

040b73747265616d747970656481a203840163c48403737373810a0a810b
0b815f5f84012584067f411b312d37OneVision-Image: Import and Export
Images in OneVision-Image

486518_paste.tiff → **Import and Export Images in OneVision-Image**

This tool is used for loading, saving, and scanning images. The images can originate in different programs and on different systems.

Only images saved in TIFF format can be loaded or saved with this tool. (Exceptions are discussed in the section <Graphic Format Filters> (;TMSImExportTool.rtf;filter;→) of this chapter.) For loading, saving, and processing vector graphics and EPS files, use OneVision-Art.

Load Image

There are two ways to load images:

1. Load an image into a new element. To do this, change to ^aNew Element^o mode and draw a new element frame. A file selection panel will appear from which you can select an image file.
2. If an element frame already exists, activate it and click the <Load Image> or <Load Mask> command. You can then select the file to be loaded from a file selection panel. Any existing contents of the element frame will be replaced by the new image.

mask;→Load Mask

You can load an image as a mask for a selected element. This is only possible if the height and width of the two elements are the same. If you want to load an image as a mask for an element of a different size, load the mask into a new element first and then use

the <Collage> tool (`../TMSCollage/TMSCollage.rtf;;↵`) for adjusting their sizes. You can also use mask functions for connecting the mask and the image (see <Masks and Masking> (`../BitmapControler/Masken.rtf;;↵`)).

Load Options

The file selection panel for loading TIFF images offers three options regarding the scaling of the image:

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Figure: Additional options of the file selection panel.

The default setting for these options is made in the *Preferences* panel of OneVision (see <OneVision-Image Preferences> (`../TMSImg/Preferences.rtf;;↵`)) and may be changed here for each image individually.

Loading Time

Because there are many different versions of the TIFF format, loading times of images may vary. When loading an image into a OneVision document for the first time, it will be converted into a format optimized for OneVision-Image, and this increases the time needed for loading. When saving a TIFF image, a format will automatically be used that works best for OneVision-Image.

The best way to store images that have to be loaded quickly is to save them as OneVision elements (`../OneVision/MainMenu/Element/Save.rtf;;↵`).

Load using ^a*Drag-and-Drop*^o

You can load images into OneVision documents using *Drag-and-Drop*. Select the file you want from a file browser and drag it into

your document. OneVision automatically creates a new element according to the type and size of the image.

Load using ^aCopy and Paste^o

You also can use the copy and paste commands for loading images. Copy the image or a portion of it from any NEXTSTEP application. Activate the OneVision document and use the *<Paste>* command from the *Edit* menu. OneVision automatically creates a new element of the required type.

Save Image

After clicking the *<Save Image>* command, the usual panel for saving files will appear, but it will be extended with the features shown here:

173318_paste.tiff *Figure: The extensions of the save panel for saving images.*

Compression

This pop-up list allows you to select whether you want the image file to be compressed, reducing its file size. One method for compressing files is JPEG. This is a lossy compression method, allowing you to specify a compression factor. The higher the value of this factor, the more the file will be compressed, but also the more image detail will be lost. For large images, a factor of 15 yields good results. For small images, however, the loss of quality may be unacceptable.

Save as 2-Bit Image

Checking this button saves the image in a special Next format. This option is only available for grayscale and B/W images.

Include Transparency

If this option is activated, the transparency or alpha channel of the image will be included when saving.

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Include Mask

You can compress and save the image mask together with the image in one file by activating this option.

Save Mask

The *<Save Mask>* command enables you to save to a file only the mask of the selected element. You have the same options as those used for saving images, with the exception of the unnecessary *<Include Mask>* option .

Format;;¬Format

This pop-up list lets you determine in which format the selected image or its mask is saved.

Note: Currently OneVision-Image only supports TIFF formats.

scannen;;¬Import

The *<Import>* portion of this panel offers a pop-up list offering various sources for loading images. The standard setting is *<File>*, used for loading images from a hard disk or other storage medium.

Additional sources are only available if corresponding modules are installed, such as a scanner driver. After selecting such a drivers, the panel will be extended according to the needs of the particular device, for example an Agfa Arcus scanner
(;../TMSAgfaArcus/TMSAgfaArcus.rtf;;¬).

filter;;¬Graphic Format Filters

OneVision-Image supports TIFF, the standard NEXTSTEP graphics format. NEXTSTEP allows you to install graphic format filters that convert various graphic formats to TIFF format. This technique enables OneVision to display RIB and PhotoCD images. The corresponding filters are located in one of the following folders:

/LocalLibrary/Services

/NextLibrary/Services

~/Library/Services (^a~^o is the user's home directory)

Installation of ^aDrag-and-Drop^o support for PhotoCD images:

Copy the PhotoAlbum application from the *NextDeveloper/Demos* folder into the *NextLibrary/Services* folder or the *Library/Services* folder of your home directory.

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