nuxeo
Open Source ECM

Install Nuxeo DAM on your computer

Please follow the instructions to install Nuxeo DAM

For Windows

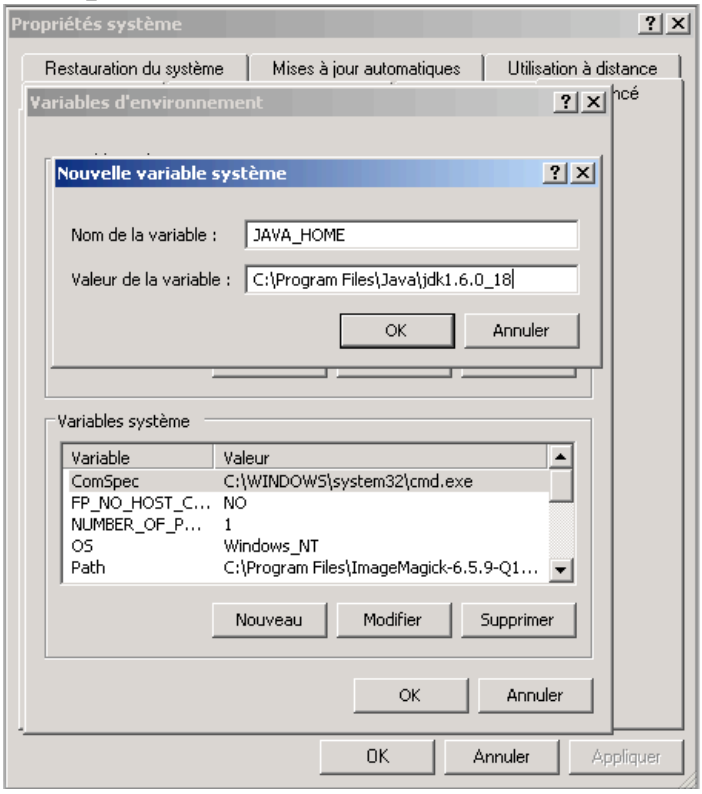
Requirements

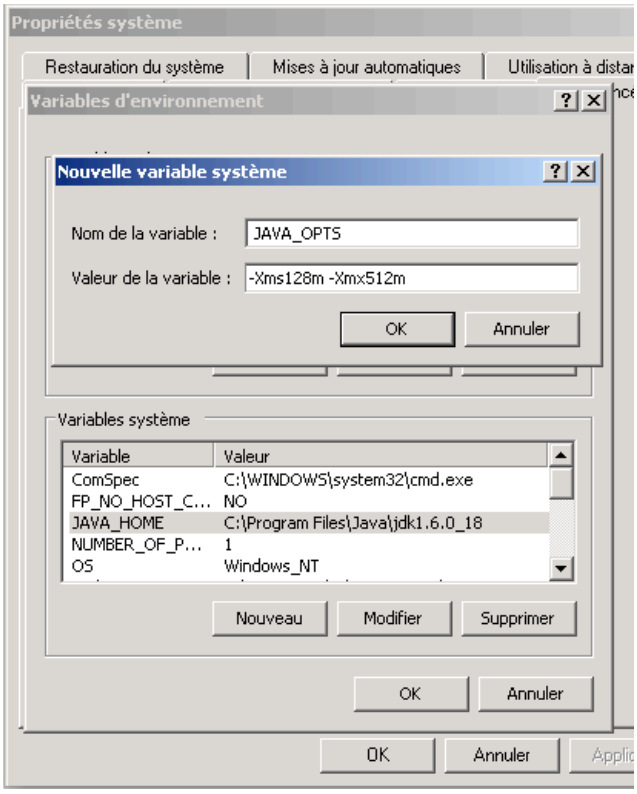
Download and install the following mandatory components:

- Sun Java Development Kit (other JVM are not supported). It is required to use either the 1.5.X or 1.6.X Java Development Kit (JDK). Available from http://java.sun.com/javase/downloads/widget/jdk6.jsp
- Image Magick from http://www.imagemagick.org/script/binary-releases.php#windows (download Win32 dynamic at 16 bits-per-pixel if you don't know which one to choose)

Right clic on the "My Computer" icon, to edit the system properties. On "advanced" tab, add the environment variables:

- JAVA_HOME set to the path of the JDK
- JAVA_OPTS set to -Xms128m -Xmx512m





Office files Preview (optional)

This is only required if you need to use annotable previews of office files.
Download and install the following optional components:

- PDFtoHTML from http://sourceforge.net/projects/pdftohtml/files/ (necessary for office documents preview)
- OpenOffice.org 3.x or greater. Available from http://www.openoffice.org/ (necessary for office documents preview)

Start the OpenOffice.org server (on a single line):

```
soffice.exe -headless
        -nofirststartwizard
        -accept="socket,host=localhost,port=8100;urp;StarOffice.Service"
```

Restart server after launching OpenOffice server

RAW format

Download and install the following optional components:

- Gimp (needed for UFRaw) 2.6.7 or greater from http://gimp-win.sourceforge.net/stable.html (necessary dependancy for RAW format)
- UFRaw from http://sourceforge.net/project/platformdownload.php?group_id=127649&sel_platform=3514 (necessary dependancy for RAW format)

Start Nuxeo DAM

- Decompress nuxeo-dam-latest-stable-tomcat.zip in a directory (let's call it $NUXEO_HOME)
- Run

```
$NUXEO_HOME/bin/startup.bat
```

or go to directory $NUXEO_HOME, then to directory bin, and double click on startup.bat.

