| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RegisterableService.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html)   [**NEXT CLASS**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) | [**FRAMES**](http://docs.google.com/index.html?javax/imageio/spi/RegisterableService.html)    [**NO FRAMES**](http://docs.google.com/RegisterableService.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

## **javax.imageio.spi**

Interface RegisterableService

**All Known Implementing Classes:** [IIOServiceProvider](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html), [ImageInputStreamSpi](http://docs.google.com/javax/imageio/spi/ImageInputStreamSpi.html), [ImageOutputStreamSpi](http://docs.google.com/javax/imageio/spi/ImageOutputStreamSpi.html), [ImageReaderSpi](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html), [ImageReaderWriterSpi](http://docs.google.com/javax/imageio/spi/ImageReaderWriterSpi.html), [ImageTranscoderSpi](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html), [ImageWriterSpi](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html)

public interface **RegisterableService**

An optional interface that may be provided by service provider objects that will be registered with a ServiceRegistry. If this interface is present, notification of registration and deregistration will be performed.

**See Also:**[ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html)

| **Method Summary** | |
| --- | --- |
| void | [**onDeregistration**](http://docs.google.com/javax/imageio/spi/RegisterableService.html#onDeregistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            Called when an object implementing this interface is removed from the given category of the given registry. |
| void | [**onRegistration**](http://docs.google.com/javax/imageio/spi/RegisterableService.html#onRegistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class))([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry, [Class](http://docs.google.com/java/lang/Class.html)<?> category)            Called when an object implementing this interface is added to the given category of the given registry. |

| **Method Detail** |
| --- |

### onRegistration

void **onRegistration**([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry,  
 [Class](http://docs.google.com/java/lang/Class.html)<?> category)

Called when an object implementing this interface is added to the given category of the given registry. The object may already be registered under another category or categories.

**Parameters:**registry - a ServiceRegistry where this object has been registered.category - a Class object indicating the registry category under which this object has been registered.

### onDeregistration

void **onDeregistration**([ServiceRegistry](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) registry,  
 [Class](http://docs.google.com/java/lang/Class.html)<?> category)

Called when an object implementing this interface is removed from the given category of the given registry. The object may still be registered under another category or categories.

**Parameters:**registry - a ServiceRegistry from which this object is being (wholly or partially) deregistered.category - a Class object indicating the registry category from which this object is being deregistered.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/RegisterableService.html) | [**Tree**](http://docs.google.com/package-tree.html) | [**Deprecated**](http://docs.google.com/deprecated-list.html) | [**Index**](http://docs.google.com/index-files/index-1.html) | [**Help**](http://docs.google.com/help-doc.html) | | --- | --- | --- | --- | --- | --- | --- | --- | | | ***Java™ Platform***  ***Standard Ed. 6*** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| [**PREV CLASS**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html)   [**NEXT CLASS**](http://docs.google.com/javax/imageio/spi/ServiceRegistry.html) | [**FRAMES**](http://docs.google.com/index.html?javax/imageio/spi/RegisterableService.html)    [**NO FRAMES**](http://docs.google.com/RegisterableService.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | FIELD | CONSTR | [METHOD](#3znysh7) | DETAIL: FIELD | CONSTR | [METHOD](#2et92p0) |

[Submit a bug or feature](http://bugs.sun.com/services/bugreport/index.jsp)

For further API reference and developer documentation, see [Java SE Developer Documentation](http://docs.google.com/webnotes/devdocs-vs-specs.html). That documentation contains more detailed, developer-targeted descriptions, with conceptual overviews, definitions of terms, workarounds, and working code examples.

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