

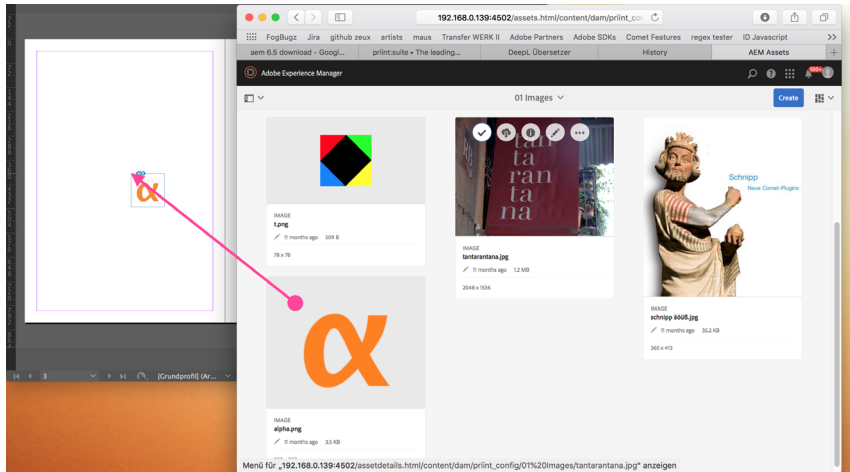
priint:comet InDesign® Plugins AEM® Support

The priint:comet plug-ins support working with AEM in three areas:

- [Placing AEM® in InDesign® documents](#)
- [AEM® as data provider of priint:suite](#)
- [AEM® as server of priint:suite](#)

Placing AEM® assets

Using the priint:comet plug-ins, images and other binary data of AEM® assets supported by InDesign® can be placed in InDesign® documents.



Placing assets of AEM® a special application of the priint:comet plug-ins and depends very much on the implementations of the used [Comet configuration folder](#) and requires the [installation of priint:comet plug-ins](#).

User manual

The user manual refers to the configuration of the xmldata-AEM data folder provided here and requires a complete [installation of priint:comet plug-ins](#) and [Comet configuration folder](#).

Overview

Placing AEM® assets is done in three simple steps::

1. [Set configuration folder](#) : With the help of the menu *Plug-Ins -> Data folder ...* the configuration of the priint:comet plug-ins is defined. This step has to be done only once.
2. [Placing the asset](#) : The asset is dragged and dropped from the AEM® web interface to the InDesign® page. If the [asset is an image](#), the image file is inserted into the document. If the asset is an [InDesign® file](#), the frames of the first document page are created in the target document.
3. [Credentials](#) : The first time you place an asset from the AEM®, you will be asked for an access authorization for the AEM® used.

Set configuration

Before you can start working, you need to connect your InDesign® with the [Comet configuration folder](#) once. To do this, select the menu

Plug-Ins -> Data folder ...

In the appearing folder dialog, navigate to the folder *xmldata-AEM*, select this folder and confirm your selection clicking the *Choose* button. The configuration used is shown in the [URL Link](#) panel.

This step only needs to be taken once. On restart, InDesign® automatically connects to the last selected configuration folder.

Placing image assets

Open the desired InDesign® document or create a new InDesign® document.

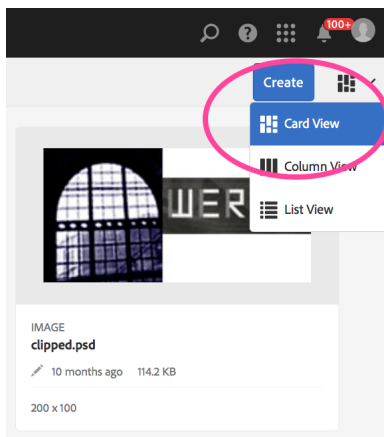
If you create a new document, this document must be saved at least once!

Navigate to the AEM® assets in your web browser now. To do this, use either the links and buttons on your AEM® or the following link

http://your_aem:port/assets.html/content/dam

Please replace *your_aem* by the name or IP of your AEM®. The port usually used is the **4502**

Always use the so-called **Card View** as the representation in the AEM®:



The image assets can be placed now by *drag and drop* onto your document pages in InDesign®.

AEM® does not support multiple asset selection. Only one asset can be placed at a time. **Asset folders cannot be placed.** With the integrated script language cScript you can implement multiple placements, [see here for more informations](#).

Please also note that only image formats that are supported by InDesign® can be placed!

If you drop the asset on a **free space on the page**, a new frame of size 100 x 100 pt is created, the image is scaled into the frame and the frame is then adjusted to the image size.

Frame size and style can be changed using the [Settings](#) panel. [For further adjustments see here](#).

If you drop the asset **onto an image frame**, the image of the frame is replaced by the asset. The current geometry settings of the old image are applied.

Note: Unfortunately it is not possible to identify inlines or graphic cells as target frames. Target frames for drop events can therefore only be „normal“ document frames.

