| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ImageTranscoderSpi.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/ImageReaderWriterSpi.html)   [**NEXT CLASS**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html) | [**FRAMES**](http://docs.google.com/index.html?javax/imageio/spi/ImageTranscoderSpi.html)    [**NO FRAMES**](http://docs.google.com/ImageTranscoderSpi.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

## **javax.imageio.spi**

Class ImageTranscoderSpi

[java.lang.Object](http://docs.google.com/java/lang/Object.html)  
 [javax.imageio.spi.IIOServiceProvider](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html)  
 **javax.imageio.spi.ImageTranscoderSpi**

**All Implemented Interfaces:** [RegisterableService](http://docs.google.com/javax/imageio/spi/RegisterableService.html)

public abstract class **ImageTranscoderSpi**extends [IIOServiceProvider](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html)

The service provider interface (SPI) for ImageTranscoders. For more information on service provider classes, see the class comment for the IIORegistry class.

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

| **Field Summary** | |
| --- | --- |

| **Fields inherited from class javax.imageio.spi.**[**IIOServiceProvider**](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html) |
| --- |
| [vendorName](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#vendorName), [version](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#version) |

| **Constructor Summary** | |
| --- | --- |
| protected | [**ImageTranscoderSpi**](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html#ImageTranscoderSpi())()            Constructs a blank ImageTranscoderSpi. |
|  | [**ImageTranscoderSpi**](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html#ImageTranscoderSpi(java.lang.String,%20java.lang.String))([String](http://docs.google.com/java/lang/String.html) vendorName, [String](http://docs.google.com/java/lang/String.html) version)            Constructs an ImageTranscoderSpi with a given set of values. |

| **Method Summary** | |
| --- | --- |
| abstract  [ImageTranscoder](http://docs.google.com/javax/imageio/ImageTranscoder.html) | [**createTranscoderInstance**](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html#createTranscoderInstance())()            Returns an instance of the ImageTranscoder implementation associated with this service provider. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getReaderServiceProviderName**](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html#getReaderServiceProviderName())()            Returns the fully qualified class name of an ImageReaderSpi class that generates IIOMetadata objects that may be used as input to this transcoder. |
| abstract  [String](http://docs.google.com/java/lang/String.html) | [**getWriterServiceProviderName**](http://docs.google.com/javax/imageio/spi/ImageTranscoderSpi.html#getWriterServiceProviderName())()            Returns the fully qualified class name of an ImageWriterSpi class that generates IIOMetadata objects that may be used as input to this transcoder. |

| **Methods inherited from class javax.imageio.spi.**[**IIOServiceProvider**](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html) |
| --- |
| [getDescription](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#getDescription(java.util.Locale)), [getVendorName](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#getVendorName()), [getVersion](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#getVersion()), [onDeregistration](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#onDeregistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class)), [onRegistration](http://docs.google.com/javax/imageio/spi/IIOServiceProvider.html#onRegistration(javax.imageio.spi.ServiceRegistry,%20java.lang.Class)) |

| **Methods inherited from class java.lang.**[**Object**](http://docs.google.com/java/lang/Object.html) |
| --- |
| [clone](http://docs.google.com/java/lang/Object.html#clone()), [equals](http://docs.google.com/java/lang/Object.html#equals(java.lang.Object)), [finalize](http://docs.google.com/java/lang/Object.html#finalize()), [getClass](http://docs.google.com/java/lang/Object.html#getClass()), [hashCode](http://docs.google.com/java/lang/Object.html#hashCode()), [notify](http://docs.google.com/java/lang/Object.html#notify()), [notifyAll](http://docs.google.com/java/lang/Object.html#notifyAll()), [toString](http://docs.google.com/java/lang/Object.html#toString()), [wait](http://docs.google.com/java/lang/Object.html#wait()), [wait](http://docs.google.com/java/lang/Object.html#wait(long)), [wait](http://docs.google.com/java/lang/Object.html#wait(long,%20int)) |

| **Constructor Detail** |
| --- |

### ImageTranscoderSpi

protected **ImageTranscoderSpi**()

Constructs a blank ImageTranscoderSpi. It is up to the subclass to initialize instance variables and/or override method implementations in order to provide working versions of all methods.

### ImageTranscoderSpi

public **ImageTranscoderSpi**([String](http://docs.google.com/java/lang/String.html) vendorName,  
 [String](http://docs.google.com/java/lang/String.html) version)

Constructs an ImageTranscoderSpi with a given set of values.

**Parameters:**vendorName - the vendor name.version - a version identifier.

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

### getReaderServiceProviderName

public abstract [String](http://docs.google.com/java/lang/String.html) **getReaderServiceProviderName**()

Returns the fully qualified class name of an ImageReaderSpi class that generates IIOMetadata objects that may be used as input to this transcoder.

**Returns:**a String containing the fully-qualified class name of the ImageReaderSpi implementation class.**See Also:**[ImageReaderSpi](http://docs.google.com/javax/imageio/spi/ImageReaderSpi.html)

### getWriterServiceProviderName

public abstract [String](http://docs.google.com/java/lang/String.html) **getWriterServiceProviderName**()

Returns the fully qualified class name of an ImageWriterSpi class that generates IIOMetadata objects that may be used as input to this transcoder.

**Returns:**a String containing the fully-qualified class name of the ImageWriterSpi implementation class.**See Also:**[ImageWriterSpi](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html)

### createTranscoderInstance

public abstract [ImageTranscoder](http://docs.google.com/javax/imageio/ImageTranscoder.html) **createTranscoderInstance**()

Returns an instance of the ImageTranscoder implementation associated with this service provider.

**Returns:**an ImageTranscoder instance.

| | [**Overview**](http://docs.google.com/overview-summary.html) | [**Package**](http://docs.google.com/package-summary.html) | **Class** | [**Use**](http://docs.google.com/class-use/ImageTranscoderSpi.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/ImageReaderWriterSpi.html)   [**NEXT CLASS**](http://docs.google.com/javax/imageio/spi/ImageWriterSpi.html) | [**FRAMES**](http://docs.google.com/index.html?javax/imageio/spi/ImageTranscoderSpi.html)    [**NO FRAMES**](http://docs.google.com/ImageTranscoderSpi.html)     [**All Classes**](http://docs.google.com/allclasses-noframe.html) |
| SUMMARY: NESTED | [FIELD](#2et92p0) | [CONSTR](#tyjcwt) | [METHOD](#3dy6vkm) | DETAIL: FIELD | [CONSTR](#2s8eyo1) | [METHOD](#26in1rg) |

[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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