

CONTENTdm—Quick technical facts



CONTENTdm® Digital Collection Management Software provides features to assist you in every aspect of digital collection development, management and delivery. Here are some technical facts to help you learn more about how to set up and use CONTENTdm.

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How does it work?

Quickly and easily. CONTENTdm stores, indexes and displays your metadata and digital objects on the CONTENTdm Server. Public access to your digital items—including images, newspapers, EAD Finding Aids documents, audio and video—is provided through standard Web browsers.

CONTENTdm can store any file format and display any file format that can be viewed in a Web browser either natively or via a plug-in. This includes all common formats such as JPEG, GIF or TIFF images; WAV or MP3 audio; AVI or MPEG video; as well as PDFs and URLs.

CONTENTdm also simplifies the process of entering descriptive and administrative metadata. Through the use of click-through dialogs (wizards), metadata templates and spreadsheet-type editors, you can easily create both simple and compound metadata records. Technical metadata can be automatically generated, and text constants applied.

- Metadata is stored as XML
- Dublin Core 1.1 is the default, while a VRA template and custom schema are also supported
- Up to 125 unique fields per collection available
- Additionally, cross-collection searching is enabled by mapping any field to a common Dublin Core® element.

What are the system components and requirements?

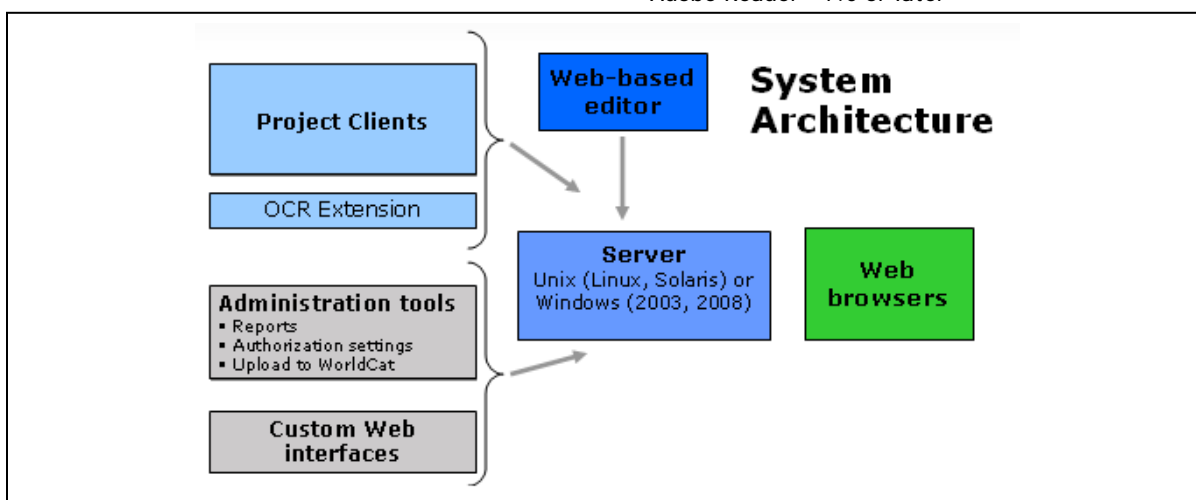
CONTENTdm Server. The CONTENTdm Server requires:

- Microsoft Windows Server® 2003, or 2008, Linux, or Sun™ Solaris™ 9 or later (SPARC only)
- Dedicated Web server (IIS with Windows®, Apache with UNIX)
- Intel® Pentium® 4 class compatible processor or higher
- Minimum 1GB RAM. Recommended 2GB+ RAM. Unlimited licenses may require more RAM.
- 300 MB of available hard-disk space for installation
- Adequate disk space to hold your collection

Note: CONTENTdm can, and usually does, coexist on systems with other Web sites and applications. The CONTENTdm Server should have its own Web server (IIS or Apache).

CONTENTdm Project Client. Fifty (50) installations of the Project Client are included with each license, requiring:

- Microsoft® Windows XP with Service Pack 2 or later or 32-bit editions of Windows Vista
- Intel® Pentium® 4 class compatible processor or higher
- Minimum 512MB RAM on Windows XP (1GB RAM recommended). Minimum 1GB RAM on Windows Vista (2GB RAM recommended).
- 500MB of available hard-disk space for installation
- Minimum display resolution of 1024 × 768
- 256Kbps or faster connection
- Adobe Reader® 7.0 or later



CONTENTdm®—Quick technical facts

Support for OCR (Optical Character Recognition) and the JPEG2000 image format. CONTENTdm's OCR Extension includes ABBYY® FineReader 8.1 and support for processing up to 10,000 pages per month. It also provides OCR support for 184 languages. Additionally, CONTENTdm enables you to convert full resolution images to the JPEG2000 display image format.

Restricting access. You can restrict access at the item and collection level with CONTENTdm. You also may display metadata while requiring authorization to view the digital object. At all levels of restriction, access is controlled by either IP address (and range) and/or by a CONTENTdm username/password protected login. Staff access is password controlled and configurable.

How large of a digital collection can CONTENTdm handle?

Really, really large! CONTENTdm can scale to handle millions of digital items. Here are some quick technical facts:

- A single server can contain 300 collections
- The maximum number of items in a single collection is 16 million
- Each collection may have 125 unique metadata fields (all of which may be designated as "searchable")
- A field may contain 128,000 characters

CONTENTdm uses a text-based search engine designed for rapid response in huge, dense datasets, thus eliminating the need for additional database purchase or support. The CONTENTdm search engine is the same search engine that powers WorldCat and is fast, flexible and accurate. Additionally, *cross-server* searching is accomplished through the use of the CONTENTdm Multi-Site Server.

What standards and foreign languages does CONTENTdm support?

Standards. CONTENTdm is interoperable, supporting standards such as XML, EAD, http, OAI-PMH, Z39.50, Unicode and METS/ALTO for import and export from MARC-based ILS and other database management systems.

Languages. CONTENTdm fully supports Unicode—an industry standard that allows computers to represent and manipulate text in most all of the world's non-Western languages, including Chinese, Japanese, Korean, Greek and Hebrew, among others. Additionally, the CONTENTdm Web templates can be fully localized and are currently available in English, French, Spanish and German. A French language demonstration site is available at <http://french.contentdmdemo.com/>

How can we help users discover our digital collections?

Provide more ways for end users to discover your collections through WorldCat harvesting. Add your CONTENTdm collections' metadata to WorldCat, the world's largest bibliographic database with more than 125 million records. Once in WorldCat, your digital items receive unparalleled visibility and access via the Web. For more details, visit www.oclc.org/worldcat/

In addition, as one of the early adopters of the OAI-PMH (Open Archives Initiative: Protocol for Metadata Harvesting), CONTENTdm enables administrators to designate any or all collections to be harvestable by other digital repositories worldwide.

Where can I learn more?

To learn about interoperability, database organization, search functions, file formats and more, please visit www.oclc.org/us/en/support/questions/contentdm/

To discuss your specific needs or for more information, please contact OCLC at **1-800-848-5878, ext. 4301** or contentdm@oclc.org.

Learn more about CONTENTdm at www.oclc.org/contentdm/.

Request a free evaluation of CONTENTdm at www.oclc.org/contentdm/evaluate/.