IPTC Standards

"IPTC Core" Schema for XMP

Version 1.0

Specification document

Document Revision 8

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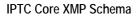**Document URN: urn:iptc:std:Iptc4xmpCore:1.0:spec:XMPSchema:8**
(More information on IPTC URNs in RFC 3937)

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Document Revision History

Revision	Issue Date	Author (revised by)	Remark
1	2004-10-10	Michael Steidl	First version of specification document
2	2004-10-14	Michael Steidl	URI changed to URL type, JobID property description adapted
3	2004-11-09	Michael Steidl	ISO-Country-Codes: allow both 2 and 3-letter codes XMP Value Type changed for CountryCode, Scene, SubjectCode XMP-Path changed for SubjectCode Note on deprecated IIM elements added to the appendix section
4	2004-12-23	Michael Steidl	Fields of value type "ContactInfo" move to special section IIM format field added to Properties list
5	2005-01-11	Michael Steidl	ContactInfo value type: "XMP Path" → "XMP name" reference to specific XMP property replaced by generic term XMP Properties: various minor changes to XMP Value types
6	2005-01-27	Michael Steidl	XMP Path of CopyrightNotice, Description and Title aligned with XMP Dublic Core Schema specs. Change to the synchronisation table.
7	2005-02-01	Michael Steidl	Minor adjustment to legacy synch info in appendix
8	2005-03-15	Michael Steidl	Minor legal naming issue resolved

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1   Introduction to the IPTC for XMP metadata initiative

About ten years ago Adobe Systems Inc. developed the "Image Resource Block" which is a technology to wrap metadata information and to insert this packet into digital image files of various formats, e.g. Photoshop (.psd), JPEG and TIFF.

To populate this abstract wrapper Adobe adopted a subset of metadata elements from the IPTC standard "Information Interchange Model - IIM", thus creating the so called "IPTC headers".

In September 2001 Adobe Systems Inc. introduced its new metadata framework "Extensible Metadata Platform (XMP)" and it was obvious this will make the "Image Resource Blocks" sooner or later obsolete.

In March 2004 the IPTC discussed with Adobe ways for a smooth transfer of metadata values from the legacy "Image Resource Blocks" to the XMP framework. A working group was formed by the IPTC and Adobe to achieve this which was later joined by the IDEAlliance organisation as they created the DISC XMP Schema for photo metadata earlier in 2004.

The working group charter was:

This project is a collaborative effort of the IPTC, AdobeSystems Inc. and IDEAlliance to specify a set of news object related metadata elements for the XMP environment. Its primary intention is to allow unambiguous mapping and a smooth transfer of metadata currently held in "IPTC Headers" of digital photo image files to a new scheme of IPTC metadata. This new scheme should also reflect the additional requirements for metadata elements as they emerged since the creation of the "IPTC Headers" about ten years ago.

This project aims to deliver a specification for this new IPTC metadata scheme for XMP as an XML Schema, Customized Panels for Adobe software to allow editing the metadata, and a documentation for mapping metadata back and forth between the old "IPTC Header" and the new scheme. A first set of deliveries should be made available to the public in October 2004.

In October 2004 the specification of the "IPTC Core" Schema for XMP, version 1.0, was approved by IPTC members, supporting documentation was created later that year.

2   Specification

This document specifies an "IPTC Core" metadata vocabulary expressed as an Adobe XMP Schema. This specification is based on Adobe's XMP Specification document, January 2004 release.

2.1   Names and Identifiers

The **XML namespace URI** for the "IPTC Core" version 1.0 is:
`http://iptc.org/std/Iptc4xmpCore/1.0/xmlns/`

The **preferred XML namespace-prefix** for "IPTC Core" related XMP properties is: `Iptc4xmpCore` The use of this namespace-prefix is not mandatory but highly recommended for interoperability support.

User interfaces (like the custom panels in Adobe CS products) showing "IPTC Core" properties must refer to it as an "IPTC Core" or "IPTC …" panel.

2.2   XMP Property Value Types

2.2.1 Value Type "ContactInfo"

ContactInfo is a generic structure providing a basic set of information to get in contact with a person.