Image folder

InDesign expects image files to be located in the local network. Therefore, we load down the image data of the assets into the folder

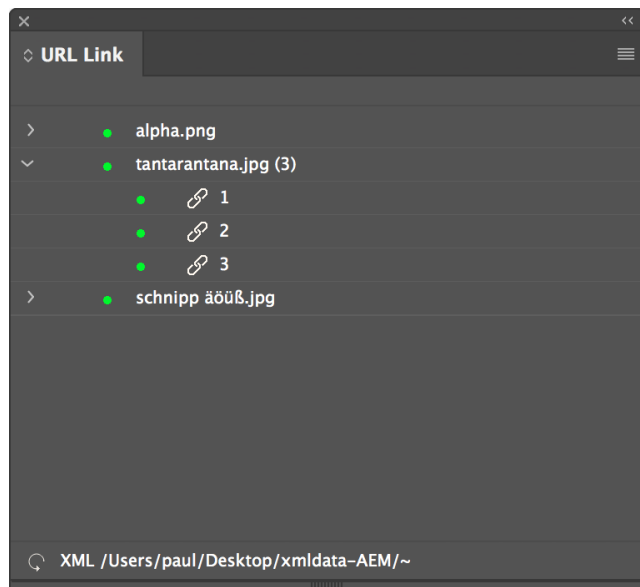
DocumentName_[Links](#) next to the document

If this folder does not exist, it is created automatically. Simultaneously with the image data a current status information of the server about the image, the so-called eTag, is downloaded.

[Here you find informations](#) on how images can also be stored in global folders.

URL Links

With the help of the `priint:comet` panel [URL link](#) the placed images can be managed. The panel can be found in the menu *Window -> Comet*. It shows all images of the current document downloaded from URLs:



Clicking the chain symbol you can jump to the respective frame in the document.

The fly-out of the panel contains some menu items with which all placed and URL linked frames of the document can be checked and updated. Analogue menus for editing individual frames can be found in the context menu (right-click) of the frames under the menu [URL Link](#).

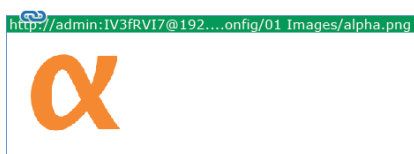
The current image status is displayed before the image name:

- Okay
- Changed on server side
- Not available any more

To check the images, the *eTag* mentioned above is fetched from the server again and compared with the *eTag* at the time of the last download. Using the menu

View -> URL Link -> Show frame markers

the current image status (in the same colors as above) can also be displayed directly on the document frame. The password is encrypted in this display. The frame information is not shown in PDF and print.

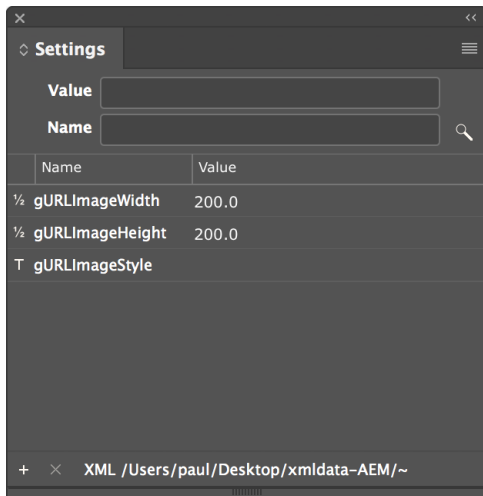


For complete documentation on the [URL Link](#) panel, contact WERK II Support: support@priint.net.

Settings

Image size and style of the graphic frame for new images are defined in the configuration. You can change the settings using the panel

Window -> Comet -> Settings



To do this, hold down the Alt key and click on the symbol of the first column in the list. In the appearing dialog, you can enter a new value and confirm with OK:

- `gURLImageWidth` : Maximum width of the frame in points
- `gURLImageHeight` : Maximum height of the frame in points
- `gURLImageStyle` : Object style of the new frame. If the specification is empty, no style is applied.

Please note that the actual frame size may be smaller than the specifications made in the palette depending on the image size and proportions.

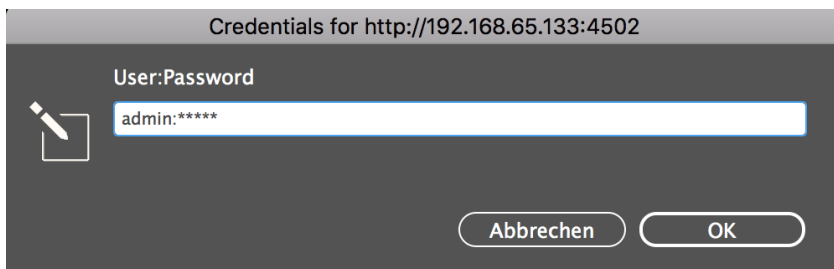
Placing InDesign® documents

If the asset you want to place in the document is an InDesign® file, the frames of the first page of that document are placed into your document. Frame sizes and distances between the frames are retained. Missing styles are transferred to the target document.

Later checking and update of the frames is not supported here in contrast to the images!

