



javax.imageio.metadata.*

Methods declared in supertypes are hidden in subtypes



IIOMetadataController

boolean activate (IIOMetadata metadata)



IIOMetadataFormat

Accessors

```
int getAttributeDataType (String elementName, String attrName)
String getAttributeDefaultValue (String elementName, String attrName)
String getAttributeDescription (String elementName, String attrName, Locale locale)
String[] getAttributeEnumerations (String elementName, String attrName)
int getAttributeListMaxLength (String elementName, String attrName)
int getAttributeListMinLength (String elementName, String attrName)
String getAttributeMaxValue (String elementName, String attrName)
String getAttributeMinValue (String elementName, String attrName)
String[] getAttributeNames (String elementName)
int getAttributeValueType (String elementName, String attrName)
String[] getChildNames (String elementName)
int getChildPolicy (String elementName)
String getElementDescription (String elementName, Locale locale)
int getElementMaxChildren (String elementName)
int getElementMinChildren (String elementName)
int getObjectArrayMaxLength (String elementName)
int getObjectArrayMinLength (String elementName)
Class getObjectClass (String elementName)
Object getObjectDefaultValue (String elementName)
Object[] getObjectEnumerations (String elementName)
Comparable getObjectMaxValue (String elementName)
Comparable getObjectMinValue (String elementName)
int getObjectValueType (String elementName)
String getRootName ()
boolean isAttributeRequired (String elementName, String attrName)

Other Public Methods
boolean canNodeAppear (String elementName, ImageTypeSpecifier imageType)
```

```
int CHILD_POLICY_EMPTY, CHILD_POLICY_ALL, CHILD_POLICY_SOME,
CHILD_POLICY_CHOICE, CHILD_POLICY_SEQUENCE, CHILD_POLICY_REPEAT,
CHILD_POLICY_MAX, VALUE_NONE, VALUE_ARBITRARY, VALUE_RANGE,
VALUE_RANGE_MIN_INCLUSIVE_MASK, VALUE_RANGE_MAX_INCLUSIVE_MASK,
VALUE_RANGE_MIN_INCLUSIVE, VALUE_RANGE_MAX_INCLUSIVE,
VALUE_RANGE_MIN_MAX_INCLUSIVE, VALUE_ENUMERATION, VALUE_LIST,
DATATYPE_STRING, DATATYPE_BOOLEAN, DATATYPE_INTEGER,
DATATYPE_FLOAT, DATATYPE_DOUBLE
```



IIOMetadata

```
# IIOMetadata ()
# IIOMetadata (boolean standardMetadataFormatSupported,
String nativeMetadataFormatName,
String nativeMetadataFormatClassName,
String[] extraMetadataFormatNames,
String[] extraMetadataFormatClassNames)
```

Accessors

```
Node getAsTree (String formatName)
IIOMetadataController get / setController ()
IIOMetadataController getDefaultController ()
String[] getExtraMetadataFormatNames ()
IIOMetadataFormat getMetadataFormat (String formatName)
String[] getMetadataFormatNames ()
String getNativeMetadataFormatName ()
# IIOMetadataNode getStandardChromaNode ()
# IIOMetadataNode getStandardCompressionNode ()
# IIOMetadataNode getStandardDataNode ()
# IIOMetadataNode getStandardDimensionNode ()
# IIOMetadataNode getStandardDocumentNode ()
# IIOMetadataNode getStandardTextNode ()
# IIOMetadataNode getStandardTileNode ()
# IIOMetadataNode getStandardTransparencyNode ()
# IIOMetadataNode getStandardTree ()
boolean isReadOnly ()
boolean isStandardMetadataFormatSupported ()
void setFromTree (String formatName, Node root)
Other Public Methods
boolean activateController ()
boolean hasController ()
void mergeTree (String formatName, Node root)
void reset ()
```



IIOMetadataFormatImpl

```
IIOMetadataFormatImpl (String rootName, int childPolicy)
IIOMetadataFormatImpl (String rootName, int minChildren, int maxChildren)
```

Static Methods

IIOMetadataFormat getStandardFormatInstance ()