The next two pages show all details for the fields pertaining to this value type   continued >>>

The value type's fields are listed in alphabetical order of their names.   2005-02-01

Field name:	**CiAdrCity**
User interface label:	(Contact info:) City
Description:	The contact information city part.
Note(s):	Note 1: to user interface implementers: This field should be part of a "Contact information" group on the form.
	Note 2: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type:	Text
XMP Name:	The referenced resource's Iptc4xmpCore:CiAdrCity

Field name:	**CiAdrCtry**
User interface label:	(Contact info:) Country
Description:	The contact information county part.
Note(s):	Note 1: to user interface implementers: This field should be part of a "Contact information" group on the form.
	Note 2: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type:	Text
XMP Name:	The referenced resource's Iptc4xmpCore:CiAdrCtry

Field name:	**CiAdrExtadr**
User interface label:	(Contact info:) Address
Description:	The contact information address part. Comprises an optional company name and all required information to locate the building or postbox to which mail should be sent. To that end, the address is a multiline field.
Note(s):	Note 1: to user interface implementers: This field should be part of a "Contact information" group on the form.
	Note 2: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type:	Text
XMP Name:	The referenced resource's Iptc4xmpCore:CiAdrExtadr

Field name:	**CiAdrPcode**
User interface label:	(Contact info:) Postal Code
Description:	The contact information part denoting the local postal code.
Note(s):	Note 1: to user interface implementers: This field should be part of a "Contact information" group on the form.
	Note 2: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type:	Text
XMP Name:	The referenced resource's Iptc4xmpCore:CiAdrPcode

Field name:	**CiAdrRegion**
User interface label:	(Contact info:) State/Province
Description:	The contact information part denoting regional information like state or province.

Note(s): Note 1: to user interface implementers: This field should be part of a "Contact information" group on the form.

Note 2: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type: Text
XMP Name: The referenced resource's Iptc4xmpCore:CiAdrRegion

Field name: CiEmailWork
User interface label: (Contact info:) Email(s)
Description: The contact information email address part. Multiple email addresses can be given, separated by a comma.
Note(s): Note 1 to user interface implementers: This field should be part of a "Contact information" group on the form.
Note 2 to user interface implementers: provide sufficient space to fill in multiple e-mail addresses.

Note 3: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type: Text
XMP Name: The referenced resource's Iptc4xmpCore:CiEmailWork

Field name: CiTelWork
User interface label: (Contact info:) Phone(s)
Description: The contact information phone number part. Multiple numbers can be given, separated by a comma.
Note(s): Note 1 to user interface implementers: This field should be part of a "Contact information" group on the form.
Note 2 to user interface implementers: provide sufficient space to fill in multiple international numbers.

Note 3: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type: Text
XMP Name: The referenced resource's Iptc4xmpCore:CiTelWork

Field name: CiUrlWork
User interface label: (Contact info:) Web URL(s):
Description: The contact information web address part. Multiple addresses can be given, separated by a comma.
Note(s): Note 1 to user interface implementers: This field should be part of a "Contact information" group on the form.
Note 2 to user interface implementers: provide sufficient space to fill in multiple URLs.

Note 3: the ContactInfo naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Value Type: Text
XMP Name: The referenced resource's Iptc4xmpCore:CiUrlWork

2.3   XMP Schema Properties

The next eight pages show the formal specification for the XMP Schema "IPTC Core" with additional information.

