

IPTC Standard

Photo Metadata

(October 2014)

IPTC Core
Specification Version 1.2

IPTC Extension
Specification Version 1.2



Copyrights

Acknowledgments

About the Standard

IPTC Core Specification Version History

IPTC Extension Specification Version History

About this Document

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Status of this Document

Introduction to IPTC Photo Metadata

Overview

IPTC Photo Metadata (October 2014)

- IPTC Core 1.2
- IPTC Extension 1.2
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Technical Metadata

History

- - -

Photo Metadata specification notation

The specification template

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Generic Specification	A generic specification of the property which is agnostic to any implementation technology. <div>descradminrights reltype</div>		
Name			
XMP implementation	The implementation specification in the context of the Adobe XMP technology		
XMP namespace			
XMP property id			
XMP Value Type		XMP Category	
G2 implementation	The technical implementation specification for IPTC G2-Standards		
Property name			

Generic Specification Notes

The terms Metadata Property and Metadata Structure

(legacy) appended to a property name

(DEPRECATED) appended to a property name

Saving metadata values to files

IPTC Core schema 1.2 specifications

Names and Identifiers

XML namespace URI

<http://iptc.org/std/Iptc4xmpCore/1.0/xmlns/>

preferred XML namespace-prefix

Iptc4xmpCore

other namespaces

User interfaces

Metadata Properties

Generic Specification			
Name	City (legacy)		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			
Generic Specification			
Name	Country (legacy)		

XMP implementation			
XMP namespace		XMP property id	

XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			
Generic Specification			
Name	Keywords		

XMP implementation	
XMP namespace	XMP property id

G2 implementation	
Property name	

Generic Specification	
Name	Scene Code

XMP implementation	
XMP namespace	XMP property id

G2 implementation	
Property name	

Generic Specification	
Name	Subject Code

XMP implementation			
XMP namespace		XMP property id	

XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	Credit Line		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	Rights Usage Terms		
XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
Property name	

Generic Specification			
Name	Address {contact info detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
Property name	

Generic Specification			
Name	City {contact info detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
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Generic Specification			
Name	Phone number(s) {contact info detail}		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	Postal Code {contact info detail}		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

“Deprecated” IIM metadata elements

Urgency

Category

Guideline for mapping Category Codes to Subject NewsCodes

Category Code	Subject NewsCode	Name and definition of the code
		arts, culture and entertainment
		crime, law and justice
		disaster and accident
		economy, business and finance
		education
		environmental issue
		health
		human interest
		labour
		lifestyle and leisure
		politics
		religion and belief
		science and technology
		social issue
		sport

		unrest, conflicts and war
		weather

IPTC Extension schema 1.2 specifications

Names and Identifiers

XML namespace URI

`http://iptc.org/std/Iptc4xmpExt/2008-02-29/`

preferred XML namespace-prefix

`Iptc4xmpExt`

User interfaces

other namespace

Metadata Properties

Generic Specification			
Name	Additional Model Information		
XMP implementation			
XMP namespace			XMP property id
G2 implementation			
Property name			

Generic Specification			
Name	Artwork or Object in the Image		
XMP implementation			

XMP implementation	
XMP namespace	XMP property id
G2 implementation	
Property name	

Generic Specification	
Name	Digital Source File Type (DEPRECATED – use Digital Source Type)

XMP implementation	
XMP namespace	XMP property id
G2 implementation	
Property name	

Generic Specification	
Name	Digital Source Type

XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	Event		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification

XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	Max Avail Width		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

Generic Specification			
Name	PLUS Version		

XMP implementation	
XMP namespace	XMP property id <u> </u>
G2 implementation	
Property name	

Generic Specification	
Name	Copyright Owner
XMP implementation	
XMP namespace	XMP property id <u> </u>
G2 implementation	
Property name	

Generic Specification	
Name	Embedded Encoded Rights Expression
XMP implementation	
XMP namespace	XMP property id

Generic Specification			
Name	Linked Encoded Rights Expression		

XMP implementation			
XMP namespace	XMP property id		

Generic Specification			
Name	Image Creator		

XMP implementation			
XMP namespace	XMP property id		

G2 implementation			
Property name			

Generic Specification			
Name	Licensor		

XMP implementation			
XMP namespace		XMP property id	_____
G2 implementation			
Property name			
Generic Specification			
Name	Minor Model Age Disclosure		

XMP implementation			
XMP namespace		XMP property id	<u> </u>
G2 implementation			
Property name			

Metadata Structure: Artwork or Object in the Image Details

Generic Specification			
Name	Artwork or Object in the Image Details structure {data type}		

Generic Specification			
Name	Copyright Notice {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	
G2 implementation			

Generic Specification	
Name	Current Licensor ID {Artwork or Object detail}
XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Creator {Artwork or Object detail}
XMP implementation	
XMP namespace	XMP property id
G2 implementation	
Property name	

