\_SERVICE, TV\_INPUT\_SERVICE, UI\_MODE\_SERVICE, USAGE\_STATS\_SERVICE, USB\_SERVICE, USER\_SERVICE, VIBRATOR\_SERVICE, WALLPAPER\_SERVICE, WIFI\_AWARE\_SERVICE, WIFI\_P2P\_SERVICE, WIFI\_SERVICE, WINDOW\_SERVICE

## Fields inherited from interface android.content.ComponentCallbacks2

TRIM\_MEMORY\_BACKGROUND, TRIM\_MEMORY\_COMPLETE, TRIM\_MEMORY\_MODERATE, TRIM\_MEMORY\_RUNNING\_CRITICAL, TRIM\_MEMORY\_RUNNING\_LOW, TRIM\_MEMORY\_RUNNING\_MODERATE, TRIM\_MEMORY\_UI\_HIDDEN

## Constructor Summary

### Constructors

#### Constructor and Description

[SMApplication\(\)](#)

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type

#### Method and Description

void

[onCreate\(\)](#)

## Methods inherited from class android.app.Application

onConfigurationChanged, onLowMemory, onTerminate, onTrimMemory, registerActivityLifecycleCallbacks, registerComponentCallbacks, registerOnProvideAssistDataListener, unregisterActivityLifecycleCallbacks, unregisterComponentCallbacks, unregisterOnProvideAssistDataListener

## Methods inherited from class android.content.ContextWrapper

bindService, checkCallingOrSelfPermission, checkCallingOrSelfUriPermission, checkCallingPermission, checkCallingUriPermission, checkPermission, checkSelfPermission, checkUriPermission, checkUriPermission, clearWallpaper, createConfigurationContext, createContextForSplit, createDeviceProtectedStorageContext, createDisplayContext, createPackageContext,

databaseList, deleteDatabase, deleteFile, deleteSharedPreferences, enforceCallingOrSelfPermission, enforceCallingOrSelfUriPermission, enforceCallingPermission, enforceCallingUriPermission, enforcePermission, enforceUriPermission, enforceUriPermission, fileList, getApplicationContext, getApplicationInfo, getAssets, getBaseContext, getCacheDir, getClassLoader, getCodeCacheDir, getContentResolver, getDatabasePath, getDataDir, getDir, getExternalCacheDir, getExternalCacheDirs, getExternalFilesDir, getExternalFilesDirs, getExternalMediaDirs, getFilesDir, getFileStreamPath, getMainLooper, getNoBackupFilesDir, getObbDir, getObbDirs, getPackageCodePath, getPackageManager, getPackageName, getPackageResourcePath, getResources, getSharedPreferences, getSystemService, getSystemServiceName, getTheme, getWallpaper, getWallpaperDesiredMinimumHeight, getWallpaperDesiredMinimumWidth, grantUriPermission, isDeviceProtectedStorage, isRestricted, moveDatabaseFrom, moveSharedPreferencesFrom, openFileInput, openFileOutput, openOrCreateDatabase, openOrCreateDatabase, peekWallpaper, registerReceiver, registerReceiver, registerReceiver, registerReceiver, removeStickyBroadcast, removeStickyBroadcastAsUser, revokeUriPermission, revokeUriPermission, sendBroadcast, sendBroadcast, sendBroadcastAsUser, sendBroadcastAsUser, sendOrderedBroadcast, sendOrderedBroadcast, sendOrderedBroadcastAsUser, sendStickyBroadcast, sendStickyBroadcastAsUser, sendStickyOrderedBroadcast, sendStickyOrderedBroadcastAsUser, setTheme, setWallpaper, setWallpaper, startActivities, startActivities, startActivity, startActivity, startForegroundService, startInstrumentation, startIntentSender, startIntentSender, startService, stopService, unbindService, unregisterReceiver

## Methods inherited from class android.content.Context

getColor, getColorStateList, getDrawable, getString, getString, getSystemService, getText, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes, obtainStyledAttributes

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Constructor Detail

### SMAApplication

```
public SMAApplication()
```

## Method Detail

### onCreate

```
public void onCreate()
```

**Overrides:**

```
onCreate in class android.app.Application
```

## Interface **SMCallback**

---

```
public interface SMCallback
```

This allows to write codes that will be executed after an event is sent to the Selligent platform

**Since:**

1.0

**Version:**

1.9

**See Also:**

`SMEvent`, `SManager.sendEvent(SMEvent)`

### *Method Summary*

**All Methods****Instance Methods****Abstract Methods**

Modifier and Type	Method and Description
void	<b>onError</b> (int httpResponseCode, java.lang.Exception exception) Event triggered when an error occurred while sending the SMEEvent
void	<b>onSuccess</b> (java.lang.String result) Event triggered when the SMEEvent was sent successfully.

### *Method Detail*

**onSuccess**

```
void onSuccess(java.lang.String result)
```

Event triggered when the SMEEvent was sent successfully.

**Parameters:**

result - the String returned by the web service.

**onError**

```
void onError(int httpResponseCode,  
             java.lang.Exception exception)
```

Event triggered when an error occurred while sending the SMEEvent



**Parameters:**

`httpResponseCode` - the code of the error (404, 500, etc.)

`exception` - the `Exception` thrown by the web service call

## Enum SMClearCache

```
java.lang.Object
  java.lang.Enum<SMClearCache>
    com.selligent.sdk.SMClearCache
```

All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMClearCache>
```

```
public enum SMClearCache
extends java.lang.Enum<SMClearCache>
```

Since:  
1.3 The lifespan of the items in the cache

Version:  
1.9

### Enum Constant Summary

Enum Constants	
Enum Constant and Description	
Auto	Default value, Selligent Mobile SDK manages the lifespan automatically.
Day	To clear the items that are one day old
Month	To clear the items that are one month old
None	To disable the cache mechanism.
Quarter	To clear the items that are one three months old
Week	To clear the items that are one week old

### Method Summary

All Methods		Static Methods	Concrete Methods
Modifier and Type		Method and Description	

```
static SMClearCache    valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name.

```
static SMClearCache[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared.

## Methods inherited from class java.lang.Enum

`compareTo`, `equals`, `getDeclaringClass`, `hashCode`, `name`, `ordinal`, `toString`, `valueOf`

## Methods inherited from class java.lang.Object

`getClass`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

## Enum Constant Detail

### Auto

```
public static final SMClearCache Auto
```

Default value, Selligent Mobile SDK manages the lifespan automatically.

### None

```
public static final SMClearCache None
```

To disable the cache mechanism.

### Day

```
public static final SMClearCache Day
```

To clear the items that are one day old

### Week

```
public static final SMClearCache Week
```

To clear the items that are one week old

### Month

```
public static final SMClearCache Month
```

To clear the items that are one month old

## Quarter

```
public static final SMClearCache Quarter
```

To clear the items that are one three months old

## Method Detail

### values

```
public static SMClearCache[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMClearCache c : SMClearCache.values())  
    System.out.println(c);
```

**Returns:**

an array containing the constants of this enum type, in the order they are declared

### valueOf

```
public static SMClearCache valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

java.lang.IllegalArgumentException - if this enum type has no constant with the specified name

java.lang.NullPointerException - if the argument is null

## Enum SMContentType

```
java.lang.Object
  java.lang.Enum<SMContentType>
    com.selligent.sdk.SMContentType
```

All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMContentType>
```

```
public enum SMContentType
extends java.lang.Enum<SMContentType>
```

Enum listing the different types of In App Content

Since:

1.4

Version:

1.9

Enum Constant Summary

Enum Constants
Enum Constant and Description
Html
Image
Url

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description		
static SMContentType	fromInteger(int x)		
int	getValue()		
static SMContentType	valueOf(java.lang.String name) Returns the enum constant of this type with the specified name.		
static SMContentType[]	values() Returns an array containing the constants of this enum type, in the order they are declared.		

## Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

### *Enum Constant Detail*

#### Html

```
public static final SMContentType Html
```

#### Url

```
public static final SMContentType Url
```

#### Image

```
public static final SMContentType Image
```

### *Method Detail*

#### values

```
public static SMContentType[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMContentType c : SMContentType.values())  
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared

#### valueOf

```
public static SMContentType valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used

to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

java.lang.IllegalArgumentException - if this enum type has no constant with the specified name

java.lang.NullPointerException - if the argument is null

**getValue**

```
public int getValue()
```

**fromInteger**

```
public static SMContentType fromInteger(int x)
```

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## Class SMevent

java.lang.Object  
com.selligent.sdk.SMevent

### All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

### Direct Known Subclasses:

SMeventUserLogin, SMeventUserLogout, SMeventUserRegister, SMeventUserUnregister

```
public class SMevent  
extends java.lang.Object  
implements java.io.Externalizable
```

Object used to send a custom event to the Selligent platform with SMManager.sendEvent.

### Since:

1.0

### Version:

1.9

### See Also:

SMManager.sendSMevent(SMevent), Serialized Form

## Field Summary

### Fields

Modifier and Type	Field and Description
<b>SMCallback</b>	<b>Callback</b> A SMCallback object containing code to execute after the message is sent
java.util.Hashtable<java.lang.String,java.lang.String>	<b>Data</b> Custom data

## Constructor Summary

### Constructors

Constructor and Description
<b>SMevent ( )</b> Constructs an SMevent object without data and callback



```
SMEvent( java.util.Hashtable<java.lang.String,java.lang.String> data,  
SMCallback callback)
```

Constructs an SMEvent object with the following:

## Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	<b>equals</b> ( java.lang.Object o)	Compares this instance with the specified object and indicates if they are equal.
int	<b>hashCode</b> ( )	Returns an integer hash code for this object.
void	<b>readExternal</b> ( java.io.ObjectInput serializedObject)	This method is called when deserializing the object.
void	<b>writeExternal</b> ( java.io.ObjectOutput serializedObject)	This method is called when serializing the object.

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, toString, wait, wait, wait

## Field Detail

### Data

```
public java.util.Hashtable<java.lang.String,java.lang.String> Data
```

Custom data

### Callback

```
public SMCallback Callback
```

A SMCallback object containing code to execute after the message is sent

## Constructor Detail

### SMEvent

```
public SMevent()
```

Constructs an SMevent object without data and callback

## SMevent

```
public SMevent(java.util.Hashtable<java.lang.String,java.lang.String> data,  
               SMCallback callback)
```

Constructs an SMevent object with the following:

**Parameters:**

data - a Hashtable<String, String> containing the custom data

callback - a SMCallback object containing code to execute after the message is sent

**See Also:**

SMCallback

## Method Detail

### equals

```
public boolean equals(java.lang.Object o)
```

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

equals in class java.lang.Object

**Parameters:**

o - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

### hashCode

```
public int hashCode()
```

Returns an integer hash code for this object. By contract, any two objects for which equals(Object) returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

hashCode in class java.lang.Object

**Returns:**

this object's hash code.

## readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

readExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectInput object containing all the values of the SMeEvent object to recreate.

**Throws:**

java.io.IOException

java.lang.ClassNotFoundException

## writeExternal

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Specified by:**

writeExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectOutput object used to store the values of the SMeEvent object

**Throws:**

java.io.IOException

com.selligent.sdk

## Class SMeventUserLogin

java.lang.Object  
    com.selligent.sdk.SMevent  
        com.selligent.sdk.SMeventUserLogin

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMeventUserLogin
extends SMevent
```

Object used to send a "login" event to the Selligent platform with SManager.sendEvent.

Since:

1.0

Version:

1.9

See Also:

SManager.sendSMevent(SMevent), Serialized Form

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	Email

Fields inherited from class com.selligent.sdk.SMevent

Callback, Data

Constructor Summary

Constructors

Constructor and Description
SMeventUserLogin( )
SMeventUserLogin(java.lang.String email, java.util.Hashtable<java.lang.String, java.lang.String> data, SMCallback callback)
Constructs a new SMeventUserLogin

## Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	<b><code>equals</code></b> (java.lang.Object o)	Compares this instance with the specified object and indicates if they are equal.
int	<b><code>hashCode</code></b> ( )	Returns an integer hash code for this object.
void	<b><code>readExternal</code></b> (java.io.ObjectInput serializedObject)	This method is called when deserializing the object.
void	<b><code>writeExternal</code></b> (java.io.ObjectOutput serializedObject)	This method is called when serializing the object.

