

javax.print.attribute.standard.*

TextSyntax [PrintRequestAttribute](#)

 **RequestingUserName**
RequestingUserName (String userName, Locale locale)


IntegerSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **Copies**
Copies (int value)

URISyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **Destination**
Destination (URI uri)

EnumSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **Fidelity**
Fidelity (int value)
Fidelity FIDELITY_TRUE, FIDELITY_FALSE

DateTimeSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobHoldUntil**
JobHoldUntil (Date dateTime)

IntegerSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobImpressions**
JobImpressions (int value)


IntegerSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobKOctets**
JobKOctets (int value)


IntegerSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobMediaSheets**
JobMediaSheets (int value)


TextSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobName**
JobName (String jobName, Locale locale)


IntegerSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobPriority**
JobPriority (int value)


EnumSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **JobSheets**
JobSheets (int value)
JobSheets NONE, STANDARD


EnumSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **MultipleDocumentHandling**
MultipleDocumentHandling (int value)
MultipleDocumentHandling SINGLE_DOCUMENT, SEPARATE_DOCUMENTS_UNCOLLATED_COPIES, SEPARATE_DOCUMENTS_COLLATED_COPIES, SINGLE_DOCUMENT_NEW_SHEET


EnumSyntax [PrintRequestAttribute](#) [PrintJobAttribute](#)

 **PresentationDirection**
PresentationDirection TOBOTTOM_TORIGHT, TOBOTTOM_TOLEFT, TOTOP_TORIGHT, TOTOP_TOLEFT, TORIGHT_TOBOTTOM, TORIGHT_TOTOP, TOLEFT_TOBOTTOM, TOLEFT_TOTOP

EnumSyntax [PrintRequestAttribute](#) [DocAttribute](#) [PrintJobAttribute](#)

 **Chromaticity**
Chromaticity (int value)
Chromaticity MONOCHROME, COLOR

EnumSyntax [PrintRequestAttribute](#) [DocAttribute](#) [PrintJobAttribute](#)

 **Finishings**
Finishings (int value)
Finishings NONE, STAPLE, COVER, BIND, SADDLE_STITCH, EDGE_STITCH, STAPLE_TOP_LEFT, STAPLE_BOTTOM_LEFT, STAPLE_TOP_RIGHT, STAPLE_BOTTOM_RIGHT, EDGE_STITCH_LEFT, EDGE_STITCH_TOP, EDGE_STITCH_RIGHT, EDGE_STITCH_BOTTOM, STAPLE_DUAL_LEFT, STAPLE_DUAL_TOP, STAPLE_DUAL_RIGHT, STAPLE_DUAL_BOTTOM

EnumSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

PrintJobAttribute PrintRequestAttribute DocAttribute

IntegerSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

EnumSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

SetOfIntegerSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

EnumSyntax PrintRequestAttribute DocAttribute PrintJobAttribute


ResolutionSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

EnumSyntax PrintRequestAttribute DocAttribute PrintJobAttribute

EnumSyntax PrintRequestAttribute DocAttribute PrintJobAttribute


**Media**

Media (int value)

**MediaSizeName**


MediaSizeName (int value)

MediaSizeName ISO_A0, ISO_A1, ISO_A2, ISO_A3, ISO_A4, ISO_A5, ISO_A6, ISO_A7, ISO_A8, ISO_A9, ISO_A10, ISO_B0, ISO_B1, ISO_B2, ISO_B3, ISO_B4, ISO_B5, ISO_B6, ISO_B7, ISO_B8, ISO_B9, ISO_B10, JIS_B0, JIS_B1, JIS_B2, JIS_B3, JIS_B4, JIS_B5, JIS_B6, JIS_B7, JIS_B8, JIS_B9, JIS_B10, ISO_C0, ISO_C1, ISO_C2, ISO_C3, ISO_C4, ISO_C5, ISO_C6, NA_LETTER, NA_LEGAL, EXECUTIVE, LEDGER, TABLOID, INVOICE, FOLIO, QUARTO, JAPANESE_POSTCARD, JAPANESE_DOUBLE_POSTCARD, A, B, C, D, E, ISO_DESIGNATED_LONG, ITALY_ENVELOPE, MONARCH_ENVELOPE, PERSONAL_ENVELOPE, NA_NUMBER_9_ENVELOPE, NA_NUMBER_10_ENVELOPE, NA_NUMBER_11_ENVELOPE, NA_NUMBER_12_ENVELOPE, NA_NUMBER_14_ENVELOPE, NA_6X9_ENVELOPE, NA_7X9_ENVELOPE, NA_9X11_ENVELOPE, NA_9X12_ENVELOPE, NA_10X13_ENVELOPE, NA_10X14_ENVELOPE, NA_10X15_ENVELOPE, NA_5X7, NA_8X10