Key to the labels:

Property name:	Formal name of the XMP Schema property Mandatory element of the XMP Schema definition.
User interface label:	Recommended value for a label to this property at the user interface level. Not part of the XMP Schema
Description:	Describes the semantics of an XMP Schema property Element of the XMP Schema definition.
Note(s):	Additional information beyond the scope of descriptions. Not part of the XMP Schema
XMP Category:	To specify the maintainer of the metadata values: External metadata must be set by the user Internal metadata must be set by an application software Mandatory element of the XMP Schema definition.
XMP Value Type	Value type as specified by XMP Mandatory element of the XMP Schema definition.
XMP path:	Formal namespace and name of the XMP property this IPTC Core property maps to. This "namespace:name" pair will appear in the XMP packet. Mandatory for XMP agent functionality. Note: The namespace prefix used in this specification is the prefix most commonly used in XMP for a specific namespace, and is the prefix named in the XMP Specification as the "preferred" prefix for each namespace URI. The prefix which actually appears in an XMP packet may vary, as described by the W3C specification "Namespaces in XML" and the RDF specification.
Photoshop CS label:	Label as it is shown on one of the File Info panels Not part of the XMP Schema definition
IIM dataset:	In case of referencing an IIM dataset its name is shown here. Not part of the XMP Schema definition. Shown to support backward compatibility.
IIM format:	The format of the respective IIM dataset: NOtext = binary data .. byte-char = a certain number of one-byte characters date = day date taking the ISO 8601 format "CCYYMMDD"

XMP Schema Properties for "IPTC Core" V 1.00

The XMP Schema properties are listed in alphabetical order of their names.

Property name:	**City**
User interface label:	City
Description:	Name of the city the content is focussing on -- either the place shown in visual media or referenced by text or audio media. This element is at the third level of a top-down geographical hierarchy.
Note(s):	

XMP Schema specifications:

XMP Category:	External	XMP Value Type:	Text
XMP Path:	photoshop:City		

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: City	*2:90 City*	32 byte-char

Property name:	**CopyrightNotice**
User interface label:	Copyright Notice
Description:	Contains any necessary copyright notice for claiming the intellectual property for this news object and should identify the current owner of the copyright for the news object. Other entities like the creator of the news object may be added. Notes on usage rights should be provided in "Rights usage terms".
Note(s):	Note: the XMP property (dc:rights) which stores the value of this IPTC Core property is of type Lang Alt. Hence any software agent dealing with this property must abide to the processing rules for Lang Alt value type as specified by the XMP specifications.

XMP Schema specifications:

XMP Category:	External	XMP Value Type:	Lang Alt
XMP Path:	dc:rights/*[@xml:lang='x-default']		

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Copyright Notice	*2:116 Copyright Notice*	128 byte-char

Property name:	**Country**
User interface label:	Country
Description:	Full name of the country the content is focussing on -- either the country shown in visual media or referenced in text or audio media. This element is at the top/first level of a top-down geographical hierarchy. The full name should be expressed as a verbal name and not as a code, a code should go to the element "CountryCode"
Note(s):	

XMP Schema specifications:

XMP Category:	External	XMP Value Type:	Text
XMP Path:	photoshop:Country		

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Country	*2:101 Country/Primary Location Name*	64 byte-char

Property name:	**CountryCode**
User interface label:	ISO Country Code
Description:	Code of the country the content is focussing on -- either the country shown in visual media or referenced in text or audio media. This element is at the top/first level of a top-down geographical hierarchy. The code should be taken from ISO 3166 two or three letter code. The full name of a country should go to the "Country" element.
Note(s):	Note 1: an implementer would have to derive from the length of the value string whether this is the country code from the two or three letter scheme as no explicit indication can be provided.

XMP Schema Properties for "IPTC Core" V 1.00

XMP Schema specifications:

XMP Category: External	XMP Value Type: closed choice Text	
XMP Path: Iptc4xmpCore:CountryCode		

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:	2:100 Country/Primary Location Code	3 byte-char

Property name: Creator

User interface label: Creator

Description: Contains preferably the name of the person who created the content of this news object, a photographer for photos, a graphic artist for graphics, or a writer for textual news. If it is not appropriate to add the name of a person the name of a company or organisation could be applied as well.

Note(s): Aligning with IIM notions IPTC Core intents to have only one creator for this news object despite the underlying XMP property dc:creator allows for more than one item to be included. If there are more than one item in this array the first one should be considered as the IPTC Core Creator value.