## Methods inherited from class java.lang.Object

`getClass`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

## Field Detail

Email
<pre>public java.lang.String Email</pre>

## Constructor Detail

SMEEventUserLogin
<pre>public SMEEventUserLogin()</pre>
SMEEventUserLogin
<pre>public SMEEventUserLogin(java.lang.String email,                            java.util.Hashtable&lt;java.lang.String,java.lang.String&gt; data,                            SMCallback callback)</pre>
Constructs a new SMEEventUserLogin
Parameters:

email - a String containing the e-mail address of the user.

data - a Hashtable<String, String> containing custom data, can be null.

callback - an SMCallback containing code to perform after the message is sent

**See Also:**

[SMCallback](#)

## Method Detail

### equals

```
public boolean equals(java.lang.Object o)
```

**Description copied from class: [SMEvent](#)**

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

`equals` in class `SMEvent`

**Parameters:**

o - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

### hashCode

```
public int hashCode()
```

**Description copied from class: [SMEvent](#)**

Returns an integer hash code for this object. By contract, any two objects for which `SMEvent.equals(Object)` returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

`hashCode` in class `SMEvent`

**Returns:**

this object's hash code.

### readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

**Description copied from class: [SMEvent](#)**

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

`readExternal` in interface `java.io.Externalizable`

**Overrides:**

`readExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectInput` object containing all the values of the `SMEvent` object to recreate.

**Throws:**

`java.io.IOException`

`java.lang.ClassNotFoundException`

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
                    throws java.io.IOException
```

**Description copied from class: [SMEvent](#)**

This method is called when serializing the object. It should not be called manually.

**Specified by:**

`writeExternal` in interface `java.io.Externalizable`

**Overrides:**

`writeExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectOutput` object used to store the values of the `SMEvent` object

**Throws:**

`java.io.IOException`

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## Class SMeventUserLogout

java.lang.Object  
    com.selligent.sdk.SMevent  
        com.selligent.sdk.SMeventUserLogout

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMeventUserLogout
extends SMevent
```

Object used to send a "logout" event to the Selligent platform with SMManager.sendEvent.

Since:

1.0

Version:

1.9

See Also:

SMManager.sendSMevent(SMevent), Serialized Form

### Field Summary

Fields	
Modifier and Type	Field and Description
java.lang.String	Email
Fields inherited from class com.selligent.sdk.SMevent	
Callback, Data	

### Constructor Summary

Constructors	
Constructor and Description	
SMeventUserLogout ( )	
SMeventUserLogout ( java.lang.String email, java.util.Hashtable<java.lang.String, java.lang.String> data, SMCallback callback )	
Constructs a new SMeventUserLogout	



## Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	<b>equals</b> (java.lang.Object o)	Compares this instance with the specified object and indicates if they are equal.
int	<b>hashCode</b> ()	Returns an integer hash code for this object.
void	<b>readExternal</b> (java.io.ObjectInput serializedObject)	This method is called when deserializing the object.
void	<b>writeExternal</b> (java.io.ObjectOutput serializedObject)	This method is called when serializing the object.

### Methods inherited from class java.lang.Object

getClass, notify, notifyAll, toString, wait, wait, wait

## Field Detail

### Email

```
public java.lang.String Email
```

## Constructor Detail

### SMEEventUserLogout

```
public SMEEventUserLogout()
```

### SMEEventUserLogout

```
public SMEEventUserLogout(java.lang.String email,  
java.util.Hashtable<java.lang.String,java.lang.String> data,  
SMCallback callback)
```

Constructs a new SMEEventUserLogout

Parameters:

email - a String containing the e-mail address of the user.

data - a Hashtable<String, String> containing custom data, can be null.

callback - an SMCallback containing code to perform after the message is sent

**See Also:**

[SMCallback](#)

## Method Detail

### equals

```
public boolean equals(java.lang.Object o)
```

**Description copied from class: [SMEvent](#)**

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

[equals](#) in class [SMEvent](#)

**Parameters:**

o - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

### hashCode

```
public int hashCode()
```

**Description copied from class: [SMEvent](#)**

Returns an integer hash code for this object. By contract, any two objects for which [SMEvent.equals\(Object\)](#) returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

[hashCode](#) in class [SMEvent](#)

**Returns:**

this object's hash code.

### readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

**Description copied from class: [SMEvent](#)**

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

`readExternal` in interface `java.io.Externalizable`

**Overrides:**

`readExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectInput` object containing all the values of the `SMEvent` object to recreate.

**Throws:**

`java.io.IOException`

`java.lang.ClassNotFoundException`

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
                    throws java.io.IOException
```

**Description copied from class: [SMEvent](#)**

This method is called when serializing the object. It should not be called manually.

**Specified by:**

`writeExternal` in interface `java.io.Externalizable`

**Overrides:**

`writeExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectOutput` object used to store the values of the `SMEvent` object

**Throws:**

`java.io.IOException`

com.selligent.sdk

## Class SMeventUserRegister

java.lang.Object  
    com.selligent.sdk.SMevent  
        com.selligent.sdk.SMeventUserRegister

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMeventUserRegister
extends SMevent
```

Object used to send a "register" event to the Selligent platform with SManager.sendEvent.

Since:

1.0

Version:

1.9

See Also:

SManager.sendSMevent(SMevent), Serialized Form

**Field Summary**

Fields

Modifier and Type	Field and Description
java.lang.String	<a href="#">Email</a>

**Fields inherited from class com.selligent.sdk.SMevent**  
Callback, Data

**Constructor Summary**

Constructors

Constructor and Description
<a href="#">SMeventUserRegister()</a>
<a href="#">SMeventUserRegister</a> (java.lang.String email, java.util.Hashtable<java.lang.String,java.lang.String> data, <a href="#">SMCallback</a> callback) Constructs a new SMeventUserRegister

## Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	<b>equals</b> (java.lang.Object o)	Compares this instance with the specified object and indicates if they are equal.
int	<b>hashCode</b> ( )	Returns an integer hash code for this object.
void	<b>readExternal</b> (java.io.ObjectInput serializedObject)	This method is called when deserializing the object.
void	<b>writeExternal</b> (java.io.ObjectOutput serializedObject)	This method is called when serializing the object.

### Methods inherited from class java.lang.Object

getClass, notify, notifyAll, toString, wait, wait, wait

## Field Detail

### Email

```
public java.lang.String Email
```

## Constructor Detail

### SMEEventUserRegister

```
public SMEEventUserRegister()
```

### SMEEventUserRegister

```
public SMEEventUserRegister(java.lang.String email,  
java.util.Hashtable<java.lang.String,java.lang.String> data,  
SMCallback callback)
```

Constructs a new SMEEventUserRegister

Parameters:

email - a String containing the e-mail address of the user.

data - a Hashtable<String, String> containing custom data, can be null.

callback - an SMCallback containing code to perform after the message is sent

**See Also:**

[SMCallback](#)

## Method Detail

### equals

```
public boolean equals(java.lang.Object o)
```

**Description copied from class: [SMEvent](#)**

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

[equals](#) in class [SMEvent](#)

**Parameters:**

o - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

### hashCode

```
public int hashCode()
```

**Description copied from class: [SMEvent](#)**

Returns an integer hash code for this object. By contract, any two objects for which [SMEvent.equals\(Object\)](#) returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

[hashCode](#) in class [SMEvent](#)

**Returns:**

this object's hash code.

### readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

**Description copied from class: [SMEvent](#)**

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

`readExternal` in interface `java.io.Externalizable`

**Overrides:**

`readExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectInput` object containing all the values of the `SMEvent` object to recreate.

**Throws:**

`java.io.IOException`

`java.lang.ClassNotFoundException`

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
                    throws java.io.IOException
```

**Description copied from class: [SMEvent](#)**

This method is called when serializing the object. It should not be called manually.

**Specified by:**

`writeExternal` in interface `java.io.Externalizable`

**Overrides:**

`writeExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectOutput` object used to store the values of the `SMEvent` object

**Throws:**

`java.io.IOException`

com.selligent.sdk

## Class SMeventUserUnregister

java.lang.Object  
    com.selligent.sdk.SMevent  
        com.selligent.sdk.SMeventUserUnregister

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMeventUserUnregister
extends SMevent
```

Object used to send an "unregister" event to the Selligent platform with SManager.sendEvent.

Since:

1.0

Version:

1.9

See Also:

SManager.sendSMevent(SMevent), Serialized Form

Field Summary

Fields

Modifier and Type	Field and Description
java.lang.String	Email

Fields inherited from class com.selligent.sdk.SMevent

Callback, Data

Constructor Summary

Constructors

Constructor and Description
SMeventUserUnregister()
SMeventUserUnregister(java.lang.String email, java.util.Hashtable<java.lang.String, java.lang.String> data, SMCallback callback)
Constructs a new SMeventUserUnregister



## Method Summary

All Methods	Instance Methods	Concrete Methods
Modifier and Type	Method and Description	
boolean	<b>equals</b> (java.lang.Object o) Compares this instance with the specified object and indicates if they are equal.	
int	<b>hashCode</b> () Returns an integer hash code for this object.	
void	<b>readExternal</b> (java.io.ObjectInput serializedObject) This method is called when deserializing the object.	
void	<b>writeExternal</b> (java.io.ObjectOutput serializedObject) This method is called when serializing the object.	

### Methods inherited from class java.lang.Object

getClass, notify, notifyAll, toString, wait, wait, wait

## Field Detail

### Email

```
public java.lang.String Email
```

## Constructor Detail

### SMEEventUserUnregister

```
public SMEEventUserUnregister()
```

### SMEEventUserUnregister

```
public SMEEventUserUnregister(java.lang.String email,  
                               java.util.Hashtable<java.lang.String,java.lang.String> data,  
                               SMCallback callback)
```

Constructs a new SMEEventUserUnregister

**Parameters:**

email - a String containing the e-mail address of the user.

data - a Hashtable<String, String> containing custom data, can be null.

callback - an SMCallback containing code to perform after the message is sent

**See Also:**

[SMCallback](#)

## Method Detail

### equals

```
public boolean equals(java.lang.Object o)
```

**Description copied from class: [SMEvent](#)**

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

[equals](#) in class [SMEvent](#)

**Parameters:**

o - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

### hashCode

```
public int hashCode()
```

**Description copied from class: [SMEvent](#)**

Returns an integer hash code for this object. By contract, any two objects for which [SMEvent.equals\(Object\)](#) returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

[hashCode](#) in class [SMEvent](#)

**Returns:**

this object's hash code.

### readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

**Description copied from class: [SMEvent](#)**

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

`readExternal` in interface `java.io.Externalizable`

**Overrides:**

`readExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectInput` object containing all the values of the `SMEvent` object to recreate.

**Throws:**

`java.io.IOException`

`java.lang.ClassNotFoundException`

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
                    throws java.io.IOException
```

**Description copied from class: [SMEvent](#)**

This method is called when serializing the object. It should not be called manually.

**Specified by:**

`writeExternal` in interface `java.io.Externalizable`

**Overrides:**

`writeExternal` in class `SMEvent`

**Parameters:**

`serializedObject` - the `ObjectOutput` object used to store the values of the `SMEvent` object

**Throws:**

`java.io.IOException`

com.selligent.sdk

## Class SMForegroundGcmBroadcastReceiver

java.lang.Object  
    android.content.BroadcastReceiver  
        com.selligent.sdk.SMForegroundGcmBroadcastReceiver

```
public class SMForegroundGcmBroadcastReceiver  
extends android.content.BroadcastReceiver
```

Class implementing the receiver that will listen in the foreground for the push from the Selligent Mobile Platform. If you do not extend `SMBaseActivity`, you have to register and unregister this receiver respectively on the `onStart` and `onStop` events of your activities.

Since:

1.0

Version:

1.9

### Nested Class Summary

#### Nested classes/interfaces inherited from class android.content.BroadcastReceiver

android.content.BroadcastReceiver.PendingResult

### Constructor Summary

#### Constructors

##### Constructor and Description

**SMForegroundGcmBroadcastReceiver**(android.content.Context context)

Constructor of the class.

### Method Summary

#### All Methods

#### Instance Methods

#### Concrete Methods

##### Modifier and Type

##### Method and Description

android.content.IntentFilter **getIntentFilter**()

It creates the IntentFilter that must be used when registering the receiver.

void **onReceive**(android.content.Context context,

```
android.content.Intent intent)
```

This method is called when the BroadcastReceiver is receiving an Intent broadcast.

## Methods inherited from class android.content.BroadcastReceiver

```
abortBroadcast, clearAbortBroadcast, getAbortBroadcast, getDebugUnregister,
getResultCode, getResultData, getResultExtras, goAsync, isInitialStickyBroadcast,
isOrderedBroadcast, peekService, setDebugUnregister, setOrderedHint, setResult,
setResultCode, setResultData, setResultExtras
```

## Methods inherited from class java.lang.Object

```
equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

## Constructor Detail

### SMForegroundGcmBroadcastReceiver

```
public SMForegroundGcmBroadcastReceiver(android.content.Context context)
```

Constructor of the class.

