Prototyping Template for:
Standard for Internet Printing Protocol (IPP):
Job and Printer Extensions – Set 2

Vendor Name: Apple Inc.

This document is for vendors to indicate their prototyping experience with the operations and attributes defined in the Draft Standard for Internet Printing Protocol (IPP): Job and Printer Extensions - Set 2 (JPS2) document which is in the Call for Prototyping status.

Instructions: Please indicate the vendor name above. Please indicate the vendor name and indicate in the last column of Table 1 and Table 2 (taken from Section 1 of JPS2) the following:

P - Read the spec and have implemented it (in a prototype or released product).

R - Read and understood the spec with the intent to implement.

blank - have not implemented

Please also indicate any issues with the specification that need clarification or change in Table 3.

Table 1: Summary of Attributes defined

Attribute Name (syntax)	Description	Conformance	Prototyping
Operation attributes:			
job-password (octetString (255))	password for secure printing	OPTIONAL	
job-password-encryption (type3 keyword | name (MAX))	password encryption method for secure printing	OPTIONAL	
job-ids (1setOf integer (1:MAX))	List of job ids for Cancel-Jobs, Cancel-My-Jobs, Get-Jobs, and Purge-Jobs operations.	REQUIRED	R
Job Template attributes:("xxx", "xxx-default", and "xxx-supported")			
feed-orientation (type3 keyword)	media edge to be fed into the print engine from the paper tray	OPTIONAL	
font-name-requested (name(MAX))	font name when missing from the document data (e.g. text documents)	OPTIONAL	
font-size-requested (integer (1:MAX))	font size when missing from the document data (e.g. text documents)	OPTIONAL	
job-hold-until-time (dateTime)	hold the job until the supplied date and time	OPTIONAL	R
job-phone-number (uri)	contact telephone number for the job	OPTIONAL	
job-recipient-name (name (MAX))	name of the person that is to receive the output of the job	OPTIONAL	
job-save-disposition (collection)	save the Document Data of a job, such that the job can be re-printed	OPTIONAL	
pdl-init-file (1setOf collection)	controls initialization of the Printer's PDL interpreter(s)	OPTIONAL	
proof-print (collection)	control a proof print of the job before printing a full run of the job	REQUIRED	R
Job Description attribute:			
job-save-printer-make-and-model (text(127))	make and model of the output device which saved this job	OPTIONAL	

Attribute Name (syntax)	Description	Conformance	Prototyping
Printer Description			
job-creation-attributes-supported (1setOf type2 keyword)	set of Job Creation attributes supported	OPTIONAL	
job-ids-supported (boolean)	Whether "job-ids-supported" is supported in Purge-Jobs and Get-Jobs operations	REQUIRED	R
job-password-supported (boolean)	maximum unencrypted password length supported	OPTIONAL	
job-password-encryption-supported (1setOf (type3 keyword | name(MAX)))	encryption methods supports for Secure Print	OPTIONAL	
job-spooling-supported (type2 keyword)	indicates whether or not jobs are spooled before printing	OPTIONAL	
max-save-info-supported (integer(1:MAX))	maximum number of "save-info" member attribute collections that a Printer can accept	OPTIONAL	
media-col-database (1setOf collection)	set of media collections available in the printer's media database	OPTIONAL	
printer-detailed-status-messages (1setOf text (MAX))	additional detailed and technical information about the printer	OPTIONAL	
which-jobs-supported (1setOf type2 keyword)	supported values for the "which-jobs" operation attribute of the Get-Jobs operation	REQUIRED	R

Table 2: Summary of Operations defined or referenced

Operation	Description	Conformance	Prototyping
Cancel-Jobs	allows an operator/administrator to cancel a list of Not Completed jobs or all Not Completed jobs on the Printer	REQUIRED	R
Cancel-My-Jobs	allows a user to cancel a list of their Not Completed jobs or *all* their Not Completed jobs	REQUIRED	R
Reprocess-Job	allows a user to re-process an exact copy of a Retained Job. This operation is defined in [RFC3998]	REQUIRED	R
Resubmit-Job	allows a user to re-process a modified copy of a Retained Job	REQUIRED	R

Table 3: ISSUES needing clarification or change

Operation, Attribute, or Value	ISSUE - Clarification or change