XMP Schema specifications:

XMP Category: External	XMP Value Type: Seq ProperName
XMP Path: dc:creator/*[1]	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Author	2:80 By-line	32 byte-char

Property name: CreatorContactInfo

User interface label: Creator's Contact info:

Description: The creator's contact information provides all necessary information to get in contact with the creator of this news object and comprises a set of sub-properties for proper addressing.

Note(s): Note 1 to user interface implementers: All sub-properties of "Creator's contact information" should be shown as group on the form.

Note 2: the CreatorContactInfo sub-properties' naming aligns with the vCard specification RFC 2426.

XMP Schema specifications:

XMP Category:	XMP Value Type: struct ContactInfo
XMP Path: Iptc4xmpCore:CreatorContactInfo	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:		

Property name: CreatorJobtitle

User interface label: Creator's Jobtitle

Description: Contains the job title of the person who created the content of this news object. As this is sort of a qualifier the Creator element has to be filled in as mandatory prerequisite for using Creator's Jobtitle.

Note(s):

XMP Schema specifications:

XMP Category: External	XMP Value Type: Text
XMP Path: photoshop:AuthorsPosition	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: AuthorsPosition	2:85 By-line Title	32 byte-char

Property name: DateCreated

User interface label: Date Created

Description: Designates the date and optionally the time the intellectual content of the news object was created rather than the date of the creation of the physical representation. If no time is given the value should default to 00:00:00.

XMP Schema Properties for "IPTC Core" V 1.00

Note(s): Note 1: Any content of the IIM dataset 2:60, Time Created, should be merged to this element.

Note 2: Implementers are encouraged to provide the creation date and time from the EXIF data of a digital camera to the user for entering this date for the first time.

XMP Schema specifications:

XMP Category: External   XMP Value Type: Date
XMP Path: photoshop:DateCreated

Legacy / backward compatibility information:	*IIM Dataset name:*	IIM format:
Photoshop CS label: Date Created	*2:55 Date Created*	date-string (CCYYMMDD

Property name: Description
User interface label: Caption/Description
Description: A textual description, including captions, of the news object's content, particularly used where the object is not text.
Note(s): Note: the XMP property (dc:description) which stores the value of this IPTC Core property is of type Lang Alt. Hence any software agent dealing with this property must abide to the processing rules for Lang Alt value type as specified by the XMP specifications.

XMP Schema specifications:

XMP Category: External   XMP Value Type: Lang Alt
XMP Path: dc:description/*[@xml:lang='x-default']

Legacy / backward compatibility information:	*IIM Dataset name:*	IIM format:
Photoshop CS label: Description	*2:120 Caption/Abstract*	2000 byte-char

Property name: DescriptionWriter
User interface label: Caption/Description writer
Description: Identifier or the name of the person involved in writing, editing or correcting the description of the news object.
Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Text
XMP Path: photoshop:CaptionWriter

Legacy / backward compatibility information:	*IIM Dataset name:*	IIM format:
Photoshop CS label: Description Writer	*2:122 Writer/Editor*	32 byte-char

Property name: Headline
User interface label: Headline
Description: A publishable entry providing a synopsis of the contents of the news object. Headline is not the same as Title.
Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Text
XMP Path: photoshop:Headline

Legacy / backward compatibility information:	*IIM Dataset name:*	IIM format:
Photoshop CS label: Headline	*2:105 Headline*	256 byte-char

Property name: Instructions
User interface label: Instructions
Description: Any of a number of instructions from the provider or creator to the receiver of the news object which might include any of the following: embargoes (NewsMagazines OUT) and other restrictions not covered by the "Rights Usage Terms" field; information regarding the original means of capture (scanning notes, colourspace info) or other specific text information that the user may need for accurate reproduction; additional permissions or credits required when publishing.
Note(s):

XMP Schema Properties for "IPTC Core" V 1.00

XMP Schema specifications:

XMP Category: External		XMP Value Type: Text	
XMP Path: photoshop:Instructions			

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Instructions	*2:40 Special Instruction*	256 byte-char

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Property name: IntellectualGenre

User interface label: Intellectual genre

Description: Describes the nature, intellectual or journalistic characteristic of a news object, not specifically its content.