**Parameters:**

context - the activity in which the receiver is instantiated.

## Method Detail

### getIntentFilter

```
public android.content.IntentFilter getIntentFilter()
```

It creates the IntentFilter that must be used when registering the receiver.

**Returns:**

the intent filter needed at registration.

### onReceive

```
public void onReceive(android.content.Context context,
                      android.content.Intent intent)
```

This method is called when the BroadcastReceiver is receiving an Intent broadcast.

**Specified by:**

onReceive in class android.content.BroadcastReceiver

**Parameters:**

context - The Context in which the receiver is running

intent - The Intent being received

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## Class SMinAppContent

java.lang.Object  
com.selligent.sdk.SMinAppContent

### All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMinAppContent
extends java.lang.Object
implements java.io.Externalizable
```

An In App content

### Since:

1.4

### Version:

1.9

### See Also:

[Serialized Form](#)

### *Nested Class Summary*

#### Nested Classes

Modifier and Type	Class and Description
static class	<a href="#">SMinAppContent.DisplayMode</a> Enum listing the different display mode.

### *Constructor Summary*

#### Constructors

Constructor and Description
<a href="#">SMinAppContent</a> ( ) Empty constructor of an In App Content
<a href="#">SMinAppContent</a> ( java.lang.String json ) Constructor that fills in the In App Content based on the given json

### *Method Summary*

## All Methods

## Instance Methods

## Concrete Methods

Modifier and Type	Method and Description
boolean	<b>equals</b> ( java.lang.Object o) Compares this instance with the specified object and indicates if they are equal.
java.lang.String	<b>getBody</b> ( ) Gets the body of the SMInAppContent
java.lang.String	<b>getCategory</b> ( ) Gets the category of the SMInAppContent
long	<b>getCreationDate</b> ( ) Gets the creation date of the SMInAppContent
<b>SMInAppContent.DisplayMode</b>	<b>getDisplayMode</b> ( ) Gets the display mode of the SMInAppContent
long	<b>getExpirationDate</b> ( ) Gets the expiration date of the SMInAppContent
java.lang.String	<b>getId</b> ( ) Gets the id of the SMInAppContent
android.graphics.Bitmap	<b>getImage</b> ( ) Gets the bitmap of the image if the In App Content is of type Image and marked for its content to be downloaded.
<b>SMLink</b> [ ]	<b>getLinks</b> ( ) Gets the links of the SMInAppContent
java.lang.String	<b>getTitle</b> ( ) Gets the title of the SMInAppContent
<b>SMContentType</b>	<b>getType</b> ( ) Gets the type of the SMInAppContent
boolean	<b>hasBeenFirstSeenInCurrentSession</b> ( ) Tells if the SMInAppContent has already been seen or not in the current session.
boolean	<b>hasBeenSeen</b> ( ) Tells if the SMInAppContent has already been seen or not.
int	<b>hashCode</b> ( ) Returns an integer hash code for this object.
void	<b>readExternal</b> ( java.io.ObjectInput serializedObject) This method is called when deserializing the object.
void	<b>writeExternal</b> ( java.io.ObjectOutput serializedObject)



This method is called when serializing the object.

## Methods inherited from class java.lang.Object

`getClass`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

### Constructor Detail

#### SMinAppContent

```
public SMinAppContent()
```

Empty constructor of an In App Content

#### SMinAppContent

```
public SMinAppContent(java.lang.String json)
```

Constructor that fills in the In App Content based on the given json

**Parameters:**

`json` - The json String representing an In-App content

### Method Detail

#### equals

```
public boolean equals(java.lang.Object o)
```

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

`equals` in class `java.lang.Object`

**Parameters:**

`o` - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

#### hashCode

```
public int hashCode()
```

Returns an integer hash code for this object. By contract, any two objects for which `equals(Object)` returns

true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

hashCode in class java.lang.Object

**Returns:**

this object's hash code.

## readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

readExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectInput object containing all the values of the SMInAppContent object to recreate.

**Throws:**

java.io.IOException

java.lang.ClassNotFoundException

## writeExternal

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Specified by:**

writeExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectOutput object used to store the values of the SMInAppContent object

**Throws:**

java.io.IOException

## getId

```
public java.lang.String getId()
```

**Gets the id of the SMInAppContent**

**Returns:**

the String representing the id

**Since:**

1.4

## getTitle

```
public java.lang.String getTitle()
```

**Gets the title of the SMInAppContent**

**Returns:**

the String representing the title

**Since:**

1.4

## getBody

```
public java.lang.String getBody()
```

**Gets the body of the SMInAppContent**

**Returns:**

the String representing the body

**Since:**

1.4

## getLinks

```
public SMLink[] getLinks()
```

**Gets the links of the SMInAppContent**

**Returns:**

an array of SMLink

**Since:**

1.4

## getType

```
public SMContentType getType()
```

**Gets the type of the SMInAppContent**

**Returns:**

the `SMContentType`

**Since:**

1.4

**getCategory**

```
public java.lang.String getCategory()
```

**Gets the category of the `SMInAppContent`**

**Returns:**

the `String` representing the category

**Since:**

1.4

**getDisplayMode**

```
public SMInAppContent.DisplayMode getDisplayMode()
```

**Gets the display mode of the `SMInAppContent`**

**Returns:**

the `SMInAppContent.DisplayMode`

**Since:**

1.4

**getCreationDate**

```
public long getCreationDate()
```

**Gets the creation date of the `SMInAppContent`**

**Returns:**

the `long` representing the creation date in milliseconds since 01/01/1970

**Since:**

1.4

**getExpirationDate**

```
public long getExpirationDate()
```

**Gets the expiration date of the `SMInAppContent`**

**Returns:**

the long representing the expiration date in milliseconds since 01/01/1970

**Since:**

1.4

**hasBeenSeen**

```
public boolean hasBeenSeen()
```

Tells if the SMInAppContent has already been seen or not.

**Returns:**

true if it was seen, false otherwise.

**Since:**

1.4

**hasBeenFirstSeenInCurrentSession**

```
public boolean hasBeenFirstSeenInCurrentSession()
```

Tells if the SMInAppContent has already been seen or not in the current session.

**Returns:**

true if it was seen, false otherwise.

**Since:**

1.5

**getImage**

@Nullable

```
public android.graphics.Bitmap getImage()
```

Gets the bitmap of the image if the In App Content is of type Image and marked for its content to be downloaded.

**Returns:**

the bitmap of the image if it exists, null otherwise

com.selligent.sdk

## Enum `SMinAppContent.DisplayMode`

```
java.lang.Object
    java.lang.Enum<SMinAppContent.DisplayMode>
        com.selligent.sdk.SMinAppContent.DisplayMode
```

### All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMinAppContent.DisplayMode>
```

### Enclosing class:

[SMinAppContent](#)

```
public static enum SMinAppContent.DisplayMode
    extends java.lang.Enum<SMinAppContent.DisplayMode>
```

Enum listing the different display mode. `OnlyOnce` means the `SMinAppContent` will only be displayed once. `UntilReplaced` means the `SMinAppContent` will stay visible until a new one replaces it (or it expires).

### Enum Constant Summary

#### Enum Constants

Enum Constant and Description
<a href="#">OnlyOnce</a>
<a href="#">UntilReplaced</a>

### Method Summary

All Methods	Static Methods	Concrete Methods	
Modifier and Type			Method and Description
static <a href="#">SMinAppContent.DisplayMode</a>			<a href="#">valueOf</a> (java.lang.String name) Returns the enum constant of this type with the specified name.
static <a href="#">SMinAppContent.DisplayMode</a> []			<a href="#">values</a> () Returns an array containing the constants of this enum type, in the order they are declared.

### Methods inherited from class `java.lang.Enum`

`compareTo`, `equals`, `getDeclaringClass`, `hashCode`, `name`, `ordinal`, `toString`, `valueOf`

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Enum Constant Detail

### OnlyOnce

```
public static final SMinAppContent.DisplayMode OnlyOnce
```

### UntilReplaced

```
public static final SMinAppContent.DisplayMode UntilReplaced
```

## Method Detail

### values

```
public static SMinAppContent.DisplayMode[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMinAppContent.DisplayMode c : SMinAppContent.DisplayMode.values())
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared

### valueOf

```
public static SMinAppContent.DisplayMode valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

#### Parameters:

name - the name of the enum constant to be returned.

#### Returns:

the enum constant with the specified name

#### Throws:

java.lang.IllegalArgumentException - if this enum type has no constant with the specified name

```
java.lang.NullPointerException - if the argument is null
```



com.selligent.sdk

## Class **SMInAppContentHtmlFragment**

```
java.lang.Object
    android.app.Fragment
        android.app.DialogFragment
            com.selligent.sdk.SMInAppContentHtmlFragment
```

### All Implemented Interfaces:

```
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.content.DialogInterface.OnCancelListener,
android.content.DialogInterface.OnDismissListener,
android.view.View.OnCreateContextMenuListener
```

```
public class SMInAppContentHtmlFragment
    extends android.app.DialogFragment
```

This class implements a fragment that will display one or several HTML contents. It can either be used as a standard fragment or as a full screen dialog fragment

### Since:

1.4

### Version:

1.9

### *Nested Class Summary*

#### Nested classes/interfaces inherited from class android.app.Fragment

```
android.app.Fragment.InstantiationException, android.app.Fragment.SavedState
```

### *Field Summary*

#### Fields inherited from class android.app.DialogFragment

```
STYLE_NO_FRAME, STYLE_NO_INPUT, STYLE_NO_TITLE, STYLE_NORMAL
```

#### Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN
```

### *Constructor Summary*

## Constructors

### Constructor and Description

`SMinAppContentHtmlFragment()`

## Method Summary

### All Methods

### Static Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type

#### Method and Description

`java.lang.String`

`getContentCategory()`

This method returns the category given at the creation of the instance of `SMinAppContentHtmlFragment`

`int`

`getContentCount()`

This method returns the number of contents in the fragment

`SMContentType`

`getContentType()`

This method returns the type given at the creation of the instance of `SMinAppContentHtmlFragment`

`boolean`

`hasContent()`

Tells if the fragment has content or not.

`static SMinAppContentHtmlFragment`

`newInstance(java.lang.String category)`

Method used to create a new instance of `SMinAppContentHtmlFragment` that will display all the HTML In App Contents available

`static SMinAppContentHtmlFragment`

`newInstance(java.lang.String category, int count)`

Method used to create a new instance of `SMinAppContentHtmlFragment`

`android.view.View`

`onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)`

`void`

`onSaveInstanceState(android.os.Bundle savedInstanceState)`

`void`

`refresh()`

This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.

`void`

`show(android.app.FragmentManager fragmentManager, java.lang.String tag)`

Display the fragment as a full screen dialog, adding the fragment to the given `FragmentManager`.

`int`

`show(android.app.FragmentTransaction fragmentTransaction, java.lang.String tag)`

Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction.

## Methods inherited from class android.app.DialogFragment

dismiss, dismissAllowingStateLoss, dump, getDialog, getShowsDialog, getTheme, isCancelable, onActivityCreated, onAttach, onCancel, onCreate, onCreateDialog, onDestroyView, onDetach, onDismiss, onStart, onStop, setCancelable, setShowsDialog, setStyle

## Methods inherited from class android.app.Fragment

equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isRemoving, isResumed, isStateSaved, isVisible, onActivityResult, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreateAnimator, onCreateContextMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPictureInPictureModeChanged, onPrepareOptionsMenu, onPermissionsResult, onResume, onTrimMemory, onCreateView, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startActivitySenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Constructor Detail

### SMinAppContentHtmlFragment

```
public SMinAppContentHtmlFragment()
```

## Method Detail

## newInstance

```
public static SMInAppContentHtmlFragment newInstance(java.lang.String category)
```

Method used to create a new instance of SMInAppContentHtmlFragment that will display all the HTML In App Contents available

### Parameters:

category - String specifying the category of the content

### Returns:

the new instance of SMInAppContentImageFragment or null if one of the parameters is null.

### Since:

1.4

## newInstance

```
public static SMInAppContentHtmlFragment newInstance(java.lang.String category,  
                                                    int count)
```

Method used to create a new instance of SMInAppContentHtmlFragment

### Parameters:

category - String specifying the category of the content

count - number of In App contents to display. A value of -1 will display all contents available. Values 0 and inferior to -1 are invalid.

### Returns:

the new instance of SMInAppContentImageFragment or null if one of the parameters is null.

### Since:

1.4

## onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                     android.view.ViewGroup container,  
                                     android.os.Bundle savedInstanceState)
```

### Overrides:

onCreateView in class android.app.Fragment

## onSaveInstanceState

```
public void onSaveInstanceState(android.os.Bundle savedInstanceState)
```

### Overrides:

onSaveInstanceState in class android.app.DialogFragment

## show

```
public void show(android.app.FragmentManager fragmentManager,  
                java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment to the given `FragmentManager`. This is a convenience for explicitly creating a transaction, adding the fragment to it with the given tag, and committing it. This does not add the transaction to the back stack. When the fragment is dismissed, a new transaction will be executed to remove it from the activity. Does nothing if there is no content.

### Overrides:

show in class android.app.DialogFragment

### Parameters:

`fragmentManager` - The `FragmentManager` this fragment will be added to.

`tag` - String to identify the fragment

### Since:

1.4

## show

```
public int show(android.app.FragmentTransaction fragmentTransaction,  
                java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction. Does nothing if there is no content.

