December 7, 2011

The Printer Working Group

JTapi Job Ticket Element list

White Paper

JTAPI Job Ticket Element List

The following mapping of the Free Standards Group Job Ticket API (JTAPI - ftp://ftp.pwg.org/pub/pwg/fsg/jobticket/JTAPI_Spec/fsg-openprinting-job-ticket-api-v0100-20050315.pdf) Job Ticket elements to elements of the PWG Semantic Model as represented in v1.55 of the PwgPrintJobTicket Schema was developed in specifying the PWG Print Job Ticket. This mapping has been extracted from the prototype version of the PWG Print Job Ticket and Associated Capabilities best practices document and retrained as a White Paper for future reference. This document has not been reviewed by any PWG Working Group nor does it reflect any changes to the PWG Print Job Ticket and Associated Capabilities document made after December 7, 2011.

JTAPI elements are grouped by object class. Optional objects are marked with "(O)". The "Include" column indicates if the element is included in the PWG REQUIRED and CONDITIONALLY REQUIRED Print Job Ticket Elements.

JTAPI element	Corresponding PWG SM Element	Include
ContactInfo (O)	JobPhoneNumber, JobRecipientName	No
contact-info-name		No
contact-info-roles		No
Destination (O)	ServiceXriSupported	No
Document	Document	implicit
document-data-uri	DocumentUri	Yes
Folding (O)	JobFinishings	No
ForcePage (O)	ForceFrontSide	No
HoleMaking (O)	JobFinishings, MedaCol.MediaHoleCount	No
InsertSheet (O)	InsertSheet	No
insert-sheet-pages		No
insert-sheet-position		No
Job	Job	implicit
job-compression	Compression/CompressionSupplied	Yes

JTAPI element	Corresponding PWG SM Element	Include
job-create-user-name	JobOriginatingUserName	Yes
job-destinations	ServiceUri	implicit
job-document-format	DocumentFormat/DocumentFormatSupplied	Yes
job-documents	Overrides	No
job-fit-policy	no mapping (Perhaps Scaling.AutoScaling from services like scan)	No
job-margin-bottom	MediaBottomMarginSupported	ServiceLevel
job-margin-left	MediaLeftMarginSupported	ServiceLevel
job-margin-right	MediaRightMarginSupported	ServiceLevel
job-margin-top	MediaTopMarginSupported	ServiceLevel
job-media	Media, MediaType, MediaSource, MediaCol	Yes, Yes, No, No
job-output-pages	???	No
job-print-quality	Quality	Yes
job-priority	JobPriority	Yes
job-resolution-x	Resolution (Or maybe PwgRasterDocumentResolutionSupported)	Yes
job-resolution-y	Resolution (Or maybe PwgRasterDocumentResolutionSupported)	Yes
job-scaling-factor-xN/A (Perhaps Scaling from services like scan)		No
JobDocument Page	Overrides	No
JobTicketInfo		Yes
jt-api-charset	N/A	No
jt-api-version	ServiceDescription.VersionsSupported	Service Level
jt-charset	ServiceDescription.CharsetConfigured	Yes (UTF-8)
jt-fidelity	PrintJobTicket.MustHonor, JobMandatoryElements	Yes
jt-job	Job	Yes

JTAPI element	Corresponding PWG SM Element	Include
jt-length-units	N/A	No
jt-type-and-version	Namespace of the service	Yes
Media	Media, MediaCol	Yes, No
media-front-coating	MediaCol.MediaFrontCoating	No
media-manual-feed	MediaSource	No
media-size-name	Media, MediaCol.MediaSizeName	Yes, No
media-type	MediaType, MediaCol.MediaType	Yes, No
PageRange (O)	PageRanges	Yes
SeparatorSheet (O)	SeparatorSheets	No
separator-sheet-type	SeparatorSheets.SeparatorSheetsType	No
Stitching (O)	JobFinishings, FinishingsCol.Stitching	Yes, No
stitching-type		No