

RestoreObserver

public abstract class RestoreObserver

extends Object

(<https://developer.android.com/reference/java/lang/Object.html>)

java.lang.Object (<https://developer.android.com/reference/java/lang/Object.html>)

↳ android.app.backup.RestoreObserver

added in API level 8

(<https://developer.android.com/guide/topics/manifest/uses-sdk-element.html#ApiLevels>)

Summary: Ctors (#pubctors) | Methods (#pubmethods) | Inherited Methods (#inhmethods) | [Expand All] (#)

Callback class for receiving progress reports during a restore operation. These methods will all be called on your application's main thread.

Summary

| | |
|---|--|
| Public constructors | |
| RestoreObserver (https://developer.android.com/reference/android/app/backup/RestoreObserver.html#RestoreObserver())() | |

| | |
|----------------|---|
| Public methods | |
| void | <div>onUpdate (https://developer.android.com/reference/android/app/backup/RestoreObserver.html#onUpdate(int,java.lang.String))(int nowBeingRestored, String (https://developer.android.com/reference/java/lang/String.html) currentPackage)</div> <div>An indication of which package is being restored currently, out of the total number provided in the <code>restoreStarting(int)</code> (https://developer.android.com/reference/android/app/backup/RestoreObserver.html#restoreStarting(int)) callback.</div> |
| void | <div>restoreFinished ((int error))</div> <div>The restore process has completed.</div> |
| void | <div>restoreStarting ((int numPackages))</div> <div>The restore operation has begun.</div> |

| | |
|-------------------|--|
| Inherited methods | |
| ▼ | (#)From class java.lang.Object (https://developer.android.com/reference/java/lang/Object.html) |

Public constructors

RestoreObserver

added in API level 8 (<https://developer.android.com/guide/topics/manifest/uses-sdk-element.html#ApiLevels>)

RestoreObserver ()

Public methods

onUpdate

added in API level 8 (<https://developer.android.com/guide/topics/manifest/uses-sdk-element.html#ApiLevels>)

```
void onUpdate (int nowBeingRestored,  
               String (https://developer.android.com/reference/java/lang/String.html) currentPackage)
```

An indication of which package is being restored currently, out of the total number provided in the `restoreStarting(int)` ([https://developer.android.com/reference/android/app/backup/RestoreObserver.html#restoreStarting\(int\)](https://developer.android.com/reference/android/app/backup/RestoreObserver.html#restoreStarting(int))) callback. This method is not guaranteed to be called: if the transport is unable to obtain data for one or more of the requested packages, no `onUpdate()` call will occur for those packages.

| Parameters | |
|-------------------------------|---|
| <code>nowBeingRestored</code> | <code>int</code> : The index, between 1 and the <code>numPackages</code> parameter to the <code>restoreStarting(int)</code> (https://developer.android.com/reference/android/app/backup/RestoreObserver.html#restoreStarting(int)) callback, of the package now being restored. This may be non-monotonic; it is intended purely as a rough indication of the backup manager's progress through the overall restore process. |
| <code>currentPackage</code> | <code>String</code> : The name of the package now being restored. |

restoreFinished

added in API level 8 (<https://developer.android.com/guide/topics/manifest/uses-sdk-element.html#ApiLevels>)

```
void restoreFinished (int error)
```

The restore process has completed. This method will always be called, even if no individual package restore operations were attempted.

| Parameters | |
|--------------------|--|
| <code>error</code> | <code>int</code> : Zero on success; a nonzero error code if the restore operation as a whole failed. |

restoreStarting

added in API level 8 (<https://developer.android.com/guide/topics/manifest/uses-sdk-element.html#ApiLevels>)

```
void restoreStarting (int numPackages)
```

The restore operation has begun.

| Parameters | |
|--------------------------|--|
| <code>numPackages</code> | <code>int</code> : The total number of packages being processed in this restore operation. |