### Overrides:

show in class android.app.DialogFragment

### Parameters:

`fragmentTransaction` - An existing transaction in which to add the fragment.

`tag` - String to identify the fragment

### Returns:

the identifier of the committed transaction, -1 if there is no content.

### Since:

1.4

## hasContent

```
public boolean hasContent()
```

Tells if the fragment has content or not. This is useful to know if the fragment can be displayed or not.

### Returns:

true if there is content, false otherwise

**Since:**

1.4

### **getContentCategory**

```
public java.lang.String getContentCategory()
```

This method returns the category given at the creation of the instance of `SMinAppContentFragment`

**Returns:**

a `String` representing the category

**Since:**

1.4

### **getContentType**

```
public SMContentType getContentType()
```

This method returns the type given at the creation of the instance of `SMinAppContentFragment`

**Returns:**

the `SMContentType`

### **getContentCount**

```
public int getContentCount()
```

This method returns the number of contents in the fragment

**Returns:**

an `int` corresponding to the number of contents in the fragment

**Since:**

1.4

### **refresh**

```
public void refresh()
```

This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.

com.selligent.sdk

## Class SMinAppContentImageFragment

```
java.lang.Object
    android.app.Fragment
        android.app.DialogFragment
            com.selligent.sdk.SMinAppContentImageFragment
```

### All Implemented Interfaces:

```
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.content.DialogInterface.OnCancelListener,
android.content.DialogInterface.OnDismissListener,
android.view.View.OnCreateContextMenuListener, android.view.View.OnTouchListener
```

---

```
public class SMinAppContentImageFragment
    extends android.app.DialogFragment
    implements android.view.View.OnTouchListener
```

This class implements a fragment that will display In App Content containing an image. It can either be used as a standard fragment or as a full screen dialog fragment

### Since:

1.4

### Version:

1.9

### *Nested Class Summary*

#### Nested classes/interfaces inherited from class android.app.Fragment

```
android.app.Fragment.InstantiationException, android.app.Fragment.SavedState
```

### *Field Summary*

#### Fields inherited from class android.app.DialogFragment

```
STYLE_NO_FRAME, STYLE_NO_INPUT, STYLE_NO_TITLE, STYLE_NORMAL
```

#### Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN
```

### *Constructor Summary*

## Constructors

### Constructor and Description

`SMinAppContentImageFragment ( )`

## Method Summary

### All Methods

### Static Methods

### Instance Methods

### Concrete Methods

#### Modifier and Type

#### Method and Description

`java.lang.String`

`getContentCategory ( )`

This method returns the category given at the creation of the instance of `SMinAppContentImageFragment`

`int`

`getContentCount ( )`

This method returns the number of contents in the fragment

`SMContentType`

`getContentType ( )`

This method returns the type given at the creation of the instance of `SMinAppContentImageFragment`

`boolean`

`hasContent ( )`

Tells if the fragment has content or not.

`static SMinAppContentImageFragment`

`newInstance (java.lang.String category)`

Method used to create a new instance of `SMinAppContentImageFragment`

`android.view.View`

`onCreateView (android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)`

`void`

`onSaveInstanceState (android.os.Bundle savedInstanceState)`

`boolean`

`onTouch (android.view.View view, android.view.MotionEvent motionEvent)`

`void`

`refresh ( )`

This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.

`void`

`show (android.app.FragmentManager fragmentManager, java.lang.String tag)`

Display the fragment as a full screen dialog, adding the fragment to the given `FragmentManager`.

`int`

`show (android.app.FragmentTransaction fragmentTransaction, java.lang.String tag)`

Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction.

## Methods inherited from class `android.app.DialogFragment`



dismiss, dismissAllowingStateLoss, dump, getDialog, getShowsDialog, getTheme, isCancelable, onActivityCreated, onAttach, onCancel, onCreate, onCreateDialog, onDestroyView, onDetach, onDismiss, onStart, onStop, setCancelable, setShowsDialog, setStyle

## Methods inherited from class android.app.Fragment

equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isRemoving, isResumed, isStateSaved, isVisible, onActivityResult, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreateAnimator, onCreateContextMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onResume, onTrimMemory, onCreateView, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startActivitySenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Constructor Detail

### SMinAppContentImageFragment

```
public SMinAppContentImageFragment()
```

## Method Detail

### newInstance

```
public static SMinAppContentImageFragment newInstance(java.lang.String category)
```

## Method used to create a new instance of `SMinAppContentImageFragment`

### Parameters:

`category` - String specifying the category of the content

### Returns:

the new instance of `SMinAppContentImageFragment` or null if one of the parameters is null.

### Since:

1.4

## onTouch

```
public boolean onTouch(android.view.View view,  
                        android.view.MotionEvent motionEvent)
```

### Specified by:

`onTouch` in interface `android.view.View.OnTouchListener`

## onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,  
                                     android.view.ViewGroup container,  
                                     android.os.Bundle savedInstanceState)
```

### Overrides:

`onCreateView` in class `android.app.Fragment`

## onSaveInstanceState

```
public void onSaveInstanceState(android.os.Bundle savedInstanceState)
```

### Overrides:

`onSaveInstanceState` in class `android.app.DialogFragment`

## show

```
public void show(android.app.FragmentManager fragmentManager,  
                 java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment to the given `FragmentManager`. This is a convenience for explicitly creating a transaction, adding the fragment to it with the given tag, and committing it. This does not add the transaction to the back stack. When the fragment is dismissed, a new transaction will be executed to remove it from the activity. Does nothing if there is no content.

### Overrides:

`show` in class `android.app.DialogFragment`

**Parameters:**

fragmentManager - The fragmentManager this fragment will be added to.

tag - String to identify the fragment

**Since:**

1.4

**show**

```
public int show(android.app.FragmentTransaction fragmentTransaction,  
               java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction. Does nothing if there is no content.

**Overrides:**

show in class android.app.DialogFragment

**Parameters:**

fragmentTransaction - An existing transaction in which to add the fragment.

tag - String to identify the fragment

**Returns:**

the identifier of the committed transaction, -1 if there is no content.

**Since:**

1.4

**hasContent**

```
public boolean hasContent()
```

Tells if the fragment has content or not. This is useful to know if the fragment can be displayed or not.

**Returns:**

true if there is content, false otherwise

**Since:**

1.4

**getContentCategory**

```
public java.lang.String getContentCategory()
```

This method returns the category given at the creation of the instance of SMInAppContentFragment

**Returns:**

a String representing the category

**Since:**

1.4

### getContentType

```
public SMContentType getContentType()
```

This method returns the type given at the creation of the instance of SMInAppContentFragment

**Returns:**

the SMContentType

### getContentCount

```
public int getContentCount()
```

This method returns the number of contents in the fragment

**Returns:**

an int corresponding to the number of contents in the fragment

**Since:**

1.4

### refresh

```
public void refresh()
```

This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.

com.selligent.sdk

## Class **SMInAppContentUrlFragment**

```
java.lang.Object
    android.app.Fragment
        android.app.DialogFragment
            com.selligent.sdk.SMInAppContentUrlFragment
```

### All Implemented Interfaces:

```
android.content.ComponentCallbacks, android.content.ComponentCallbacks2,
android.content.DialogInterface.OnCancelListener,
android.content.DialogInterface.OnDismissListener,
android.view.View.OnCreateContextMenuListener
```

---

```
public class SMInAppContentUrlFragment
    extends android.app.DialogFragment
```

This class implements a fragment that will display In App Content containing an url. It can either be used as a standard fragment or as a full screen dialog fragment

### Since:

1.4

### Version:

1.9

### *Nested Class Summary*

#### Nested classes/interfaces inherited from class android.app.Fragment

```
android.app.Fragment.InstantiationException, android.app.Fragment.SavedState
```

### *Field Summary*

#### Fields inherited from class android.app.DialogFragment

```
STYLE_NO_FRAME, STYLE_NO_INPUT, STYLE_NO_TITLE, STYLE_NORMAL
```

#### Fields inherited from interface android.content.ComponentCallbacks2

```
TRIM_MEMORY_BACKGROUND, TRIM_MEMORY_COMPLETE, TRIM_MEMORY_MODERATE,
TRIM_MEMORY_RUNNING_CRITICAL, TRIM_MEMORY_RUNNING_LOW, TRIM_MEMORY_RUNNING_MODERATE,
TRIM_MEMORY_UI_HIDDEN
```

### *Constructor Summary*

## Constructors

### Constructor and Description

`SMinAppContentUrlFragment()`

## Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type		Method and Description	
java.lang.String		<code>getContentCategory()</code>	This method returns the category given at the creation of the instance of <code>SMinAppContentFragment</code>
int		<code>getContentCount()</code>	This method returns the number of contents in the fragment
<code>SMContentType</code>		<code>getContentType()</code>	This method returns the type given at the creation of the instance of <code>SMinAppContentFragment</code>
boolean		<code>hasContent()</code>	Tells if the fragment has content or not.
static <code>SMinAppContentUrlFragment</code>		<code>newInstance(java.lang.String category)</code>	Method used to create a new instance of <code>SMinAppContentImageFragment</code>
android.view.View		<code>onCreateView(android.view.LayoutInflater inflater, android.view.ViewGroup container, android.os.Bundle savedInstanceState)</code>	
void		<code>onSaveInstanceState(android.os.Bundle savedInstanceState)</code>	
void		<code>refresh()</code>	This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.
void		<code>show(android.app.FragmentManager fragmentManager, java.lang.String tag)</code>	Display the fragment as a full screen dialog, adding the fragment to the given <code>FragmentManager</code> .
int		<code>show(android.app.FragmentTransaction fragmentTransaction, java.lang.String tag)</code>	Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction.

## Methods inherited from class android.app.DialogFragment

`dismiss`, `dismissAllowingStateLoss`, `dump`, `getDialog`, `getShowsDialog`, `getTheme`,

isCancelable, onActivityCreated, onAttach, onCancel, onCreate, onCreateDialog, onDestroyView, onDetach, onDismiss, onStart, onStop, setCancelable, setShowsDialog, setStyle

## Methods inherited from class android.app.Fragment

equals, getActivity, getAllowEnterTransitionOverlap, getAllowReturnTransitionOverlap, getArguments, getChildFragmentManager, getContext, getEnterTransition, getExitTransition, getFragmentManager, getHost, getId, getLayoutInflater, getLoaderManager, getParentFragment, getReenterTransition, getResources, getRetainInstance, getReturnTransition, getSharedElementEnterTransition, getSharedElementReturnTransition, getString, getString, getTag, getTargetFragment, getTargetRequestCode, getText, getUserVisibleHint, getView, hashCode, instantiate, instantiate, isAdded, isDetached, isHidden, isInLayout, isRemoving, isResumed, isStateSaved, isVisible, onActivityResult, onAttach, onAttachFragment, onConfigurationChanged, onContextItemSelected, onCreateAnimator, onCreateContextMenu, onCreateOptionsMenu, onDestroy, onDestroyOptionsMenu, onGetLayoutInflater, onHiddenChanged, onInflate, onInflate, onInflate, onLowMemory, onMultiWindowModeChanged, onMultiWindowModeChanged, onOptionsItemSelected, onOptionsMenuClosed, onPause, onPictureInPictureModeChanged, onPictureInPictureModeChanged, onPrepareOptionsMenu, onRequestPermissionsResult, onResume, onTrimMemory, onViewCreated, onViewStateRestored, postponeEnterTransition, registerForContextMenu, requestPermissions, setAllowEnterTransitionOverlap, setAllowReturnTransitionOverlap, setArguments, setEnterSharedElementCallback, setEnterTransition, setExitSharedElementCallback, setExitTransition, setHasOptionsMenu, setInitialSavedState, setMenuVisibility, setReenterTransition, setRetainInstance, setReturnTransition, setSharedElementEnterTransition, setSharedElementReturnTransition, setTargetFragment, setUserVisibleHint, shouldShowRequestPermissionRationale, startActivity, startActivity, startActivityForResult, startActivityForResult, startActivitySenderForResult, startPostponedEnterTransition, toString, unregisterForContextMenu

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Constructor Detail

### SMinAppContentUrlFragment

```
public SMinAppContentUrlFragment()
```

## Method Detail

### newInstance

```
public static SMInAppContentUrlFragment newInstance(java.lang.String category)
```

Method used to create a new instance of SMInAppContentImageFragment

**Parameters:**

category - String specifying the category of the content

**Returns:**

the new instance of SMInAppContentImageFragment or null if one of the parameters is null.