Note(s): Note / Examples:

Journalistic genres: actuality, interview, background, feature, summary, wrapup

News category related genres: daybook, obituary, press release, transcript

It is advised to use terms from a controlled vocabulary.

XMP Schema specifications:

XMP Category: External		XMP Value Type: Text	
XMP Path: Iptc4xmpCore:IntellectualGenre			

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:	*2:04 Object Attribute Reference*	NOtext

Property name: JobID

User interface label: Job Identifier

Description: Number or identifier for the purpose of improved workflow handling. This ID should be added by the creator or provider for transmission and routing purposes only and should have no significance for archiving.

Note(s): Note: As this identifier references a job of the receiver's workflow it has first to be issued by the receiver, then be transmitted to the creator or provider of the news object and finally added by him to this field.

XMP Schema specifications:

XMP Category: External		XMP Value Type: Text	
XMP Path: photoshop:TransmissionReference			

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Transmission Reference	*2:103 Original Transmission Reference*	32 byte-char

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Property name: Keywords

User interface label: Keywords

Description: Keywords to express the subject of the content. Keywords may be free text and don't have to be taken from a controlled vocabulary. Values from the controlled vocabulary IPTC Subject Codes must go to the "Subject Code" element.

Note(s):

XMP Schema specifications:

XMP Category: External		XMP Value Type: bag Text	
XMP Path: dc:subject			

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Keywords	*2:25 Keywords*	64 byte-char

Property name: Location

User interface label: Location

Description: Name of a location the content is focussing on -- either the location shown in visual media or referenced by text or audio media. This location name could either be the name of a sublocation to a city or the name of a well known location or (natural) monument outside a city. In the sense of a sublocation to a city this element is at the fourth level of a top-down geographical hierarchy.

Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Text
XMP Path: Iptc4xmpCore:Location

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:	*2:92 Sublocation*	*32 byte-char*

Property name: Provider
User interface label: Provider
Description: Identifies the provider of the news object, who is not necessarily the owner/creator.
Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Text
XMP Path: photoshop:Credit

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Credit	*2:110 Credit*	*32 byte-char*

Property name: Province-State
User interface label: Province/State
Description: Name of the subregion of a country -- either called province or state or anything else -- the content is focussing on -- either the subregion shown in visual media or referenced by text or audio media. This element is at the second level of a top-down geographical hierarchy.
Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Text
XMP Path: photoshop:State

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: State/Province	*2:95 Province/State*	*32 byte-char*

Property name: RightsUsageTerms
User interface label: Rights Usage Terms
Description: Free text instructions on how this news object can be legally used.
Note(s):

XMP Schema specifications:

XMP Category: External   XMP Value Type: Lang Alt
XMP Path: xmpRights:UsageTerms

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:		

Property name: Scene
User interface label: IPTC Scene
Description: Describes the scene of a photo content. Specifies one ore more terms from the IPTC "Scene-NewsCodes". Each Scene is represented as a string of 6 digits in an unordered list.
Note(s): Note: Only Scene values from this IPTC taxonomy should be used there. More about the IPTC Scene-NewsCodes at www.newscodes.org.

XMP Schema Properties for "IPTC Core" V 1.00

XMP Schema specifications:

XMP Category: External	XMP Value Type: bag closed choice Text
XMP Path: Iptc4xmpCore:Scene	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:		

Property name:	**Source**
User interface label:	Source
Description:	Identifies the original owner of the copyright for the intellectual content of the news object. This could be an agency, a member of an agency or an individual. Source could be different from Creator and from the entities in the CopyrightNotice.
Note(s):	As the orginal owner can not change the content of this property should never be changed or deleted after the information is entered following the news object's inital creation.

XMP Schema specifications:

XMP Category: External	XMP Value Type: Text
XMP Path: photoshop:Source	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Source	*2:115 Source*	32 byte-char

Property name:	**SubjectCode**
User interface label:	IPTC Subject Code
Description:	Specifies one or more Subjects from the IPTC "Subject-NewsCodes" taxonomy to categorize the content. Each Subject is represented as a string of 8 digits in an unordered list.
Note(s):	Note: Only Subjects from a controlled vocabulary should be used in this metadata element, free text has to be put into the Keyword element. More about IPTC Subject-NewsCodes at www.newscodes.org.