**MediaName**


MediaName (int value)

MediaName NA_LETTER_WHITE, NA_LETTER_TRANSPARENT, ISO_A4_WHITE, ISO_A4_TRANSPARENT

**MediaTray**

MediaTray (int value)


MediaTray TOP, MIDDLE, BOTTOM, ENVELOPE, MANUAL, LARGE_CAPACITY, MAIN, SIDE

**MediaPrintableArea**

MediaPrintableArea (float x, float y, float w, float h, int units)
MediaPrintableArea (int x, int y, int w, int h, int units)

float getHeight (int units)
float[] getPrintableArea (int units)
float getWidth (int units)

int INCH, MM


**NumberUp**

NumberUp (int value)


**OrientationRequested**

OrientationRequested (int value)

OrientationRequested PORTRAIT, LANDSCAPE, REVERSE_LANDSCAPE, REVERSE_PORTRAIT


**PageRanges**

PageRanges (int[] members)
PageRanges (String members)
PageRanges (int member)
PageRanges (int lowerBound, int upperBound)


**PrintQuality**

PrintQuality (int value)

PrintQuality DRAFT, NORMAL, HIGH


**PrinterResolution**

PrinterResolution (int crossFeedResolution, int feedResolution, int units)

**SheetCollate**

SheetCollate (int value)


SheetCollate UNCOLLATED, COLLATED

**Sides**

Sides (int value)

Sides ONE_SIDED, TWO_SIDED_LONG_EDGE, TWO_SIDED_SHORT_EDGE, DUPLEX, TUMBLE


EnumSyntax Attribute

 **JobStateReason**

JobStateReason (int value)

JobStateReason JOB_INCOMING, JOB_DATA_INSUFFICIENT, DOCUMENT_ACCESS_ERROR, SUBMISSION_INTERRUPTED, JOB_OUTGOING, JOB_HOLD_UNTIL_SPECIFIED, RESOURCES_ARE_NOT_READY, PRINTER_STOPPED_PARTLY, PRINTER_STOPPED, JOB_INTERPRETING, JOB_QUEUED, JOB_TRANSFORMING, JOB_QUEUED_FOR_MARKER, JOB_PRINTING, JOB_CANCELED_BY_USER, JOB_CANCELED_BY_OPERATOR, JOB_CANCELED_AT_DEVICE, ABORTED_BY_SYSTEM, UNSUPPORTED_COMPRESSION, COMPRESSION_ERROR, UNSUPPORTED_DOCUMENT_FORMAT, DOCUMENT_FORMAT_ERROR, PROCESSING_TO_STOP_POINT, SERVICE_OFF_LINE, JOB_COMPLETED_SUCCESSFULLY, JOB_COMPLETED_WITH_WARNINGS, JOB_COMPLETED_WITH_ERRORS, JOB_RESTARTABLE, QUEUED_IN_DEVICE


EnumSyntax Attribute

 **PrinterStateReason**

PrinterStateReason (int value)

PrinterStateReason OTHER, MEDIA_NEEDED, MEDIA_JAM, MOVING_TO_PAUSED, PAUSED, SHUTDOWN, CONNECTING_TO_DEVICE, TIMED_OUT, STOPPING, STOPPED_PARTLY, TONER_LOW, TONER_EMPTY, SPOOL_AREA_FULL, COVER_OPEN, INTERLOCK_OPEN, DOOR_OPEN, INPUT_TRAY_MISSING, MEDIA_LOW, MEDIA_EMPTY, OUTPUT_TRAY_MISSING, OUTPUT_AREA_ALMOST_FULL, OUTPUT_AREA_FULL, MARKER_SUPPLY_LOW, MARKER_SUPPLY_EMPTY, MARKER_WASTE_ALMOST_FULL, MARKER_WASTE_FULL, FUSER_OVER_TEMP, FUSER_UNDER_TEMP, OPC_NEAR_EOL, OPC_LIFE_OVER, DEVELOPER_LOW, DEVELOPER_EMPTY, INTERPRETER_RESOURCE_UNAVAILABLE