**Since:**

1.4

### onCreateView

```
public android.view.View onCreateView(android.view.LayoutInflater inflater,
                                     android.view.ViewGroup container,
                                     android.os.Bundle savedInstanceState)
```

**Overrides:**

onCreateView in class android.app.Fragment

### onSaveInstanceState

```
public void onSaveInstanceState(android.os.Bundle savedInstanceState)
```

**Overrides:**

onSaveInstanceState in class android.app.DialogFragment

### show

```
public void show(android.app.FragmentManager fragmentManager,
                 java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment to the given FragmentManager. This is a convenience for explicitly creating a transaction, adding the fragment to it with the given tag, and committing it. This does not add the transaction to the back stack. When the fragment is dismissed, a new transaction will be executed to remove it from the activity. Does nothing if there is no content.

**Overrides:**

show in class android.app.DialogFragment

**Parameters:**

fragmentManager - The FragmentManager this fragment will be added to.

tag - String to identify the fragment

**Since:**

1.4



## show

```
public int show(android.app.FragmentTransaction fragmentTransaction,  
               java.lang.String tag)
```

Display the fragment as a full screen dialog, adding the fragment using an existing transaction and then committing the transaction. Does nothing if there is no content.

### Overrides:

show in class android.app.DialogFragment

### Parameters:

fragmentTransaction - An existing transaction in which to add the fragment.

tag - String to identify the fragment

### Returns:

the identifier of the committed transaction, -1 if there is no content.

### Since:

1.4

## hasContent

```
public boolean hasContent()
```

Tells if the fragment has content or not. This is useful to know if the fragment can be displayed or not.

### Returns:

true if there is content, false otherwise

### Since:

1.4

## getContentCategory

```
public java.lang.String getContentCategory()
```

This method returns the category given at the creation of the instance of `SMinAppContentFragment`

### Returns:

a String representing the category

### Since:

1.4

## getContentType

```
public SMContentType getContentType()
```

This method returns the type given at the creation of the instance of `SMinAppContentFragment`

**Returns:**

the `SMContentType`

**getContentCount**

```
public int getContentCount()
```

This method returns the number of contents in the fragment

**Returns:**

an `int` corresponding to the number of contents in the fragment

**Since:**

1.4

**refresh**

```
public void refresh()
```

This method will refresh the content by getting it from the cache again and then visually refresh the component if the fragment is visible.

# Class SMInAppMessage

java.lang.Object  
com.selligent.sdk.SMInAppMessage

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

```
public class SMInAppMessage
extends java.lang.Object
implements java.io.Externalizable
```

An In App message

Since:

1.3

Version:

1.9

See Also:

Serialized Form

Field Summary

Fields	
Modifier and Type	Field and Description
java.lang.String	id
java.lang.String	title

Constructor Summary

Constructors	
Constructor and Description	
SMInAppMessage( )	
SMInAppMessage(java.lang.String id, java.lang.String title)	

Method Summary

All Methods	Instance Methods	Concrete Methods
-------------	------------------	------------------

Modifier and Type	Method and Description
boolean	<b>equals</b> (java.lang.Object otherMessage) Compares this instance with the specified object and indicates if they are equal.
int	<b>hashCode</b> ( ) Returns an integer hash code for this object.
void	<b>readExternal</b> (java.io.ObjectInput serializedObject) This method is called when deserializing the object.
void	<b>writeExternal</b> (java.io.ObjectOutput serializedObject) This method is called when serializing the object.

### Methods inherited from class java.lang.Object

getClass, notify, notifyAll, toString, wait, wait, wait

### Field Detail

#### id

```
public java.lang.String id
```

#### title

```
public java.lang.String title
```

### Constructor Detail

#### SMinAppMessage

```
public SMinAppMessage()
```

#### SMinAppMessage

```
public SMinAppMessage(java.lang.String id,
    java.lang.String title)
```

### Method Detail

## equals

```
public boolean equals(java.lang.Object otherMessage)
```

Compares this instance with the specified object and indicates if they are equal.

**Overrides:**

equals in class java.lang.Object

**Parameters:**

otherMessage - the object to compare this instance with.

**Returns:**

true if the specified object is equal to this Object; false otherwise.

## hashCode

```
public int hashCode()
```

Returns an integer hash code for this object. By contract, any two objects for which `equals(Object)` returns true must return the same hash code value. This means that subclasses of Object usually override both methods or neither method.

**Overrides:**

hashCode in class java.lang.Object

**Returns:**

this object's hash code.

## readExternal

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

readExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectInput object containing all the values of the SMInAppMessage object to recreate.

**Throws:**

java.io.IOException

java.lang.ClassNotFoundException

## writeExternal

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Specified by:**

writeExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectOutputStream object used to store the values of the SMInAppMessage object

**Throws:**

java.io.IOException

## Enum SMinAppRefreshType

```
java.lang.Object
    java.lang.Enum<SMinAppRefreshType>
        com.selligent.sdk.SMinAppRefreshType
```

All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMinAppRefreshType>
```

```
public enum SMinAppRefreshType
extends java.lang.Enum<SMinAppRefreshType>
```

Enum with the different values for the refresh of the In App messages and In Ap contents. Messages/contents will be retrieved when the application becomes active (if In App messages/contents are enabled) if the last fetch was older than the refresh type. Minutely is there for testing purposes ONLY. We do NOT recommend using it in production.

Since:

1.3

Version:

1.9

### Enum Constant Summary

Enum Constants
Enum Constant and Description
Daily
Hourly
Minutely
None

### Method Summary

All Methods	Static Methods	Concrete Methods
Modifier and Type	Method and Description	
static SMinAppRefreshType	valueOf( java.lang.String name)	Returns the enum constant of this type with the specified name.
static SMinAppRefreshType[]	values()	Returns an array containing the constants of this enum type, in the order they are declared.

## Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

## Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

### *Enum Constant Detail*

#### None

```
public static final SMInAppRefreshType None
```

#### Minutely

```
public static final SMInAppRefreshType Minutely
```

#### Hourly

```
public static final SMInAppRefreshType Hourly
```

#### Daily

```
public static final SMInAppRefreshType Daily
```

### *Method Detail*

#### values

```
public static SMInAppRefreshType[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMInAppRefreshType c : SMInAppRefreshType.values())  
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared



## valueOf

```
public static SMinAppRefreshType valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

### Parameters:

name - the name of the enum constant to be returned.

### Returns:

the enum constant with the specified name

### Throws:

`java.lang.IllegalArgumentException` - if this enum type has no constant with the specified name

`java.lang.NullPointerException` - if the argument is null

com.selligent.sdk

## Class SMLink

java.lang.Object

com.selligent.sdk.SMNotificationButton

com.selligent.sdk.SMLink

### All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

---

```
public class SMLink  
extends SMNotificationButton
```

A link of an [SMInAppContent](#).

### Since:

1.4

### Version:

1.9

### See Also:

[Serialized Form](#)

### Field Summary

#### Fields inherited from class com.selligent.sdk.SMNotificationButton

[action](#), [data](#), [id](#), [label](#), [type](#), [value](#)

### Constructor Summary

#### Constructors

#### Constructor and Description

[SMLink\(\)](#)

### Method Summary

#### Methods inherited from class com.selligent.sdk.SMNotificationButton

[readExternal](#), [writeExternal](#)

#### Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

**Constructor Detail**

**SMLink**

```
public SMLink()
```

Class SManager

java.lang.Object  
com.selligent.sdk.SManager

```
public class SManager
extends java.lang.Object
```

Singleton object used to interact with the Selligent Mobile SDK.

Since:

1.0

Version:

1.9

Field Summary

Fields	
Modifier and Type	Field and Description
static java.lang.String	<b>BROADCAST_DATA_BUTTON</b> String representing a key to retrieve an object inside an intent Use this key to retrieve the object <b>SMNotificationButton</b> from the intent received from the broadcast <b>BROADCAST_EVENT_BUTTON_CLICKED</b> .
static java.lang.String	<b>BROADCAST_DATA_GCM_TOKEN</b> String representing a key to retrieve an object inside an intent Use this key to retrieve the GCM token from the intent received from the broadcast <b>BROADCAST_EVENT_RECEIVED_GCM_TOKEN</b> .
static java.lang.String	<b>BROADCAST_DATA_IN_APP_CONTENTS</b> String representing a key to retrieve an object inside an intent Use this key to retrieve an dictionary containing the number of contents for each category from the broadcast <b>BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE</b> .
static java.lang.String	<b>BROADCAST_DATA_IN_APP_MESSAGES</b> String representing a key to retrieve an object inside an intent Use this key to retrieve an array of <b>SMInAppMessage</b> from the intent received from the broadcast <b>BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE</b> .
static java.lang.String	<b>BROADCAST_EVENT_BUTTON_CLICKED</b> String representing a broadcast name you can listen to.
static java.lang.String	<b>BROADCAST_EVENT_RECEIVED_GCM_TOKEN</b> String representing a broadcast name you can listen to.
static java.lang.String	<b>BROADCAST_EVENT_RECEIVED_IN_APP_CONTENTS</b> String representing a broadcast name you can listen to.
static java.lang.String	<b>BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE</b> String representing a broadcast name you can listen to.
static java.lang.String	<b>BROADCAST_EVENT_RECEIVED_REMOTE_NOTIFICATION</b> <b>Deprecated.</b> Since listening to broadcast in background is no longer possible under Android O, this broadcast is now deprecated (it is still sent though, so if you don't target Android O, you will still be able to listen to it).
static java.lang.String	<b>BROADCAST_EVENT_WILL_DISMISS_NOTIFICATION</b> String representing a broadcast name you can listen to.
static java.lang.String	<b>BROADCAST_EVENT_WILL_DISPLAY_NOTIFICATION</b> String representing a broadcast name you can listen to.
static boolean	<b>DEBUG</b> When true, different actions and informations will be logged by the SDK and visible in the logcat in Android Studio (tag "SDK").
static boolean	<b>DISPLAY_ERROR_MESSAGE</b> <b>Deprecated.</b> This value is of no use anymore

static boolean	<b>IS_LOCATIONTRACKER_ACTIF</b> <b>Deprecated.</b> This is not used
static float	<b>MIN_DISTANCE_CHANGE_FOR_UPDATES</b> <b>Deprecated.</b> This is not used
static long	<b>MIN_TIME_BW_UPDATES</b> <b>Deprecated.</b> This is not used
static java.lang.Class	<b>NOTIFICATION_ACTIVITY</b> The activity that will be called when opening a notification.
static java.lang.String	<b>VERSION_LIB</b> The version of the Selligent Mobile SDK library

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods	Deprecate Methods
Modifier and Type		Method and Description		
boolean		<b>areInAppMessagesEnabled</b> ( ) This method tells if the management of In App messages is enabled or not		
boolean		<b>areNotificationEnabled</b> ( ) This method tells if the reception of notifications is enabled or not		
void		<b>checkAndDisplayMessage</b> (android.content.Intent intent, android.content.Context context) This method will check if there is a message to be displayed in the given intent and will display it.		
void		<b>disableGeolocation</b> ( ) Disables the geolocation functionality.		
void		<b>disableInAppMessages</b> ( ) This method disables the management of "in app" messages.		
void		<b>disableNotifications</b> ( ) This method disables the reception of push notifications from the server.		
void		<b>displayLastReceivedRemotePushNotification</b> (android.app.Activity activity) Display the latest received remote notification This is mostly used in conjunction with RemoteMessageDisplayType set to None		
void		<b>displayMessage</b> (java.lang.String messageId, android.app.Activity activity) Display the given message (remote or In App) whose id is given, like if clicking on the notification		
void		<b>enableGeolocation</b> ( ) Enables the geolocation functionality.		
void		<b>enableInAppMessages</b> (SMInAppRefreshType refreshType) This method enables the management of "in app" messages.		
void		<b>enableNotifications</b> ( ) This method enables the reception of push notifications from the server.		
void		<b>executeLinkAction</b> (android.content.Context context, SMLink link, SMInAppContent content) This method will execute the action attached to the given SMLink of the given SMInAppContent.		
java.lang.String		<b>getGCMToken</b> ( ) This methods returns the GCM token stored by the SDK after calling registerDevice(Context).		
java.util.ArrayList<SMInAppContent>		<b>getInAppContents</b> (java.lang.String category, SMContentType type, int max)		

