



javax.imageio.spi.*

Methods declared in supertypes are hidden in subtypes



RegisterableService

```
void onDeregistration (ServiceRegistry registry, Class category)
void onRegistration (ServiceRegistry registry, Class category)
```



IIOServiceProvider

```
IIOServiceProvider ()
IIOServiceProvider (String vendorName, String version)
```

Accessors

```
String getDescription (Locale locale)
String getVendorName ()
String getVersion ()
Other Public Methods
void onDeregistration (ServiceRegistry registry, Class category)
void onRegistration (ServiceRegistry registry, Class category)
```



ServiceRegistry.Filter

```
boolean filter (Object provider)
```



ServiceRegistry

```
ServiceRegistry (Iterator categories)
```

Static Methods

```
Iterator lookupProviders (Class providerClass)
Iterator lookupProviders (Class providerClass, ClassLoader loader)
```

Accessors

```
Iterator getCategories ()
Object getServiceProviderByClass (Class providerClass)
Iterator getServiceProviders (Class category, boolean useOrdering)
Iterator getServiceProviders (Class category, Filter filter, boolean useOrdering)
boolean setOrdering (Class category, Object firstProvider, Object secondProvider)
Object
```

```
void finalize () ↴
```

Other Public Methods

```
boolean contains (Object provider)
void deregisterAll ()
void deregisterAll (Class category)
void deregisterServiceProvider (Object provider)
boolean deregisterServiceProvider (Object provider, Class category)
void registerServiceProvider (Object provider)
boolean registerServiceProvider (Object provider, Class category)
void registerServiceProviders (Iterator providers)
boolean unsetOrdering (Class category, Object firstProvider, Object secondProvider)
```

Interface Filter



IIORegistry

Static Methods

```
IIORegistry getDefaultInstance ()
```

Other Public Methods

```
void registerApplicationClasspathSpi ()
```



ImageReaderWriterSpi

```
ImageReaderWriterSpi ()
```

```
ImageReaderWriterSpi (String vendorName, String version, String[] names,
String[] suffixes, String[] MIMETypes,
String pluginClassName,
boolean supportsStandardStreamMetadataFormat,
String nativeStreamMetadataFormatName,
String nativeStreamMetadataFormatClassName,
String[] extraStreamMetadataFormatNames,
String[] extraStreamMetadataFormatClassNames,
boolean supportsStandardImageMetadataFormat,
String nativeImageMetadataFormatName,
String nativeImageMetadataFormatClassName,
String[] extraImageMetadataFormatNames,
String[] extraImageMetadataFormatClassNames)
```

```
String[] getExtraImageMetadataFormatNames ()
String[] getExtraStreamMetadataFormatNames ()
String[] getFileSuffixes ()
String[] getFormatNames ()
String[] getMIMETypes ()
```

```
IIOMetadataFormat getImageMetadataFormat (String formatName)
```

```
String getNativeImageMetadataFormatName ()
String getNativeStreamMetadataFormatName ()
String getPluginClassName ()
```

```
IIOMetadataFormat getStreamMetadataFormat (String formatName)
boolean isStandardImageMetadataFormatSupported ()
boolean isStandardStreamMetadataFormatSupported ()
```



ImageTranscoderSpi

```
# ImageTranscoderSpi ()
```

```
ImageTranscoderSpi (String vendorName, String version)
```

Accessors

```
String getReaderServiceProviderName ()
String getWriterServiceProviderName ()
```

Other Public Methods

```
ImageTranscoder createTranscoderInstance ()
```



ImageInputStreamSpi

```
# ImageInputStreamSpi ()
```

```
ImageInputStreamSpi (String vendorName, String version,
Class inputClass)
```

Accessors

```
Class getInputClass ()
Other Public Methods
```

```
boolean canUseCacheFile ()
ImageInputStream createInputStreamInstance (Object input) ↴
ImageInputStream createInputStreamInstance (Object input,
boolean useCache, File cacheDir) ↴
boolean needsCacheFile ()
```



ImageWriterSpi

```
# ImageWriterSpi ()
```

```
ImageWriterSpi (String vendorName, String version, String[] names,
String[] suffixes, String[] MIMETypes,
String writerClassName, Class[] outputTypes,
String[] readerSpiNames,
boolean supportsStandardStreamMetadataFormat,
String nativeStreamMetadataFormatName,
String nativeStreamMetadataFormatClassName,
String[] extraStreamMetadataFormatNames,
String[] extraStreamMetadataFormatClassNames,
boolean supportsStandardImageMetadataFormat,
String nativeImageMetadataFormatName,
String nativeImageMetadataFormatClassName,
String[] extraImageMetadataFormatNames,
String[] extraImageMetadataFormatClassNames)
```

Accessors

```
String[] getImageReaderSpiNames ()
Class[] getOutputTypes ()
boolean isFormatLossless ()
boolean isOwnWriter (ImageWriter writer)
```

Other Public Methods

```
boolean canEncodeImage (ImageTypeSpecifier type)
boolean canEncodeImage (RenderedImage in)
ImageWriter createWriterInstance () ↴
ImageWriter createWriterInstance (Object extension) ↴
```

```
Class[] STANDARD_OUTPUT_TYPE
```



ImageReaderSpi

```
# ImageReaderSpi ()
```

```
ImageReaderSpi (String vendorName, String version, String[] names,
String[] suffixes, String[] MIMETypes,
String readerClassName, Class[] inputTypes,
String[] writerSpiNames,
boolean supportsStandardStreamMetadataFormat,
String nativeStreamMetadataFormatName,
String nativeStreamMetadataFormatClassName,
String[] extraStreamMetadataFormatNames,
String[] extraStreamMetadataFormatClassNames,
boolean supportsStandardImageMetadataFormat,
String nativeImageMetadataFormatName,
String nativeImageMetadataFormatClassName,
String[] extraImageMetadataFormatNames,
String[] extraImageMetadataFormatClassNames)
```

Accessors

```
String[] getImageWriterSpiNames ()
Class[] getInputTypes ()
boolean isOwnReader (ImageReader reader)
```

Other Public Methods

```
boolean canDecodeInput (Object source) ↴
ImageReader createReaderInstance () ↴
ImageReader createReaderInstance (Object extension) ↴
```

```
Class[] STANDARD_INPUT_TYPE
```

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