XMP Schema specifications:

XMP Category: External	XMP Value Type: bag closed choice Text
XMP Path: Iptc4xmpCore:SubjectCode	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label:	*2:12 Subject Reference*	NOtext

Property name:	**Title**
User interface label:	Title
Description:	A shorthand reference for the news object. While a technical identifer goes to an identifier element, Title holds a short verbal and human readable name. Title is not the same as Headline.
Note(s):	Note 1: This element aligns with the use of Dublin Core's "Title" element.
	Note 2: the XMP property (dc:title) which stores the value of this IPTC Core property is of type Lang Alt. Hence any software agent dealing with this property must abide to the processing rules for Lang Alt value type as specified by the XMP specifications.

XMP Schema specifications:

XMP Category: External	XMP Value Type: Lang Alt
XMP Path: dc:title/*[@xml:lang='x-default']	

Legacy / backward compatibility information:	*IIM Dataset name:*	*IIM format:*
Photoshop CS label: Title	*2:05 Object Name*	64 byte-char

3   Appendix

3.1   "Deprecated" metadata elements

Not all the IIM datasets adopted by Adobe to be used for the Photoshop File Infos have been
adopted for the IPTC Core XMP Schema – in terms of transferring metadata from the legacy IPTC
headers they have to be considered as deprecated:

Urgency: As this metadata element pertains to distribution management it was not adopted. But it is
still synchronised with the XMP property "photoshop:Urgency" and hence available for future
use – but outside the IPTC Core.

Category: As this metadata element was earmarked as deprecated already for IIM 4.1 it was not
adopted. But it is still synchronised with the XMP property "photoshop:Category" and hence
available for future use – but outside the IPTC Core.

Supplemental Categories: As this metadata element was earmarked as deprecated already for IIM
4.1 it was not adopted. But it is still synchronised with the XMP property
"photoshop:SupplementalCategory" and hence available for future use – but outside the IPTC
Core.

3.2   Synchronising IIM elements with existing XMP properties

This table shows how legacy metadata elements from the "IPTC header" – which were taken from
the IPTC Information Interchange Model IIM are synchronised by Adobe Photoshop CS with XMP
properties.

See table on next page >>>

IPTC4XMP Working Group

under the auspices of the IPTC, Adobe Systems Inc., and the IDEAlliance.

Synchronising "legacy IPTC headers" and XMP properties in Photoshop CS

as of September 2004

<----- legacy IPTC headers ----->		<- held in synch with ->	<----- XMP ----->
Photoshop CS File Info	**IIM Dataset**		**XMP property**
Title	2:05 Object Name		dc:title/*[@xml:lang='x-default']
Urgency	2:09 Urgency		photoshop:Urgency
Category	2:15 Category		photoshop:Category
Supplemental Categories	2:20 Supplemental Category		photoshop:SupplementalCategory
Keywords	2:25 Keywords		dc:subject
Instructions	2:40 Special Instruction		photoshop:Instructions
Date Created	2:55 Date Created		photoshop:DateCreated
Author	2:80 By-line		dc:creator/*[1]
AuthorsPosition	2:85 By-line Title		photoshop:AuthorsPosition
City	2:90 City		photoshop:City
State/Province	2:95 Province/State		photoshop:State
Country	2:101 Country/Primary Location Name		photoshop:Country
Transmission Reference	2:103 Original Transmission Reference		photoshop:TransmissionReference
Headline	2:105 Headline		photoshop:Headline
Credit	2:110 Credit		photoshop:Credit
Source	2:115 Source		photoshop:Source
Copyright Notice	2:116 Copyright Notice		dc:rights/*[@xml:lang='x-default']
Description	2:120 Caption/Abstract		dc:description/*[@xml:lang='x-default']
Description Writer	2:122 Writer/Editor		photoshop:CaptionWriter