	Gets the list of valid <code>SMInAppContent</code> for the given type and category.
<code>static SMManager</code>	<code>getInstance()</code>
<code>java.util.HashMap&lt;java.lang.String, java.lang.String&gt;</code>	<code>getLastRemotePushNotification()</code> Get the id and the title of the latest received remote notification This is mostly used in conjunction with <code>RemoteMessageDisplayType</code> set to <code>None</code>
<code>android.graphics.Bitmap</code>	<code>getNotificationLargeIcon()</code> Gets the icon set by <code>setNotificationLargeIcon</code> .
<code>int</code>	<code>getNotificationSmallIcon()</code> This returns the resource id set by <code>setNotificationSmallIcon</code> .
<code>SMRemoteMessageDisplayType</code>	<code>getRemoteMessagesDisplayType()</code> Gets the way remote messages are displayed when the app is in foreground.
<code>boolean</code>	<code>isGeolocationEnabled()</code> Tells if the geolocation is enabled or not.
<code>void</code>	<code>registerDevice(android.content.Context context)</code> This method will check if the application just started and, if so, will send a first event to the Selligent Mobile Platform.
<code>void</code>	<code>reload(SMSettings settings, android.app.Activity activity)</code> This method is used in the special case of the Selligent demo app Parana and should not be needed.
<code>void</code>	<code>sendDeviceInfos()</code> <b>Deprecated.</b>
<code>void</code>	<code>sendDeviceInfos(com.selligent.sdk.SMDeviceInfos deviceInfos)</code> This method will send a "SetInfo" event to the platform ONLY if the properties of the <code>SMDeviceInfos</code> object changed since the last call
<code>void</code>	<code>sendEvent(SMEvent event)</code> <b>Deprecated.</b> use <code>sendSMEvent(com.selligent.sdk.SMEvent)</code> instead
<code>void</code>	<code>sendsSMEvent(SMEvent event)</code> Use this method to send an event to the Selligent platform.
<code>void</code>	<code>setApplication(android.app.Application app)</code> This gives to the SDK a pointer to the Application instance.
<code>void</code>	<code>setInAppContentAsSeen(SMInAppContent inAppContent)</code> Set the given <code>SMInAppContent</code> as seen.
<code>void</code>	<code>setNotificationCallback(SMNotificationCallback callback)</code> <b>Deprecated.</b> Since 1.3, a broadcast is performed at the click on a button (cf. <code>BROADCAST_EVENT_BUTTON_CLICKED</code> )
<code>void</code>	<code>setNotificationLargeIcon(int iconResource)</code> This allows the SDK to use a specific icon for the notifications.
<code>void</code>	<code>setNotificationSmallIcon(int iconResource)</code> This allows the SDK to use a specific icon for the notifications.
<code>void</code>	<code>start(SMSettings settings)</code> Mandatory method used to setup the Selligent Mobile SDK.
<code>void</code>	<code>start(SMSettings settings, android.app.Application application)</code> Mandatory method used to setup the Selligent Mobile SDK.
Methods inherited from class <code>java.lang.Object</code>	
<code>equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait</code>	

Field Detail

## BROADCAST\_EVENT\_RECEIVED\_REMOTE\_NOTIFICATION

@Deprecated

```
public static final java.lang.String BROADCAST_EVENT_RECEIVED_REMOTE_NOTIFICATION
```

**Deprecated.** *Since listening to broadcast in background is no longer possible under Android O, this broadcast is now deprecated (it is still sent though, so if you don't target Android O, you will still be able to listen to it).*

String representing a broadcast name you can listen to. It is broadcast shortly after receiving a remote-notification Primary-application may use this notification to decide when to display any remote-notification This broadcast can be sent while the app is in background and, therefore, is sent using a normal `Context.sendBroadcast(Intent)` To listen to this broadcast, you also have to set the package name of your app as a category to your `IntentFilter`

**Since:**

1.3

**See Also:**

`Context.sendBroadcast(Intent)`, `IntentFilter`, `Constant Field Values`

## BROADCAST\_EVENT\_RECEIVED\_IN\_APP\_MESSAGE

```
public static final java.lang.String BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE
```

String representing a broadcast name you can listen to. It is broadcasted shortly after receiving InApp messages Primary-application may use this notification to manage the received InApp messages This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, `Constant Field Values`

## BROADCAST\_EVENT\_RECEIVED\_IN\_APP\_CONTENTS

```
public static final java.lang.String BROADCAST_EVENT_RECEIVED_IN_APP_CONTENTS
```

String representing a broadcast name you can listen to. It is broadcasted shortly after receiving InApp contents Primary-application may use this notification to manage the received InApp contents This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.4

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, `Constant Field Values`

## BROADCAST\_EVENT\_BUTTON\_CLICKED

```
public static final java.lang.String BROADCAST_EVENT_BUTTON_CLICKED
```

String representing a broadcast name you can listen to. It is broadcasted when the user interacts with a remote-notification Usefull to retrieve user's actions on a received remote-notification. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, `Constant Field Values`

## BROADCAST\_EVENT\_WILL\_DISPLAY\_NOTIFICATION

```
public static final java.lang.String BROADCAST_EVENT_WILL_DISPLAY_NOTIFICATION
```

String representing a broadcast name you can listen to. It is broadcasted shortly before displaying a remote-notification Primary-application may use this broadcast to pause any ongoing work before the remote-notification is displayed. This broadcast is also triggered even if you disable `shouldDisplayRemoteNotification` (see `SMSSettings`). This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, `BROADCAST_EVENT_WILL_DISMISS_NOTIFICATION`, `Constant Field Values`

## BROADCAST\_EVENT\_WILL\_DISMISS\_NOTIFICATION

```
public static final java.lang.String BROADCAST_EVENT_WILL_DISMISS_NOTIFICATION
```

String representing a broadcast name you can listen to. It is broadcasted shortly before dismissing the current remote-notification Primary-application may use this broadcast to resume any paused work. (see [BROADCAST\\_EVENT\\_WILL\\_DISPLAY\\_NOTIFICATION](#)) This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, [BROADCAST\\_EVENT\\_WILL\\_DISPLAY\\_NOTIFICATION](#), [Constant Field Values](#)

## BROADCAST\_EVENT\_RECEIVED\_GCM\_TOKEN

```
public static final java.lang.String BROADCAST_EVENT_RECEIVED_GCM_TOKEN
```

String representing a broadcast name you can listen to. It is broadcasted after receiving the GCM token and only if it changed. Primary-application may use this broadcast to retrieve the GCM token. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, [Constant Field Values](#)

## BROADCAST\_DATA\_IN\_APP\_MESSAGES

```
public static final java.lang.String BROADCAST_DATA_IN_APP_MESSAGES
```

String representing a key to retrieve an object inside an intent Use this key to retrieve an array of [SMInAppMessage](#) from the intent received from the broadcast `BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE`. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, [SMInAppMessage](#), [BROADCAST\\_EVENT\\_RECEIVED\\_IN\\_APP\\_MESSAGE](#), [Constant Field Values](#)

## BROADCAST\_DATA\_IN\_APP\_CONTENTS

```
public static final java.lang.String BROADCAST_DATA_IN_APP_CONTENTS
```

String representing a key to retrieve an object inside an intent Use this key to retrieve an dictionary containing the number of contents for each category from the broadcast `BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE`. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.4

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, [BROADCAST\\_EVENT\\_RECEIVED\\_IN\\_APP\\_CONTENTS](#), [Constant Field Values](#)

## BROADCAST\_DATA\_BUTTON

```
public static final java.lang.String BROADCAST_DATA_BUTTON
```

String representing a key to retrieve an object inside an intent Use this key to retrieve the object [SMNotificationButton](#) from the intent received from the broadcast `BROADCAST_EVENT_BUTTON_CLICKED`. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, [SMNotificationButton](#), [BROADCAST\\_EVENT\\_BUTTON\\_CLICKED](#), [Constant Field Values](#)



## BROADCAST\_DATA\_GCM\_TOKEN

```
public static final java.lang.String BROADCAST_DATA_GCM_TOKEN
```

String representing a key to retrieve an object inside an intent Use this key to retrieve the GCM token from the intent received from the broadcast `BROADCAST_EVENT_RECEIVED_GCM_TOKEN`. This broadcast is sent locally using `LocalBroadcastManager.sendBroadcast(Intent)`

**Since:**

1.3

**See Also:**

`LocalBroadcastManager.sendBroadcast(Intent)`, `BROADCAST_EVENT_RECEIVED_GCM_TOKEN`, `Constant Field Values`

## MIN\_TIME\_BW\_UPDATES

@Deprecated

```
public static long MIN_TIME_BW_UPDATES
```

**Deprecated.** *This is not used*

## MIN\_DISTANCE\_CHANGE\_FOR\_UPDATES

@Deprecated

```
public static float MIN_DISTANCE_CHANGE_FOR_UPDATES
```

**Deprecated.** *This is not used*

## IS\_LOCATIONTRACKER\_ACTIF

@Deprecated

```
public static boolean IS_LOCATIONTRACKER_ACTIF
```

**Deprecated.** *This is not used*

## DISPLAY\_ERROR\_MESSAGE

@Deprecated

```
public static boolean DISPLAY_ERROR_MESSAGE
```

**Deprecated.** *This value is of no use anymore*

## DEBUG

```
public static boolean DEBUG
```

When true, different actions and informations will be logged by the SDK and visible in the logcat in Android Studio (tag "SDK"). This is for debug only and should never be set to true in a release. Default value is false.

## NOTIFICATION\_ACTIVITY

```
public static java.lang.Class NOTIFICATION_ACTIVITY
```

The activity that will be called when opening a notification. Default value is `SMNotificationActivity`

## VERSION\_LIB

```
public static final java.lang.String VERSION_LIB
```

The version of the Selligent Mobile SDK library

**See Also:**

`Constant Field Values`

## getInstance

```
public static SMManager getInstance()
```

### Returns:

the SMManager instance

## start

```
public void start(SMSettings settings)
```

Mandatory method used to setup the Selligent Mobile SDK. It can only be called once (usually in an class extending SMApplication). Any later call with different values would be ineffective. Use this version ONLY if you extend [SMApplication](#)

### Parameters:

settings - an SMSettings object containing the Google application id, the web service URL, the Selligent client id and the Selligent private key.

### See Also:

[SMSettings](#)

## start

```
public void start(SMSettings settings,  
                android.app.Application application)
```

Mandatory method used to setup the Selligent Mobile SDK. It can only be called once (usually in an class extending SMApplication). Any later call with different values would be ineffective. You must use this version if you do not extend [SMApplication](#)

### Parameters:

settings - an SMSettings object containing the Google application id, the web service URL, the Selligent client id and the Selligent private key.

application - the instance of the class extending Application

### Since:

1.1

### See Also:

[SMSettings](#)

## reload

```
public void reload(SMSettings settings,  
                android.app.Activity activity)
```

This method is used in the special case of the Selligent demo app Parana and should not be needed. It allows to change the settings given at startup by the start method.

### Parameters:

settings - an SMSettings object containing the Google application id, the web service URL, the Selligent client id and the Selligent private key.

activity - the current Activity

### See Also:

[SMSettings](#)

## setApplication

```
public void setApplication(android.app.Application app)
```

This gives to the SDK a pointer to the Application instance. You should only call this if you do not extend SMApplication.

### Parameters:

app - the Application instance

### See Also:

[SMApplication](#)

## registerDevice

```
public void registerDevice(android.content.Context context)
```

This method will check if the application just started and, if so, will send a first event to the Selligent Mobile Platform. It will also register the device to Google Cloud Messaging if it isn't already. If the application comes from the background, it doesn't do anything. You have to use this method on the onCreate event of your activities if you do not extend `SMBaseActivity` New since 1.5: if you are using the new Firebase way to retrieve the token (using the json file), then you don't need to call this method. It will not do anything anyway if the `GoogleApplicationId` is empty.

### Parameters:

context - the activity in which this method is called

### Since:

1.1

## getGCMToken

```
public java.lang.String getGCMToken()
```

This methods returns the GCM token stored by the SDK after calling `registerDevice(Context)`. As the registration is asynchronous, the token returned may be empty or not up-to-date if the registration process is not completed.

