Recommended IPDS Values for Object Container Versions

AFPC-0017-02

Last update: 1/12/2015

This document lists recommendations for values to be returned in the Object Container Version Support self-defining field of the IPDS XOH:OPC reply.

The following table lists recommended values that an IPDS printer should return if it supports the versions listed.

This document is non-normative and can be updated at any time. The intention, however, is that once officially published (in conjunction with the first edition of the IPDS Reference that contains the Object Container Version Support self-defined field), information will only be *added* , and will never be changed. Furthermore, the intention is that information will likely only be added when requested--this document will not attempt to keep up-to-date on all possible versions of all possible object containers.

To request an update to this document, contact Dennis Carney (Ricoh).

Object Container	Versions	Suggested values in XOH:OPC			
		Major version	Minor version	Subminor version	Version name
Anacomp COM Setup File Anacomp COM Tape Label Setup File AnaStack Record Setup File					
Color Management Resource (CMR)	none, AFP object				
Color Mapping Table Setup File	none, AFP object				
EPS without transparency EPS with transparency	3.0 (appears to be only version, at least since 1992)	3	0	X'FFFF'	3.0
GIF	GIF87a	87	X'A'	X'FFFF'	GIF87a
	GIF89a	89	X'A'	X'FFFF'	GIF89a
IOCA Tile Resource	none, AFP object				
JPEG, before AFPC JPEG Subset defined	0.9	0	9	X'FFFF'	0.9
JPEG (AFPC JPEG Subset)	1.0	1	0	X'FFFF'	1.0
JP2 (JPEG2000 File Format)					
PCL page object	1	1	X'FFFF'	X'FFFF'	1
	1+	1	1	X'FFFF'	1+
	2	2	X'FFFF'	X'FFFF'	2
	3	3	X'FFFF'	X'FFFF'	3
	3+	3	1	X'FFFF'	3+
	3c+	3	X'C'	1	3c+
	3GUI	3	2	X'FFFF'	3GUI
	4	4	X'FFFF'	X'FFFF'	4
	5	5	X'FFFF'	X'FFFF'	5
	5e	5	X'E'	X'FFFF'	5e
	5c	5	X'C'	X'FFFF'	5c
	6	6	X'FFFF'	X'FFFF'	6

Object Container	Versions	Suggested values in XOH:OPC			
		Major version	*Minor version*	*Subminor version*	*Version name*
	6, class 1.1	6	1	1	6, class 1.1
	6, class 2.0	6	2	0	6, class 2.0
	6, class 2.1	6	2	1	6, class 2.1
	6, class 3.0	6	3	0	6, class 3.0
PDF multi-page file without transparency	1.0	1	0	X'FFFF'	PDF-1.0
PDF multi-page file with transparency	1.1	1	1	X'FFFF'	PDF-1.1
PDF single-page file without transparency	1.2	1	2	X'FFFF'	PDF-1.2
PDF single-page file with transparency	1.3	1	3	X'FFFF'	PDF-1.3
PDF Resource Object	1.4	1	4	X'FFFF'	PDF-1.4
	1.5	1	5	X'FFFF'	PDF-1.5
	1.6	1	6	X'FFFF'	PDF-1.6
	1.7	1	7	X'FFFF'	PDF-1.7
	1.7 extension level 3	1	7	3	PDF-1.7, ext level 3
	1.7 extension level 5	1	7	5	PDF-1.7, ext level 5
	1.7 extension level 8	1	7	8	PDF-1.7, ext level 8
	(**PLUS** PDF/X, PDF/A, PDF/E, PDF/VT, and PDF/UA versions--no special version support values defined for these at this time.)				
PNG, before AFPC PNG Subset defined	0.9	0	9	X'FFFF'	0.9
PNG (AFPC PNG Subset)	1.0	1	0	X'FFFF'	1.0
Resident Color Profile					
SVG (AFPC SVG subset)	1.1	1	1	X'FFFF'	1.1
TIFF - AFPC TIFF subset	1.0	1	0	X'FFFF'	1.0
TIFF with transparency	6.0 (only version since 1992, but no one fully implements?)	6	0	X'FFFF'	6.0
TIFF without transparency					
TIFF multi-page with transparency					
TIFF multi-page without transparency					
TrueType/OpenType Collection	(Open Type) 1.0	1	0	X'FFFF'	1.0
TrueType/OpenType Font	(Open Type) 1.01	1	0	1	1.01
	(Open Type) 1.1	1	1	X'FFFF'	1.1
	(Open Type) 1.2	1	2	X'FFFF'	1.2
	(Open Type) 1.25	1	2	5	1.25
	(Open Type) 1.3	1	3	X'FFFF'	1.3
	(Open Type) 1.4	1	4	X'FFFF'	1.4
	(Open Type) 1.5	1	5	X'FFFF'	1.5
	(Open Type) 1.6	1	6	X'FFFF'	1.6
UP3I Print Data	1.04	1	0	4	1.04
	1.20	1	2	0	1.20