



# XMP SDK Overview

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# 1

# The XMP SDK Overview

This document gives an overview of the XMP Software Development Kit contents. It also contains information about compiling the SDK source.

## 1.1 Download files

There are two versions of the SDK:

- XMP Metadata SDK.mac.sit, for Apple Macintosh users
- XMP Metadata SDK.win.zip, for Microsoft Windows users

**NOTE:** The Macintosh and Windows downloads contain exactly the same files. The only difference is the line ending convention for plain text files such as program source.

## 1.2 Contents of SDK

The following components make up the XMP SDK:

- **XMP Toolkit**  
Contains C++ source, headers, and project files. The Toolkit enables both reading and writing of XMP metadata. There are also sample C interfaces included.
- **PacketScanner**  
Sample code implementing a Scanner which takes an arbitrary data stream and parses it, finding and recording all XML packets. There is also code for testing the Scanner and additional test cases.
- **Samples**  
*XAPDumper* — A sample implementation which uses the Scanner and Toolkit to read a file, parse it, and dump out the internal representation of the XMP tree.  
*XML Samples* — Examples of RDF using the predefined schema
- **Documentation**  
*XMP – Extensible Metadata Platform* — Specification for the Extensible Metadata Platform (XMP), which provides a standardized method for the creation, processing and interchange of metadata. Intended for all those requiring an understanding of the format and capabilities of the XMP Metadata Framework. Note that this Specification is an update to a previously distributed 1.0 version; it contains some minor changes to the XML Packet format.

*The XMP Toolkit* — A guide to the XMP Toolkit source code, interfaces, and implementation details, intended for developers incorporating XMP metadata into their products.

*Embedding XMP Metadata in Application Files* — A document describing where to write XMP in various file formats. This document is pre-release as of its initial posting and will be updated and enhanced in future revisions.

*XMP SDK Overview* — This document.

*XMPToolkitLicense.pdf* — Legal statement about the open source license for the XMP toolkit.

## 1.3 Compilers

The following compilers were used at Adobe to build and validate the Toolkit:

- Microsoft Windows — Visual C++ version 6, SP5
- Apple Macintosh — Metrowerks CodeWarrior Version 6.2

The SDK contains the project files used for build and validation.