### Returns:

the stored GCM token

### Since:

1.3

### See Also:

`registerDevice(Context)`

## checkAndDisplayMessage

```
public void checkAndDisplayMessage(android.content.Intent intent,  
                                   android.content.Context context)
```

This method will check if there is a message to be displayed in the given intent and will display it. It has to be used in the onCreate (after `registerDevice(Context)`) and onNewIntent events if your activity does not extend `SMBaseActivity`.

### Parameters:

intent - the intent containing the message

context - the activity in which this method is called

### Since:

1.1

## enableNotifications

```
public void enableNotifications()
```

This method enables the reception of push notifications from the server. It sends an "opt-in" message to the web service to allow it to send push notifications to the device.

## disableNotifications

```
public void disableNotifications()
```

This method disables the reception of push notifications from the server. It sends an "opt-out" message to the web service to tell it to stop sending push notifications to the device. Any still received will be ignored by the SDK.

## areNotificationEnabled

```
public boolean areNotificationEnabled()
```

This method tells if the reception of notifications is enabled or not

### Returns:

true if enabled, false otherwise

#### setNotificationSmallIcon

```
public void setNotificationSmallIcon(int iconResource)
```

This allows the SDK to use a specific icon for the notifications. This small icon will be visible in the status bar at the top of the device.

**Parameters:**

iconResource - the resource id of the icon (R.id.your\_icon)

#### getNotificationSmallIcon

```
public int getNotificationSmallIcon()
```

This returns the resource id set by setNotificationSmallIcon.

**Returns:**

the resource id.

**See Also:**

[setNotificationSmallIcon\(int\)](#)

#### setNotificationLargeIcon

```
public void setNotificationLargeIcon(int iconResource)
```

This allows the SDK to use a specific icon for the notifications. This large icon will be visible in the notification view.

**Parameters:**

iconResource - the resource id of the icon (R.id.your\_icon)

#### getNotificationLargeIcon

```
public android.graphics.Bitmap getNotificationLargeIcon()
```

Gets the icon set by setNotificationLargeIcon.

**Returns:**

the Bitmap of the icon

**See Also:**

[setNotificationLargeIcon\(int\)](#)

#### setNotificationCallback

@Deprecated

```
public void setNotificationCallback(SMNotificationCallback callback)
```

**Deprecated.** *Since 1.3, a broadcast is performed at the click on a button (cf. [BROADCAST\\_EVENT\\_BUTTON\\_CLICKED](#))*

Sets the callback object containing the code that will be executed whenever a button received in a push notification is clicked

**Parameters:**

callback - a SMNotificationCallback object

**See Also:**

[SMNotificationCallback](#)

#### displayLastReceivedRemotePushNotification

```
public void displayLastReceivedRemotePushNotification(android.app.Activity activity)
```

Display the latest received remote notification This is mostly used in conjunction with RemoteMessageDisplayType set to None

**Parameters:**

activity - the current activity



Display the given message (remote or In App) whose id is given, like if clicking on the notification

**Parameters:**

messageId - the string id of the message to display

activity - the current activity

**Since:**

1.3

### getInAppContents

```
public java.util.ArrayList<SMInAppContent> getInAppContents(java.lang.String category,
                                                            SMContentType type,
                                                            int max)
```

Gets the list of valid `SMInAppContent` for the given type and category. Use this method if you do not want to implement our Fragments.

**Parameters:**

category - The category of the `SMInAppContent`.

type - The `SMContentType` of the `SMInAppContent`.

max - The number of contents to get. -1 to get them all.

**Returns:**

An ArrayList of `SMInAppContent`.

**Since:**

1.4

### setInAppContentAsSeen

```
public void setInAppContentAsSeen(SMInAppContent inAppContent)
```

Set the given `SMInAppContent` as seen. It will also send an event to the platform to inform it. Use this method if you do not want to implement our Fragments.

**Parameters:**

inAppContent - the `SMInAppContent`

**Since:**

1.4

### executeLinkAction

```
public void executeLinkAction(android.content.Context context,
                              SMLink link,
                              SMInAppContent content)
```

This method will execute the action attached to the given `SMLink` of the given `SMInAppContent`. It will also send an event to the platform to inform the link was clicked. Use this method if you do not want to implement our Fragments.

**Parameters:**

context - the current Activity.

link - the `SMLink` containing the action to execute.

content - the corresponding `SMInAppContent`.

**Since:**

1.4

### enableGeolocation

```
public void enableGeolocation()
```

Enables the geolocation functionality. It will be enabled until `disableGeolocation()` is called. It will keep going even if the app or the device is restarted. The goal is to provide users with an opt-in. **WARNING:** this method should only be called if "enableOnFirstRun" is set to "false" in the plotconfig.json file. **With the default configuration, you do not have to call it.**

**Since:**

**disableGeolocation**

```
public void disableGeolocation()
```

Disables the geolocation functionality. No geolocation related notification will be sent anymore to the user. It will be disabled until `enableGeolocation()` is called even if the app or the device is restarted. The goal is to provide users with an opt-out.

**Since:**

1.7

**isGeolocationEnabled**

```
public boolean isGeolocationEnabled()
```

Tells if the geolocation is enabled or not.

**Since:**

1.7

**sendEvent**

@Deprecated

```
public void sendEvent(SMEvent event)
```

**Deprecated.** use `sendSMEvent(com.selligent.sdk.SMEvent)` instead

Use this method to send an event to the Selligent platform.

**Parameters:**

event - an SMEvent object

**See Also:**

SMEvent, SMEventUserLogin, SMEventUserLogout, SMEventUserRegister, SMEventUserUnregister

**sendSMEvent**

```
public void sendSMEvent(SMEvent event)
```

Use this method to send an event to the Selligent platform. If you are sending a simple `SMEvent`, then we will check if the values are different from the last time you sent them. If they are not, the event won't be sent.

**Parameters:**

event - an SMEvent object

**Since:**

1.2

**See Also:**

SMEvent, SMEventUserLogin, SMEventUserLogout, SMEventUserRegister, SMEventUserUnregister

**sendDeviceInfos**

@Deprecated

```
public void sendDeviceInfos()
```

**Deprecated.**

This method is deprecated as of 1.6 and does not do anything anymore. Use `sendDeviceInfos(SMDeviceInfos)` instead

**Since:**

1.4.1

**sendDeviceInfos**

```
public void sendDeviceInfos(com.selligent.sdk.SMDeviceInfos deviceInfos)
```

This method will send a "SetInfo" event to the platform ONLY if the properties of the `SMDeviceInfos` object changed since the last call

**Parameters:**

`deviceInfos` - Wrapper over a few properties of the device.



com.selligent.sdk

Class SMNotificationButton

java.lang.Object  
com.selligent.sdk.SMNotificationButton

All Implemented Interfaces:

java.io.Externalizable, java.io.Serializable

Direct Known Subclasses:

SMLink

```
public class SMNotificationButton
extends java.lang.Object
implements java.io.Externalizable
```

Object containing all the data used to implement a button in a notification/message.

Since:

1.3

Version:

1.9

See Also:

Serialized Form

Field Summary

Fields	
Modifier and Type	Field and Description
int	action
java.util.Hashtable<java.lang.String, java.lang.String>	data
java.lang.String	id
java.lang.String	label
int	type
java.lang.String	value

Constructor Summary

Constructors	
Constructor and Description	

## Method Summary

### All Methods

### Instance Methods

### Concrete Methods

Modifier and Type	Method and Description
void	<b>readExternal</b> (java.io.ObjectInput serializedObject) This method is called when deserializing the object.
void	<b>writeExternal</b> (java.io.ObjectOutput serializedObject) This method is called when serializing the object.

## Methods inherited from class java.lang.Object

equals, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

## Field Detail

### label

```
public java.lang.String label
```

### id

```
public java.lang.String id
```

### type

```
public int type
```

### action

```
public int action
```

### value

```
public java.lang.String value
```

### data

```
public java.util.Hashtable<java.lang.String,java.lang.String> data
```

## ***Constructor Detail***

### **SMNotificationButton**

```
public SMNotificationButton()
```

## ***Method Detail***

### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Specified by:**

readExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectInput object containing all the values of the SMNotificationButton object to recreate.

**Throws:**

java.io.IOException

java.lang.ClassNotFoundException

**Since:**

1.3

### **writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Specified by:**

writeExternal in interface java.io.Externalizable

**Parameters:**

serializedObject - the ObjectOutputStream object used to store the values of the

SMNotificationButton object

**Throws:**

java.io.IOException

**Since:**

1.3

## Interface SMNotificationCallback

### Deprecated.

Since 1.3, a broadcast is performed at the click on a button (cf. `SManager.BROADCAST_EVENT_BUTTON_CLICKED`)

@Deprecated

```
public interface SMNotificationCallback
```

Interface used to allow code to be called when clicking on a button received from a push and displayed in an alert dialog, menu of a web view, etc. It will be called no matter the action the button is supposed to perform.

Since:

1.0

Version:

1.9

### Method Summary

All Methods	Instance Methods	Abstract Methods	Deprecated Methods
Modifier and Type	Method and Description		
void	<code>onButtonClick</code> (java.lang.String buttonId, int buttonAction, java.lang.String buttonValue) <b>Deprecated.</b>		

### Method Detail

onButtonClick
<pre>void onButtonClick(java.lang.String buttonId,                     int buttonAction,                     java.lang.String buttonValue)</pre> <b>Deprecated.</b>

com.selligent.sdk

## Enum SMRemoteMessageDisplayType

```
java.lang.Object
    java.lang.Enum<SMRemoteMessageDisplayType>
        com.selligent.sdk.SMRemoteMessageDisplayType
```

### All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMRemoteMessageDisplayType>
```

```
public enum SMRemoteMessageDisplayType
    extends java.lang.Enum<SMRemoteMessageDisplayType>
```

List the different possibilities to display a remote message received while the app is in foreground - Automatic: the message is automatically displayed - Notification: a notification is created, the user needs to click on it to display the message - None: nothing is done, the message is not displayed, it is up to the app to display it (cf.

```
SMManager.getLastRemotePushNotification(),
SMManager.displayLastReceivedRemotePushNotification(android.app.Activity))
```

### Since:

1.3

### Version:

1.9

### Enum Constant Summary

#### Enum Constants

Enum Constant and Description
-------------------------------

Automatic
-----------

None
------

Notification
--------------

### Method Summary

All Methods	Static Methods	Concrete Methods
-------------	----------------	------------------

Modifier and Type	Method and Description
-------------------	------------------------

static <b>SMRemoteMessageDisplayType</b>	<b>valueOf</b> (java.lang.String name) Returns the enum constant of this type with the specified name.
--	---

static <b>SMRemoteMessageDisplayType</b> []	<b>values</b> () Returns an array containing the constants of this enum type, in
---	---

the order they are declared.

### Methods inherited from class java.lang.Enum

compareTo, equals, getDeclaringClass, hashCode, name, ordinal, toString, valueOf

### Methods inherited from class java.lang.Object

getClass, notify, notifyAll, wait, wait, wait

## Enum Constant Detail

### Automatic

```
public static final SMRemoteMessageDisplayType Automatic
```

### Notification

```
public static final SMRemoteMessageDisplayType Notification
```

### None

```
public static final SMRemoteMessageDisplayType None
```

## Method Detail

### values

```
public static SMRemoteMessageDisplayType[] values()
```

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMRemoteMessageDisplayType c : SMRemoteMessageDisplayType.values())  
    System.out.println(c);
```

#### Returns:

an array containing the constants of this enum type, in the order they are declared

### valueOf

```
public static SMRemoteMessageDisplayType valueOf(java.lang.String name)
```

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

java.lang.IllegalArgumentException - if this enum type has no constant with the specified name

java.lang.NullPointerException - if the argument is null



com.selligent.sdk

## Class SMSettings

java.lang.Object  
com.selligent.sdk.SMSettings

```
public class SMSettings  
extends java.lang.Object
```

Configuration object passed to the 'start' method of SMManager.

### Since:

1.0

### Version:

1.9

### See Also:

`SMManager.start(SMSettings)`

## Field Summary

### Fields

Modifier and Type	Field and Description
<code>SMClearCache</code>	<code>ClearCacheIntervalValue</code> This value tells how often the SDK's inAppMessagesCache mechanism should clear itself.
<code>java.lang.String</code>	<code>ClientId</code> The client id given by Selligent to contact the web services
<code>boolean</code>	<code>ConfigureGeolocation</code> This is will tell the SDK to use the geolocation.
<code>java.lang.String</code>	<code>GoogleApplicationId</code> The application id given by the Firebase Developer Console
<code>SMInAppRefreshType</code>	<code>InAppContentRefreshType</code> This is will tell how often the SDK must get the In App content.
<code>SMInAppRefreshType</code>	<code>InAppMessageRefreshType</code> This is will tell how often the SDK must get the In App messages.
<code>java.lang.String</code>	<code>PrivateKey</code> The private key given by Selligent to contact the web services
<code>SMRemoteMessageDisplayType</code>	<code>RemoteMessageDisplayType</code> If set to Automatic, when the app is active, the remote push messages will

automatically be displayed.