Generic Specification	
Name	Creator ID {Artwork or Object detail}
XMP implementation	

XMP namespace		XMP property id	
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XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Source {Artwork or Object detail}

XMP implementation	
XMP namespace	XMP property id

G2 implementation	
Property name	

Generic Specification	
Name	Source Inventory Number {Artwork or Object detail}

XMP implementation	
XMP namespace	XMP property id

Generic Specification			
Name	Source Inventory URL {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	
Generic Specification			
Name	Content Description {Artwork or Object detail}		
XMP implementation			
XMP namespace		XMP property id	
Generic Specification			
Name	Contribution Description {Artwork or Object detail}		

Generic Specification			
Name	CV-Term ID {CV-Term detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	CV-Term name {CV-Term detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	CV-Term CV ID {CV-Term detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Refined 'about' relationship of the CV-Term {CV-Term detail}		

XMP implementation			
XMP namespace		XMP property id	
Generic Specification			
Name	Rights Expression Language ID {EERE detail}		
XMP implementation			
XMP namespace		XMP property id	

Metadata Structure: Linked Rights Expression Details

Generic Specification

Metadata Structure: Location Details

Generic Specification			
Name	Location Details structure {data type}		

Generic Specification			
Name	City {location detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation			
Property name			

Generic Specification			
Name	Country ISO-Code {location detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
Property name	

Generic Specification			
Name	Country Name {location detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
Property name	

Generic Specification			
Name	Location Identifier {location detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Province or State {location detail}		

XMP implementation			
XMP namespace		XMP property id	
G2 implementation			
Property name			

G2 implementation			
Property name			

Metadata Structure: Person Details

Generic Specification			
Name	Person details structure {data type}		

Generic Specification			
Name	Identifier {Person detail}		

XMP implementation			
XMP namespace		XMP property id	

Generic Specification			
Name	Name {Person detail}		
XMP implementation			
XMP namespace		XMP property id	

Generic Specification	
Name	Characteristics {Person detail}
XMP implementation	
XMP namespace	XMP property id

Generic Specification	
Name	Description {Person detail}
XMP implementation	
XMP namespace	XMP property id

Metadata Structure: Product Details

Generic Specification	
Name	Product details structure {data type}
XMP implementation	
XMP namespace	XMP property id

Metadata Structure: Registry Entry Details

Generic Specification			
Name	Registry Entry Details structure {data type}		

Generic Specification			
Name	Item Id {registry entry detail}		

XMP implementation			
XMP namespace		XMP property id	

G2 implementation			
Property name			

Generic Specification			
Name	Organisation Id {registry entry detail}		
XMP implementation			
XMP namespace		XMP property id	

G2 implementation	
Property name	

References

[illegible]

Appendix 1: Metadata Property Structure Helper

IPTC Core structure

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Appendix 2:

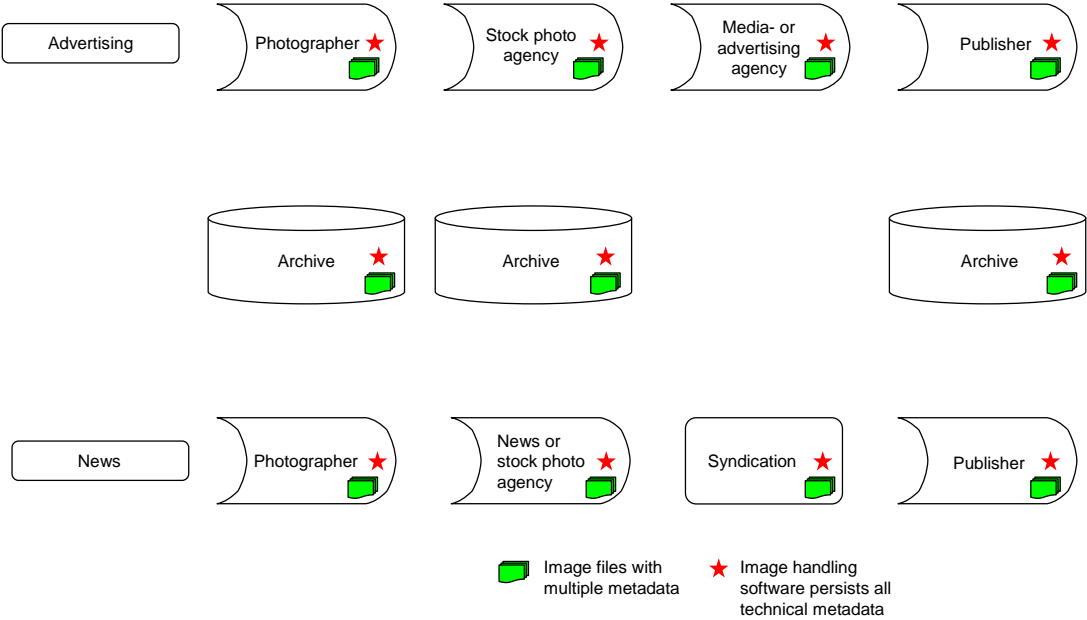
Persistent Technical Photo Metadata – a recommendation