EnumSyntax Attribute

 **ReferenceUriSchemesSupported**

ReferenceUriSchemesSupported (int value)

ReferenceUriSchemesSupported FTP, HTTP, HTTPS, GOPHER, NEWS, NNTP, WAIS, FILE


EnumSyntax Attribute

 **Severity**

Severity (int value)

Severity REPORT, WARNING, ERROR

Size2DSyntax Attribute

 **MediaSize**

MediaSize (float x, float y, int units)
MediaSize (int x, int y, int units)
MediaSize (float x, float y, int units, **MediaSizeName** media)
MediaSize (int x, int y, int units, **MediaSizeName** media)

Static Methods
MediaSizeName **findMedia** (float x, float y, int units)
MediaSize **getMediaSizeForName** (**MediaSizeName** media)

Accessors
MediaSizeName **getMediaSizeName** ()


class **Engineering**
class **ISO**
class **JIS**
class **NA**
class **Other**

 **MediaSize.ISO**


MediaSize A0, A1, A2, A3, A4, A5, A6, A7, A8, A9, A10, B0, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, C3, C4, C5, C6, DESIGNATED_LONG

 **MediaSize.Other**

MediaSize EXECUTIVE, LEDGER, INVOICE, FOLIO, QUARTO, ITALY_ENVELOPE, MONARCH_ENVELOPE, PERSONAL_ENVELOPE, JAPANESE_POSTCARD, JAPANESE_DOUBLE_POSTCARD

 **MediaSize.JIS**

MediaSize B0, B1, B2, B3, B4, B5, B6, B7, B8, B9, B10, CHOU_1, CHOU_2, CHOU_3, CHOU_4, CHOU_30, CHOU_40, KAKU_0, KAKU_1, KAKU_2, KAKU_3, KAKU_4, KAKU_5, KAKU_6, KAKU_7, KAKU_8, KAKU_20, KAKU_A4, YOU_1, YOU_2, YOU_3, YOU_4, YOU_5, YOU_6, YOU_7

 **MediaSize.NA**

MediaSize LETTER, LEGAL, NA_5X7, NA_8X10, NA_NUMBER_9_ENVELOPE, NA_NUMBER_10_ENVELOPE, NA_NUMBER_11_ENVELOPE, NA_NUMBER_12_ENVELOPE, NA_NUMBER_14_ENVELOPE, NA_6X9_ENVELOPE, NA_7X9_ENVELOPE, NA_9x11_ENVELOPE, NA_9x12_ENVELOPE, NA_10x13_ENVELOPE, NA_10x14_ENVELOPE, NA_10X15_ENVELOPE

 **MediaSize.Engineering**

MediaSize A, B, C, D, E

DateTimeSyntax [PrintJobAttribute](#)

DateTimeSyntax [PrintJobAttribute](#)

DateTimeSyntax [PrintJobAttribute](#)

IntegerSyntax [PrintJobAttribute](#)

IntegerSyntax [PrintJobAttribute](#)

IntegerSyntax [PrintJobAttribute](#)

TextSyntax [PrintJobAttribute](#)

TextSyntax [PrintJobAttribute](#)

EnumSyntax [PrintJobAttribute](#)

java.util.HashSet [PrintJobAttribute](#)

IntegerSyntax [PrintJobAttribute](#)

IntegerSyntax [PrintJobAttribute](#)

TextSyntax [PrintJobAttribute](#)

SetOfIntegerSyntax [SupportedValuesAttribute](#)

SetOfIntegerSyntax [SupportedValuesAttribute](#)

SetOfIntegerSyntax [SupportedValuesAttribute](#)

SetOfIntegerSyntax [SupportedValuesAttribute](#)

IntegerSyntax [SupportedValuesAttribute](#)

SetOfIntegerSyntax [SupportedValuesAttribute](#)