`SMThemeCategories`

**Theme**

**Deprecated.**

since 1.4, this value is not used anymore

`java.lang.String`

**WebServiceUrl**

The URL of the Selligent web services

## Constructor Summary

### Constructors

#### Constructor and Description

`SMSettings()`

## Method Summary

### Methods inherited from class `java.lang.Object`

`equals`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

## Field Detail

### GoogleApplicationId

`public java.lang.String GoogleApplicationId`

The application id given by the Firebase Developer Console

### WebServiceUrl

`public java.lang.String WebServiceUrl`

The URL of the Selligent web services

### ClientId

`public java.lang.String ClientId`

The client id given by Selligent to contact the web services

### PrivateKey

```
public java.lang.String PrivateKey
```

The private key given by Selligent to contact the web services

## Theme

@Deprecated

```
public SMThemeCategories Theme
```

**Deprecated.** *since 1.4, this value is not used anymore*

The category of theme used (Holo, Material, AppCompat, DeviceDefault or Theme). This will allow the SDK to create the alert dialogs with a correct layout. If set to DeviceDefault, the layout of the dialog will depend on the version of Android (Lollipop and above will have Material, others will have Holo).

**Since:**

1.2

## ClearCacheIntervalValue

```
public SMClearCache ClearCacheIntervalValue
```

This value tells how often the SDK's inAppMessagesCache mechanism should clear itself. Internally, each notification-messages has a life span. Clearing the inAppMessagesCache stands for deleting notification messages with an expired life span. In other words, only old notification messages are deleted from the inAppMessagesCache. More recent ones are kept in memory until their life span expires and a new clearInAppMessageCache is called. By default, this value is set to Auto. Configuring this value depends how frequently the application will query specific notification messages. In other words, it depends how often you call the API `SManager.displayMessage(String, Activity)`. In a nutshell: \* If the application will never query `SManager.displayMessage(String, Activity)`, we recommend keeping this value to default. \* If the application use the "In app messages" service, we recommend keeping this value to default. \* On the other hand, if the application abuse `SManager.displayMessage(String, Activity)`, we recommend selecting a value higher than the default one. As soon as IAM-service is enabled, the SDK will consider Week as being the default value. Except if you explicitly override the property. In 99% of the cases, you should not override this property as the SDK is smart enough to handle the inAppMessagesCache mechanism by itself.

**Since:**

1.3

## InAppMessageRefreshType

```
public SMInAppRefreshType InAppMessageRefreshType
```

This will tell how often the SDK must get the In App messages. Setting this property WILL enable the In App messages in the SDK, even if the value is set to "None". If you do not want to enable the In App messages, leave it to null. If you do not set a value, you can still do it later by calling `SManager.enableInAppMessages(SMInAppRefreshType)`

**Since:**

1.3

## InAppContentRefreshType

```
public SMinAppRefreshType InAppContentRefreshType
```

This is will tell how often the SDK must get the In App content. Setting this property WILL enable the In App content in the SDK, even if the value is set to "None". If you do not want to enable the In App content, leave it to null.

**Since:**

1.4

## ConfigureGeolocation

```
public boolean ConfigureGeolocation
```

This is will tell the SDK to use the geolocation. Default is false. If you didn't set "enableOnFirstRun" to false in the plotconfig.json file, geolocation will enable right away, asking for the permission if needed, monitoring geofences and displaying notifications. Otherwise, you will need to call `SMManager.enableGeolocation()`. NB: In the plotconfig.json file, if "enableOnFirstRun" or "automaticallyAskLocationPermission" is set to false, you have to ask for the location permission yourself. The default value for these settings is true.

**Since:**

1.7

## RemoteMessageDisplayType

```
public SRemoteMessageDisplayType RemoteMessageDisplayType
```

If set to Automatic, when the app is active, the remote push messages will automatically be displayed. If set to Notification, the user will have to click on the notification to display them. If set to None, nothing will happen, the app has to manage the display (cf. `SMManager.getLastRemotePushNotification()`, `SMManager.displayLastReceivedRemotePushNotification(android.app.Activity)`) Default value is Automatic.

**Since:**

1.3

**See Also:**

[SMManager](#)

## Constructor Detail

### SMSettings

```
public SMSettings()
```

# Enum SMThemeCategories

```
java.lang.Object
  java.lang.Enum<SMThemeCategories>
    com.selligent.sdk.SMThemeCategories
```

All Implemented Interfaces:

```
java.io.Serializable, java.lang.Comparable<SMThemeCategories>
```

Deprecated.

```
@Deprecated
public enum SMThemeCategories
extends java.lang.Enum<SMThemeCategories>
```

Since:

1.2

Version:

1.9

## Enum Constant Summary

Enum Constants
Enum Constant and Description
AppCompat Deprecated.
DeviceDefault Deprecated.
Holo Deprecated.
Material Deprecated.
Theme Deprecated.

## Method Summary

All Methods	Static Methods	Concrete Methods	Deprecated Methods
Modifier and Type		Method and Description	
static <code>SMThemeCategories</code>		<code>valueOf(java.lang.String name)</code> <b>Deprecated.</b> Returns the enum constant of this type with the specified name.	
static <code>SMThemeCategories[]</code>		<code>values()</code> <b>Deprecated.</b> Returns an array containing the constants of this enum type, in the order they are declared.	

### Methods inherited from class java.lang.Enum

`compareTo`, `equals`, `getDeclaringClass`, `hashCode`, `name`, `ordinal`, `toString`, `valueOf`

### Methods inherited from class java.lang.Object

`getClass`, `notify`, `notifyAll`, `wait`, `wait`, `wait`

### Enum Constant Detail

#### Theme

```
public static final SMThemeCategories Theme
```

**Deprecated.**

#### DeviceDefault

```
public static final SMThemeCategories DeviceDefault
```

**Deprecated.**

#### Holo

```
public static final SMThemeCategories Holo
```

**Deprecated.**

#### Material

```
public static final SMThemeCategories Material
```

**Deprecated.**

## AppCompat

```
public static final SMThemeCategories AppCompat
```

**Deprecated.**

### Method Detail

#### values

```
public static SMThemeCategories[] values()
```

**Deprecated.**

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

```
for (SMThemeCategories c : SMThemeCategories.values())  
    System.out.println(c);
```

**Returns:**

an array containing the constants of this enum type, in the order they are declared

#### valueOf

```
public static SMThemeCategories valueOf(java.lang.String name)
```

**Deprecated.**

Returns the enum constant of this type with the specified name. The string must match *exactly* an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)

**Parameters:**

name - the name of the enum constant to be returned.

**Returns:**

the enum constant with the specified name

**Throws:**

java.lang.IllegalArgumentException - if this enum type has no constant with the specified name

java.lang.NullPointerException - if the argument is null



# Serialized Form

## Package com.selligent.sdk

***Class [com.selligent.sdk.SMEvent](#) extends [java.lang.Object](#) implements [Serializable](#)***

**serialVersionUID:** 1L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

#### **Throws:**

[java.io.IOException](#)

[java.lang.ClassNotFoundException](#)

#### **writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

#### **Throws:**

[java.io.IOException](#)

***Class [com.selligent.sdk.SMEventUserLogin](#) extends [com.selligent.sdk.SMEventUser](#) implements [Serializable](#)***

**serialVersionUID:** 1L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
```

```
throws java.io.IOException,  
        java.lang.ClassNotFoundException
```

**Throws:**

```
java.io.IOException  
java.lang.ClassNotFoundException
```

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)  
        throws java.io.IOException
```

**Throws:**

```
java.io.IOException
```

***Class [com.selligent.sdk.SMEventUserLogout](#) extends [com.selligent.sdk.SMEventUser](#) implements [Serializable](#)***

**serialVersionUID:** 1L

## Serialization Methods

**readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)  
        throws java.io.IOException,  
                java.lang.ClassNotFoundException
```

**Throws:**

```
java.io.IOException  
java.lang.ClassNotFoundException
```

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)  
        throws java.io.IOException
```

**Throws:**

```
java.io.IOException
```

***Class [com.selligent.sdk.SMEventUserRegister](#) extends [com.selligent.sdk.SMEventUser](#)***

***implements Serializable***

**serialVersionUID:** 1L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

#### **Throws:**

java.io.IOException

java.lang.ClassNotFoundException

#### **writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

#### **Throws:**

java.io.IOException

***Class [com.selligent.sdk.SMEventUserUnregister](#) extends [com.selligent.sdk.SMEventUser](#) implements Serializable***

**serialVersionUID:** 1L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

#### **Throws:**

java.io.IOException

java.lang.ClassNotFoundException

#### **writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
```

throws java.io.IOException

**Throws:**

java.io.IOException

***Class `com.selligent.sdk.SMInAppContent` extends `com.selligent.sdk.BaseMessage` implements `Serializable`***

**serialVersionUID:** 1L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Throws:**

java.io.IOException

java.lang.ClassNotFoundException

#### **writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Throws:**

java.io.IOException

***Class `com.selligent.sdk.SMInAppMessage` extends `java.lang.Object` implements `Serializable`***

**serialVersionUID:** 3L

### Serialization Methods

#### **readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
```

```
throws java.io.IOException,  
        java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Throws:**

```
java.io.IOException  
java.lang.ClassNotFoundException
```

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)  
        throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Throws:**

```
java.io.IOException
```

**Class *com.selligent.sdk.SMLink* extends *SMNotificationButton* implements *Serializable***

**serialVersionUID:** 1L

## Serialization Methods

**readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)  
        throws java.io.IOException,  
                java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Throws:**

```
java.io.IOException  
java.lang.ClassNotFoundException
```

**Since:**

1.3

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)  
        throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Throws:**

`java.io.IOException`

**Since:**

1.3

**Class *com.selligent.sdk.SMNotificationButton* extends *java.lang.Object* implements *Serializable***

**serialVersionUID:** 2L

### Serialization Methods

**readExternal**

```
public void readExternal(java.io.ObjectInput serializedObject)
    throws java.io.IOException,
           java.lang.ClassNotFoundException
```

This method is called when deserializing the object. It should not be called manually.

**Throws:**

`java.io.IOException`

`java.lang.ClassNotFoundException`

**Since:**

1.3

**writeExternal**

```
public void writeExternal(java.io.ObjectOutput serializedObject)
    throws java.io.IOException
```

This method is called when serializing the object. It should not be called manually.

**Throws:**

`java.io.IOException`

**Since:**

1.3

# Constant Field Values

## Contents

com.selligent.\*

### com.selligent.\*

com.selligent.sdk.SMManager					
Modifier and Type			Constant Field	Value	
public	static	final	java.lang.String	BROADCAST_DATA_BUTTON	"SMDDataButton"
public	static	final	java.lang.String	BROADCAST_DATA_GCM_TOKEN	"SMDDataGCMToken"
public	static	final	java.lang.String	BROADCAST_DATA_IN_APP_CONTENTS	"SMDDataInAppContents"
public	static	final	java.lang.String	BROADCAST_DATA_IN_APP_MESSAGES	"SMDDataInAppMessages"
public	static	final	java.lang.String	BROADCAST_EVENT_BUTTON_CLICKED	"SMEventButtonClicked"
public	static	final	java.lang.String	BROADCAST_EVENT_RECEIVED_GCM_TOKEN	"SMReceivedGCMToken"
public	static	final	java.lang.String	BROADCAST_EVENT_RECEIVED_IN_APP_CONTENTS	"SMReceivedInAppContent"
public	static	final	java.lang.String	BROADCAST_EVENT_RECEIVED_IN_APP_MESSAGE	"SMReceivedInAppMessage"
public	static	final	java.lang.String	BROADCAST_EVENT_RECEIVED_REMOTE_NOTIFICATION	"SMReceivedRemoteNotification"
public	static	final	java.lang.String	BROADCAST_EVENT_WILL_DISMISS_NOTIFICATION	"SMEventWillDismissNotification"
public	static	final	java.lang.String	BROADCAST_EVENT_WILL_DISPLAY_NOTIFICATION	"SMEventWillDisplayNotification"
public	static	final	java.lang.String	VERSION_LIB	"1.9.0"