Objectives for Technical Photo Metadata

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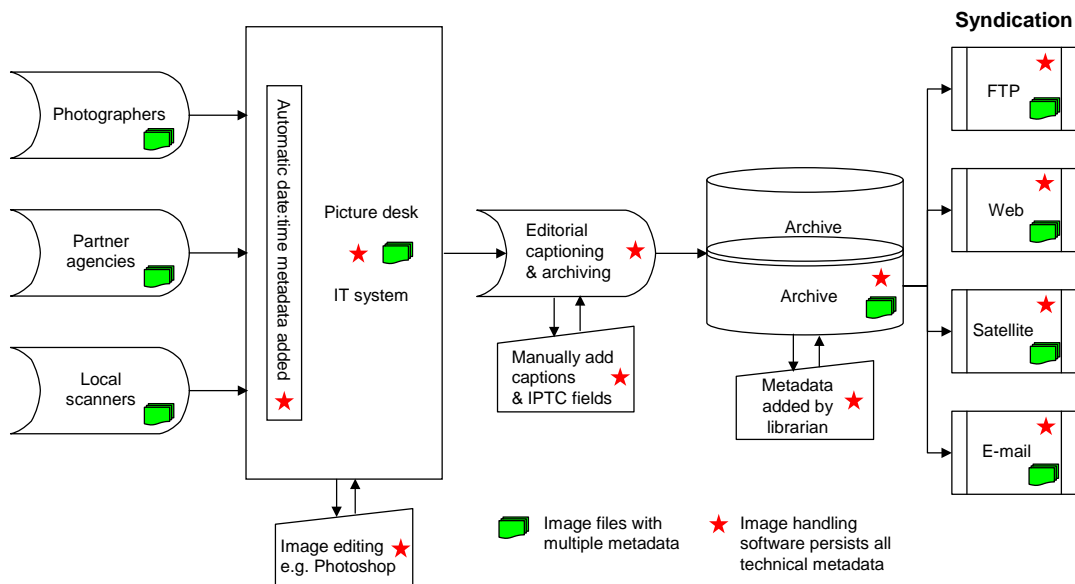
Photo Workflows

Generalised Photo Value Chain



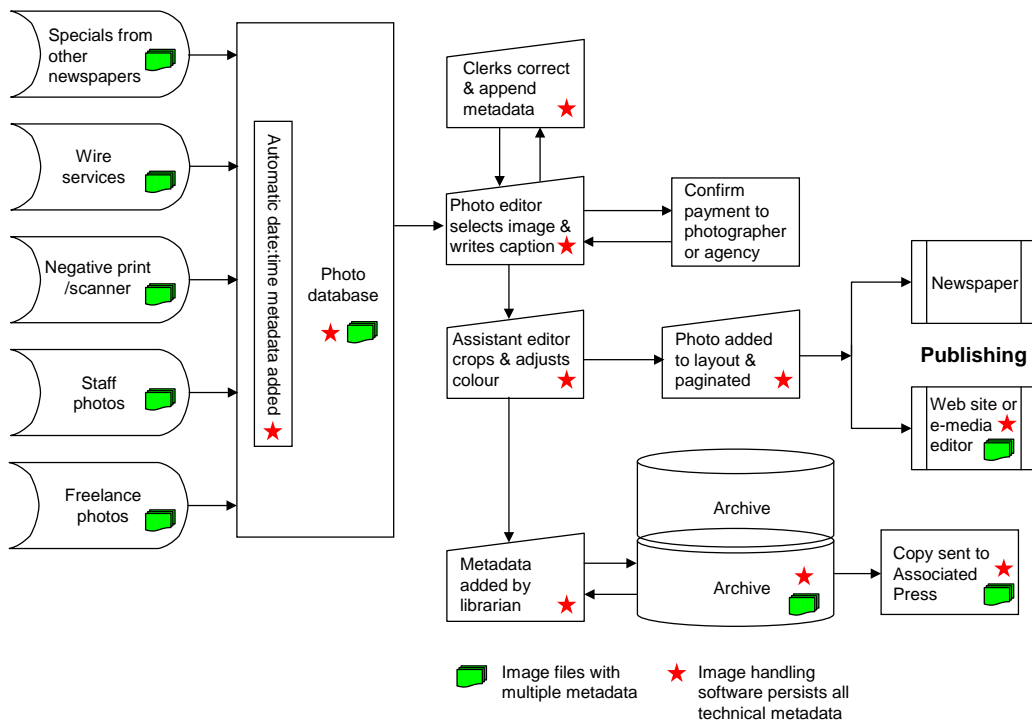
News Agency Workflow

(example from dpa, Deutsche Presse-Agentur)



U.S. Newspaper's Workflow

(a typical example)



Recommendations

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