For Linux

Requirements

Download and install the mandatory components : (Use the package manager of your distribution to download and install)

- Sun Java Development Kit (other JVM are not supported). It is required to use either 1.5.X or 1.6.X. Java Development Kit (JDK).
- ImageMagick 6.3.7 or later

Under Debian or Ubuntu, all of this installed by the following command:

```
sudo apt-get install sun-java6-jdk imagemagick ufraw poppler-utils openoffice.org
```

(Note that the sun-java6-jdk package is for Debian in the non-free apt repository, and for Ubuntu in the multiverse apt repository).

Office files Preview (optional)

This is only required if you need to use annotable previews of office files.
Download and install the following optional components :

- poppler-utils package (this installs the PDFtoHTML command tool, necessary for office documents preview)
- OpenOffice.org 3.x or greater (including the headless version) Available from http://www.openoffice.org/ (necessary for office documents preview)

Start the OpenOffice.org server (on a single line):

```
/path/to/openoffice/program/soffice.bin
        -headless -nofirststartwizard
        -accept="socket,host=localhost,port=8100;urp;StarOffice.Service"
```

Restart server after launching OpenOffice server

RAW format

Download and install the following optional components:

- UFRaw needed to manage RAW images
- Gimp (needed for UFRaw) 2.6.7 or greater from http://gimp-win.sourceforge.net/stable.html (necessary dependancy for RAW format)
- UFRaw from http://sourceforge.net/project/platformdownload.php?group_id=127649&sel_platform=3514 (necessary dependancy for RAW format)

Start Nuxeo DAM

- Decompress nuxeo-dam-latest-stable-tomcat.zip in a directory (let's call it $NUXEO_HOME)
- Run

```
$NUXEO_HOME/bin/startup.sh
```

For Mac OS X

We assume your Mac OS version is 10.5 or greater (Leopard or Snow Leopard). Previous version are not supported.
Ensure the Java version is the default one (1.5.x or greater).
MacPorts is an easy to use installer for Mac OS, download it from http://www.macports.org/ and install it. To make it work, you will have to install the Xcode Tools, which are provided as an Optional Install on your Mac OS X main installation disc.
Next, use MacPorts to install the following components:

- ImageMagick 6.3.7 or later

```
sudo port install ImageMagick pdftohtml
```

Office files Preview (optional)

This is only required if you need to use annotable previews of office files.
Download and install the following optional components:

- OpenOffice.org version 3.x or greater from http://www.openoffice.org/ and install it in the default location (optional, only necessary for office documents preview)
- PDFtoHTML command-line tool (optional, only necessary for office documents preview)

Start the OpenOffice.org server (on a single line):

```
/path/to/openoffice.app/Contents/MacOS/soffice.bin
        -headless -nofirststartwizard
        -accept="socket,host=localhost,port=8100;urp;StarOffice.Service"
```

Restart server after launching OpenOffice server

RAW format (optionnal)

Nuxeo DAM requires UFRaw component if you need to manage RAW files. UFRaw port exists but doesn't work, so we recommend you to install binaries from http://ufraw.sourceforge.net/
Download and install the following optional components:

- Gimp (needed for UFRaw) 2.6.7 or greater from http://gimp-win.sourceforge.net/stable.html (necessary dependancy for RAW format)
- UFRaw from http://sourceforge.net/project/platformdownload.php?group_id=127649&sel_platform=3514 (necessary dependancy for RAW format)

Start Nuxeo DAM

- Decompress nuxeo-dam-latest-stable-tomcat.zip in a directory (let's call it $NUXEO_HOME)
- Run

```
$NUXEO_HOME/bin/startup.sh
```

Use Nuxeo DAM

- Prepare a zip file containing your assets (jpeg, gif, raw, avi, mov, doc, xls,...). Zip size must be under 100Mo.
- Connect on Nuxeo DAM from your server:* http://localhost:8080/nuxeo*
- Login with "Administrator", password "Administrator"
- In the banner, Click on the "Import" link
- Select your zip file (you can use this one for your first test: free to use photos under (cc) BY by David Blaikie or the following archive of Wikipedia articles converted to PDF files).
- Enter a title for import set
- Wait for the upload to complete and click on "Create"
- Enjoy

Nuxeo DAM supported browsers

- IE 7 and greater
- Firefox 3.5 and greater
- Chrome 3 and greater
- Safari 4 and greater

Currently supported assert file formats

Nuxeo DAM is continually improved, this format list will be soon updated.