Credentials

Access to AEM® requires authentication. You will therefore be asked for access authorization **for the first asset you want to place**:



In the appearing dialog, enter your user name and password, separated by a single colon (:).

The user name and password (previously encrypted) are stored together with the server address and are reused for other assets on the same server. This means that you only have to make this step only once per server address.

Here you can find more information about [storing login data](#).

Installation

The installation requires two simple steps:

1. Installing the [priint:comet plug-ins](#)
2. Installing [Comet configuration folder](#)

priint:comet plug-ins

Of the supplied priint:comet plug-ins, at least the following plug-ins are required:

- *Comet*
- *CoreSelection*
- *CoreService [XML]*
- *DataFiles*
- *URLLink*

The plug-ins *CoreService* and *Comet* are available in different variants. *CoreService [XML]* and *Comet* (without additional name) are the minimum requirements. These both plug-ins can be replaced by variants with a larger scope of performance.

The plug-ins must be copied into the folder *Plug-Ins* (or one of it's subfolders) of InDesign®. After restarting InDesign®, they are available.

Please make sure to install only plug-ins of the appropriate InDesign® version. Plug-ins of other InDesign® versions cannot be loaded by InDesign®!

Licensing of the priint:comet plug-ins

A license is required to use the priint:comet plug-ins. **Without a valid license the plug-ins can be used for 30 days without restriction.** Using the menu

About Plug-Ins -> Order service ...

of the InDesign® menu *InDesign CC* (Mac) resp. *Help* (Windows) you can create a license order file:

Order form

priint comet > dynamic publishing

Send back to: paul@priint.com

InDesign: CC 2018 ☐ Server

License code: 14CEDFDAD9AEF9A3F7C5599E6DAA9972 ☐ TerminalServer

Comet: 4.1.6

Test period until:

☒ Comet

☐ Comet++

☐ Table Module

☐ Partner license

☐ priint:adjust

☐ priint:xcell

Cancel Order

Werk II GmbH, Auf der Höhe 49, D-47059 Duisburg, +49 203 2985080, license@priint.com

Please enter your e-mail address and select the module *Comet*. After clicking the *Order* button you will be asked where the order file should be stored. Please send this file to license@priint.com.

You will shortly receive a message with a valid license file from us. Please place the license file *w2....lic* in the same folder as the *priint:comet plug-ins*. After restarting InDesign®, the plug-ins are activated.

Configuration folder

The configuration folder contains important data and scripts for implementing image placement from AEM®. Without this information, no AEM® assets can be placed. **Improper changes to the configuration folder can lead to errors during execution!**

Place the supplied **xmldata-AEM** folder anywhere in your file system. You have to connect to this folder **once** after starting InDesign®, [see here](#).

For performance reasons, you should choose a location directly on your computer!

Customize configuration

Placing AEM® assets in InDesign® is a special use case of the print:comet plug-ins and can be configured according to your wishes and requirements.

We would be pleased to show you further applications up to the complete automatic page layout by the print:comet plug-ins. Please contact our support to learn more about it.

The actual implementation is done in the built-in script language **cScript**. A complete documentation of cScript can be found here:

https://publishing.priint.com/documentation/content/application/comet-plug-ins/Doku_enEN/cscript/index.html

The site requires a login. Please contact our support for this: support@priint.com.

You may open the online help also directly from InDesign®. Please choose one of the menus located under **Help -> More Help** to do this.

Login data

In the current implementation your login data are store in the file

/Users/your_name/Library/Preferences/werkii/aem_credentials.xml (Mac)

\\YOUR_PC\Users\your_name\AppData\Local\werkii\ aem_credentials.xml (Windows)

Passwords are encrypted in this file. Here is a typical entry of the file:

```
<credential>
  <server>http://192.168.101.183:4502</server>
  <user>admin</user>
  <pwd>hndVaL9l</pwd>
</credential>
```

The procedure is completely implemented in the configuration. For changes or extensions, edit the script

xmldata-AEM/actions/10000.cript

After making changes to this file, you will need to reconnect your InDesign® to the configuration folder, [see here](#)!

crpt files are pure text files and can be opened with any text editor/IDE. The included scripts are normally encrypted. With the specification

#pragma plain

at the beginning of the file you tell the print:comet plug-ins that you do not use encryption.

Graphic frames

The behavior after dropping an AEM® asset is completely implemented in the configuration. For changes or extensions, edit the script

xmldata-AEM/actions/10000.cript

After making changes to this file, you will need to reconnect your InDesign® to the configuration folder, [see here](#)!

Image folder

InDesign® expects non-embedded images to be found in the local file system. Image assets from AEM® are therefore downloaded to the folder *documentName_Links* next to the InDesign® before placing it into the document. To change the location of this folder and perhaps use a global folders, edit the `statement` element of **Panelstatement 141** of the configuration file

xml\data-AEM/panelstatements.xml

After making changes to this file, you will need to reconnect your InDesign® to the configuration folder, [see here!](#)

AEM® as data provider

Description follows

AEM® as server

Description follows