


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)