Format	Mimetype recognition	Thumbnail & preview	Metadata Extraction	Transcode, delivery, watermarking
Pictures				
JPG	X	X	X	X
PNG	X	X	X	X
GIF	X	X	X	X
RAW	X	X	X	X
JPG2000	X	X	X	
TIF	X	X	X	X
JPEG XR				
BMP	X	X		X
PSD	X	X		X
AI				
Video				
ogg	X	X* (only preview)		
avi	X	X* (only preview)		
mp4	X	X* (only preview)		
flv/fla	X	X* (only preview)		
QT/mov				
mpeg/mpg/mpe				
Audio				
ogg	X	X* (only preview)		
mp3	X	X* (only preview)		
wav	X	X* (only preview)		
m4a/aac	X	X* (only preview)		
ac3				
aif/aiff/ aifc				
au/snd				
Office				
pdf	X	X* (only preview)		X
Microsoft Office (c) (ppt, xls, doc)	X	X* (only preview)		X
Open Office	X	X* (only preview)		X

*Client browser must have the associated plugin installed

Known issues

- Watermarking on tiff and gif files can result of an unreadable tiff file

- Watermarking on RAW files does not work
- Tiling on RAW files could be slow the first time
- You can ignore the "SEVERE: Exception starting filter WSSROOTFilter" message in logs/localhost.log
- On **Windows**, concurrency issues on H2 database with Lucene ("Lock obtain timed out"). We recommend to configure Nuxeo DAM to use PostgreSQL (Refer to Nuxeo Book Documentation)
- When you annotate some errors in logs appear ("UserTransaction not found in JNDI"). This does not disturb Nuxeo DAM operations.

Develop on Nuxeo DAM

Nuxeo EP and Nuxeo DAM sources can be retrieved and worked with using Mercurial.
Nuxeo core developers should have a look at Nuxeo's Mercurial usage.
Have a look at part "Using the Mercurial Forest Extension" which considerably ease the use of Nuxeo sources.
Contributors to Nuxeo sources should also look at documentation about working both on 5.1 and 5.2
See workaround for client issue if you try to clone HTTPS URL through a Proxy.

Download Nuxeo DAM source

Use the following:

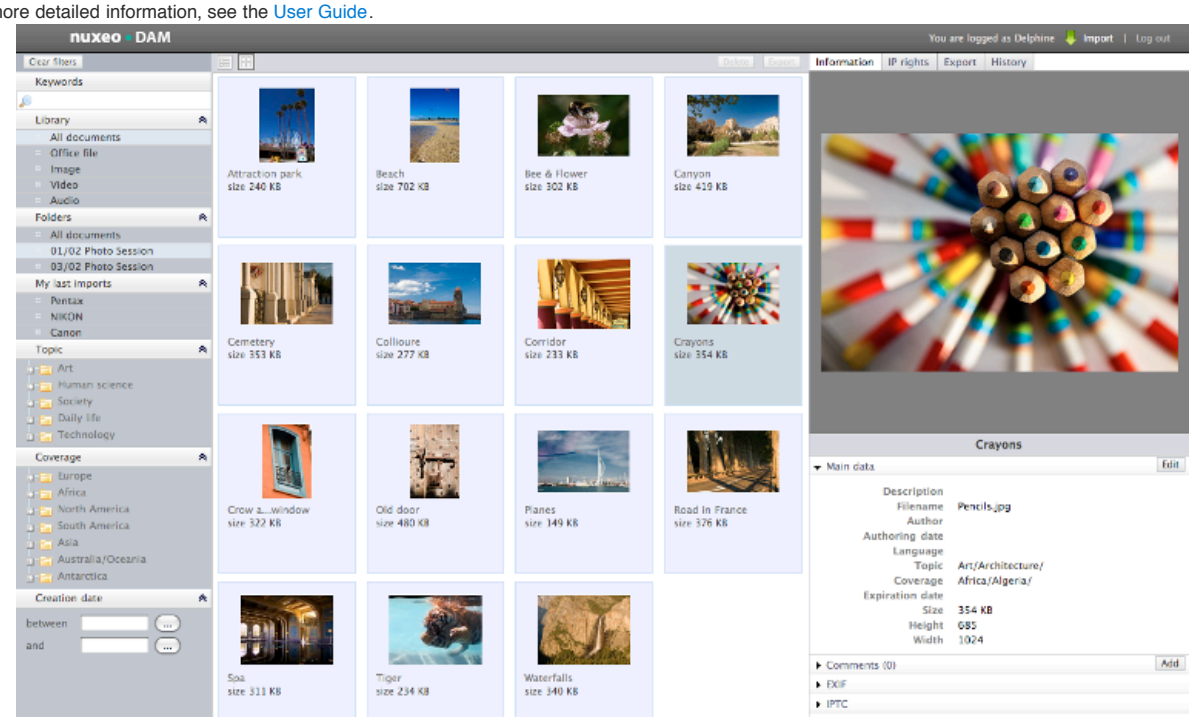
```
hg clone -r 1.0 http://hg.nuxeo.org/nuxeo-dam
```

For updating your sources, simply call:

```
hg pull -u
```

Resources

- To help us prioritize new features, please see JIRA. You can vote on your favorite features.
- To ask questions and give feedback, please see the DAM Forum.
- For more detailed information, see the User Guide.



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