 **DateTimeAtCompleted**
[DateTimeAtCompleted](#) (Date dateTime)


 **DateTimeAtCreation**
[DateTimeAtCreation](#) (Date dateTime)


 **DateTimeAtProcessing**
[DateTimeAtProcessing](#) (Date dateTime)


 **JobImpressionsCompleted**
[JobImpressionsCompleted](#) (int value)

 **JobKOctetsProcessed**
[JobKOctetsProcessed](#) (int value)


 **JobMediaSheetsCompleted**
[JobMediaSheetsCompleted](#) (int value)

 **JobMessageFromOperator**
[JobMessageFromOperator](#) (String message, Locale locale)

 **JobOriginatingUserName**
[JobOriginatingUserName](#) (String userName, Locale locale)

 **JobState**
[JobState](#) (int value)

JobState UNKNOWN, PENDING, PENDING_HELD, PROCESSING, PROCESSING_STOPPED, CANCELED, ABORTED, COMPLETED


 **JobStateReasons**
[JobStateReasons](#) ()
[JobStateReasons](#) (int initialCapacity)
[JobStateReasons](#) (Collection collection)
[JobStateReasons](#) (int initialCapacity, float loadFactor)


boolean add (Object o)


 **NumberOfDocuments**
[NumberOfDocuments](#) (int value)


 **NumberOfInterveningJobs**
[NumberOfInterveningJobs](#) (int value)

 **OutputDeviceAssigned**
[OutputDeviceAssigned](#) (String deviceName, Locale locale)


 **CopiesSupported**
[CopiesSupported](#) (int member)
[CopiesSupported](#) (int lowerBound, int upperBound)

 **JobImpressionsSupported**
[JobImpressionsSupported](#) (int lowerBound, int upperBound)

 **JobKOctetsSupported**
[JobKOctetsSupported](#) (int lowerBound, int upperBound)

 **JobMediaSheetsSupported**
[JobMediaSheetsSupported](#) (int lowerBound, int upperBound)

 **JobPrioritySupported**
[JobPrioritySupported](#) (int value)

 **NumberUpSupported**
[NumberUpSupported](#) (int[] members)
[NumberUpSupported](#) (int member)
[NumberUpSupported](#) (int lowerBound, int upperBound)

EnumSyntax DocAttribute

TextSyntax DocAttribute

EnumSyntax PrintServiceAttribute

EnumSyntax PrintServiceAttribute

IntegerSyntax PrintServiceAttribute

IntegerSyntax PrintServiceAttribute

TextSyntax PrintServiceAttribute

EnumSyntax PrintServiceAttribute

TextSyntax PrintServiceAttribute

TextSyntax PrintServiceAttribute

TextSyntax PrintServiceAttribute

URISyntax PrintServiceAttribute

URISyntax PrintServiceAttribute


TextSyntax PrintServiceAttribute

EnumSyntax PrintServiceAttribute

java.util.HashMap PrintServiceAttribute

URISyntax PrintServiceAttribute


IntegerSyntax PrintServiceAttribute



Compression


Compression (int value)

Compression **NONE**, **DEFLATE**, **GZIP**, **COMPRESS**



DocumentName

DocumentName (String documentName, **Locale** locale)



ColorSupported

ColorSupported (int value)

ColorSupported **NOT_SUPPORTED**, **SUPPORTED**



PDLOverrideSupported

PDLOverrideSupported (int value)

PDLOverrideSupported **NOT_ATTEMPTED**, **ATTEMPTED**




PagesPerMinute

PagesPerMinute (int value)



PagesPerMinuteColor

PagesPerMinuteColor (int value)



PrinterInfo

PrinterInfo (String info, **Locale** locale)



PrinterIsAcceptingJobs

PrinterIsAcceptingJobs (int value)

PrinterIsAcceptingJobs **NOT_ACCEPTING_JOBS**, **ACCEPTING_JOBS**



PrinterLocation

PrinterLocation (String location, **Locale** locale)



PrinterMakeAndModel

PrinterMakeAndModel (String makeAndModel, **Locale** locale)



PrinterMessageFromOperator

PrinterMessageFromOperator (String message, **Locale** locale)




PrinterMoreInfo

PrinterMoreInfo (URI uri)




PrinterMoreInfoManufacturer

PrinterMoreInfoManufacturer (URI uri)



PrinterName


PrinterName (String printerName, **Locale** locale)



PrinterState

PrinterState (int value)


PrinterState **UNKNOWN**, **IDLE**, **PROCESSING**, **STOPPED**



PrinterStateReasons

PrinterStateReasons ()
PrinterStateReasons (int initialCapacity)
PrinterStateReasons (Map map)
PrinterStateReasons (int initialCapacity, float loadFactor)

Accessors
Object **put** (Object reason, Object severity)
Other Public Methods
Set **printerStateReasonSet** (Severity severity)



PrinterURI

PrinterURI (URI uri)



QueuedJobCount

QueuedJobCount (int value)