Accessors + Collectors

```
# String get / setResourceBaseName ()
# void addAttribute (String elementName, String attrName, int dataType, boolean required, String defaultValue)
# void addAttribute (String elementName, String attrName, int dataType, boolean required, String defaultValue, List enumeratedValues)
# void addAttribute (String elementName, String attrName, int dataType, boolean required, int listMinLength, int listMaxLength)
# void addAttribute (String elementName, String attrName, int dataType, boolean required, String defaultValue, String minInclusive,
String maxInclusive, boolean minInclusive, boolean maxInclusive)
# void addBooleanAttribute (String elementName, String attrName, boolean hasDefaultValue, boolean defaultValue)
# void addChildElement (String elementName, String parentName)
# void addElement (String elementName, String parentName, int childPolicy)
# void addElement (String elementName, String parentName, int minChildren, int maxChildren)
# void addObjectValue (String elementName, Class classType, boolean required, Object defaultValue)
# void addObjectValue (String elementName, Class classType, int arrayMinLength, int arrayMaxLength)
# void addObjectValue (String elementName, Class classType, boolean required, Object defaultValue, List enumeratedValues)
# void addObjectValue (String elementName, Class classType, Object defaultValue, Comparable minInclusive, Comparable maxInclusive,
boolean minInclusive, boolean maxInclusive)
# void removeAttribute (String elementName, String attrName)
# void removeElement (String elementName)
# void removeObjectValue (String elementName)
```

String standardMetadataFormatName

 org.w3c.dom. **Node**

Accessors

NamedNodeMap

getAttributes ()

NodeList

getChildNodes ()

Node

getFirstChild ()

Node

getLastChild ()

String

getLocalName ()

String

getNamespaceURI ()

Node

getNextSibling ()

String

getNodeName ()

short

getNodeType ()

String

get / setValue () ↵

Document

getOwnerDocument ()

Node

getParentNode ()

String

getPrefix ()

Node

getPreviousSibling ()

boolean

isSupported (String feature, String version)

void

setPrefix (String prefix) ↵

Collectors

Node

appendChild (Node newChild) ↵

Node

insertBefore (Node newChild, Node refChild) ↵

Node

removeChild (Node oldChild) ↵

Other Public Methods

Node

cloneNode (boolean deep)

boolean

hasAttributes ()

boolean

hasChildNodes ()

void


normalize ()

Node

replaceChild (Node newChild, Node oldChild) ↵

short

ELEMENT_NODE, ATTRIBUTE_NODE, TEXT_NODE, CDATA_SECTION_NODE, ENTITY_REFERENCE_NODE, ENTITY_NODE, PROCESSING_INSTRUCTION_NODE, COMMENT_NODE, DOCUMENT_NODE, DOCUMENT_TYPE_NODE, DOCUMENT_FRAGMENT_NODE, NOTATION_NODE

 org.w3c.dom. **Element**

Accessors

String

getAttribute (String name)

String

getAttributeNS (String namespaceURI, String localName)

Attr

getAttributeNode (String name)

Attr

getAttributeNodeNS (String namespaceURI, String localName)

NodeList

getElementsByName (String name)

NodeList

getElementsByNameNS (String namespaceURI, String localName)

String

getTagName ()

void

setAttribute (String name, String value) ↵

void

setAttributeNS (String namespaceURI, String qualifiedName, String value) ↵

Attr

setAttributeNode (Attr newAttr) ↵

Attr

setAttributeNodeNS (Attr newAttr) ↵

Collectors

void

removeAttribute (String name) ↵

void

removeAttributeNS (String namespaceURI, String localName) ↵

Attr

removeAttributeNode (Attr oldAttr) ↵


Other Public Methods

boolean

hasAttribute (String name)

boolean

hasAttributeNS (String namespaceURI, String localName)

 org.w3c.dom. **NodeList**

Accessors


int

getLength ()

Other Public Methods

Node

item (int index)

 **IOMetadataNode**

IOMetadataNode

()

IOMetadataNode

(String nodeName)

Object

get / setUserObject ()