

Apache XMP Incubator project

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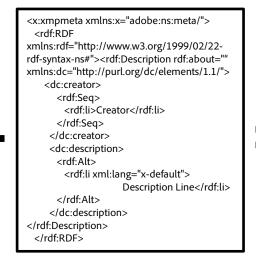


Extensible Metadata Platform



Metadata ???







Adobe created in 2001...



Extensible Metadata Platform





Data model

Schemas

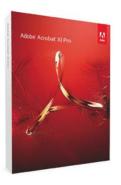
Standard serialization

- File embedding
 - In about 30 file formats

XMP in Adobe Products

















XMP on mobile devices





Image copyright: Google

XMP on Cameras



Image copyright: Nikon

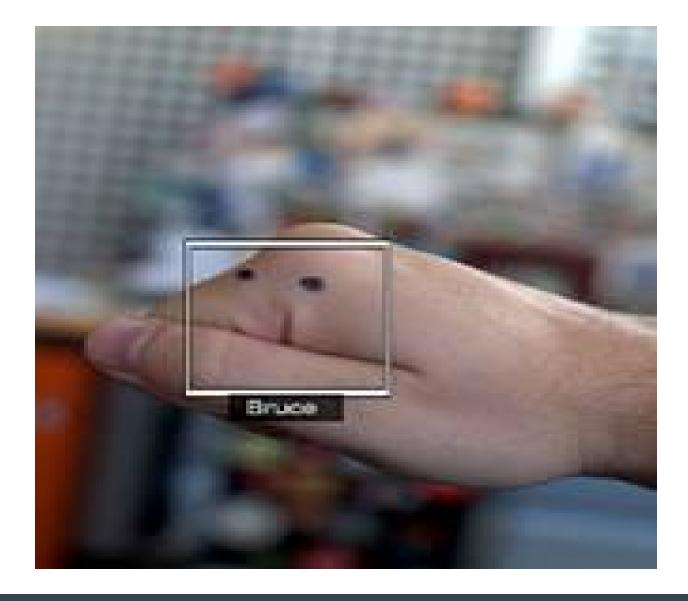


Example software that uses XMP



Image copyright: Google

One example for what XMP is actually being used



Canon













Image copyrights: the respective company



XMP has been adopted by many standards

















XMP specification part 1 is owned by ISO today



XMP = ISO 16684-1

A lot of open source projects around XMP

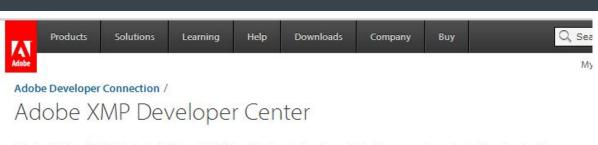








Adobe XMP source public for many years



Adobe's Extensible Metadata Platform (XMP) is a labeling technology that allows you to embed data about a file, known as metadata, into the file itself. More information on how partners and standards are using XMP is available at the XMP website.



XMP Toolkit SDK CS6 (ZIP, 33.7 MB) XMP FileInfo SDK CS6 (ZIP, 2.75 MB)

XMP Specification

The following specifications are included in the XMP Toolkit zip package. They are available here for convenient reference. The specification is provided under the XMP Specification Public Patent License (39) (PDF, 28 K).

Part 1, Data model, Serialization, and Core Properties (PDF, 499 K) [April, 2012] covers the basic metadata representation model that is the foundation of the XMP standard format. The Data Model prescribes how XMP metadata can be organized; it is independent of file format or specific usage. The Serialization Model prescribes how the Data Model is represented in XML, specifically RDF.

Part 2, Additional Properties (PDF, 240 K) [April, 2012] provides detailed property lists and descriptions for standard XMP metadata schemas; these include general-purpose schemas such as Dublin Core, and special-purpose schemas for Adobe applications such as Photoshop. It also provides information on extending existing schemas and creating new schemas.

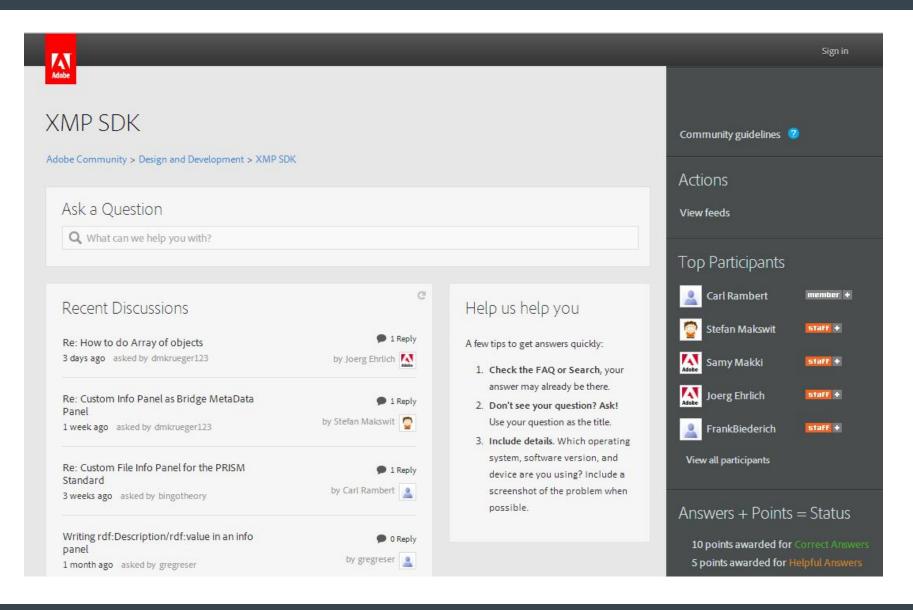
Part 3, Storage in Files (PDF, 755 K) [April, 2012] provides information about how serialized XMP metadata is packaged into XMP Packets and embedded in different file formats. It includes information about how XMP relates to and incorporates other metadata formats, and how to reconcile values that are represented in multiple metadata formats.

XMP Documentation

The Partners Guide to XMP for Dynamic Media provides guidance to developers writing applications that read, write, and modify



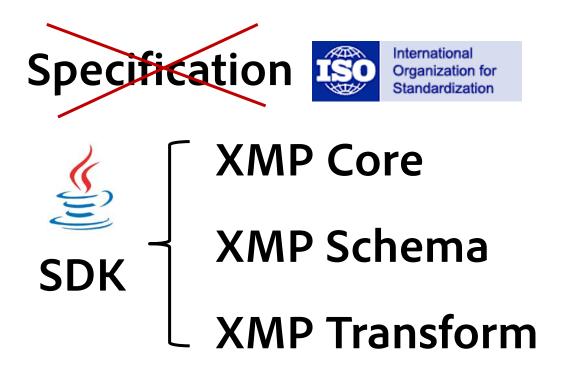
Open Source??;)



Where else?;)



What would Adobe contribute?



C++ SDK as well, but later

+ The XMP Geeks that work at Adobe

Thanks for coming!

If you are interested, please contact me:

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- Hamburg is hiring: http://www.adobe.com/careers.html