

INSTRUCTIONS

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Digital Art



Instructions for Preparing Digital Artwork
for Submission to CPC using
Deneba Canvas 7.0 for Macintosh

PLEASE NOTE

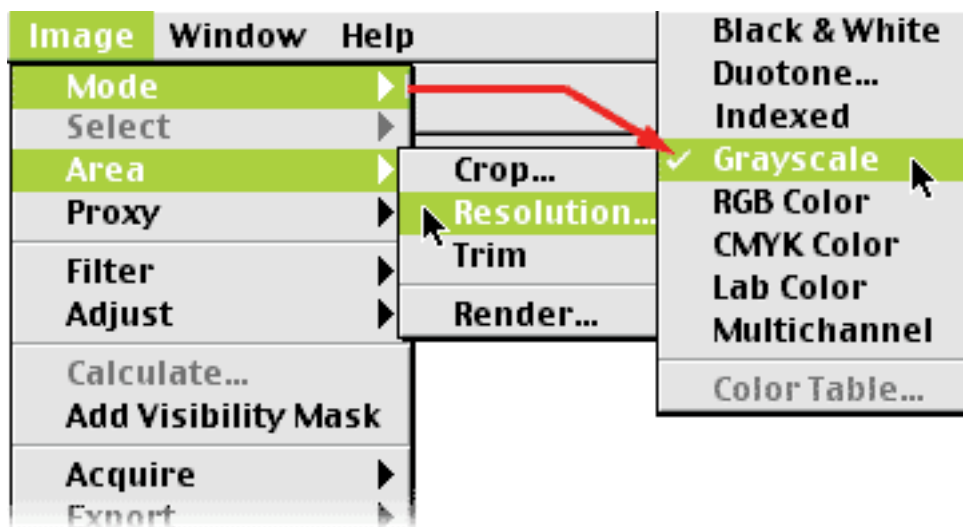
When creating graphics in illustration programs such as *Deneba Canvas* with the intention of outputting to an imagesetter or platesetter, it is extremely important that the person creating the illustration have a thorough understanding of the details of imaging in a prepress environment. There are an abundance of complex problems that can occur at output if paths are set up improperly, colors are indicated incorrectly, or other elements are constructed improperly. Trapping issues can also present problems if not addressed. The more complicated your illustration becomes, the greater the probability of problems at output, and therefore the need for more expertise and experience in creating the files.

Preparing Graphic for Export

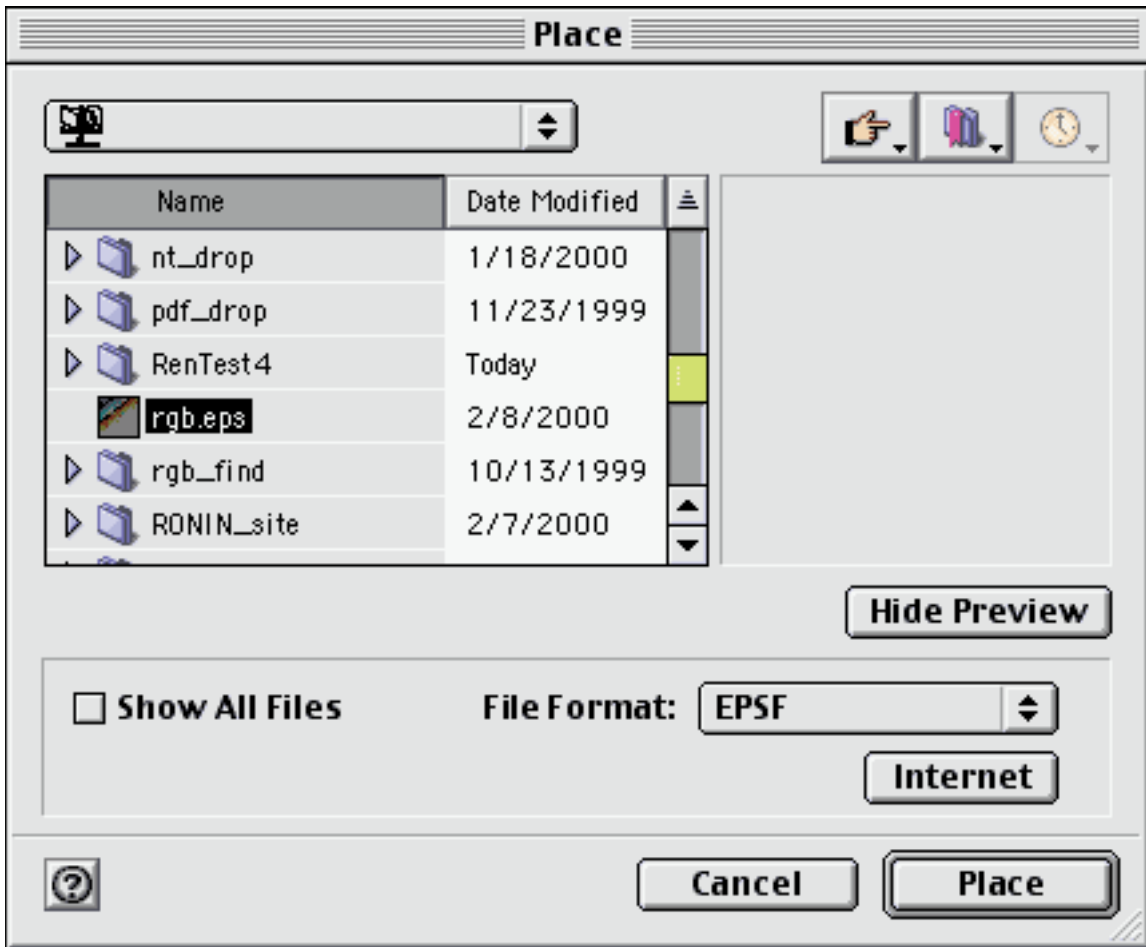
1. Place any graphics you need to import. Before placing images in Canvas, the images should be checked for the following:

- All placed art should be in **TIFF** or **EPS** format
- The **resolution** should be at least **250 dpi**
- The **color mode** of the TIFF/EPS should be either **Monochrome** (bitmap mode), **Grayscale** or **CMYK**. The CMYK mode is used for color figures and Grayscale/Monochrome for black & white.
- **Crop and size images properly** before importing so that masking, scaling or rotating is not necessary while in Canvas.

Canvas Tools: The attributes of an image can be adjusted within Canvas using the **Image** menu. Choose **Image > Mode** to view and if necessary correct the color space of an image (show below). Choose **Image > Area > Resolution** to alter an images resolution (show below).



Go to the Place... menu (**File->Place...**) and navigate to the TIFF or EPS file that you wish to place.



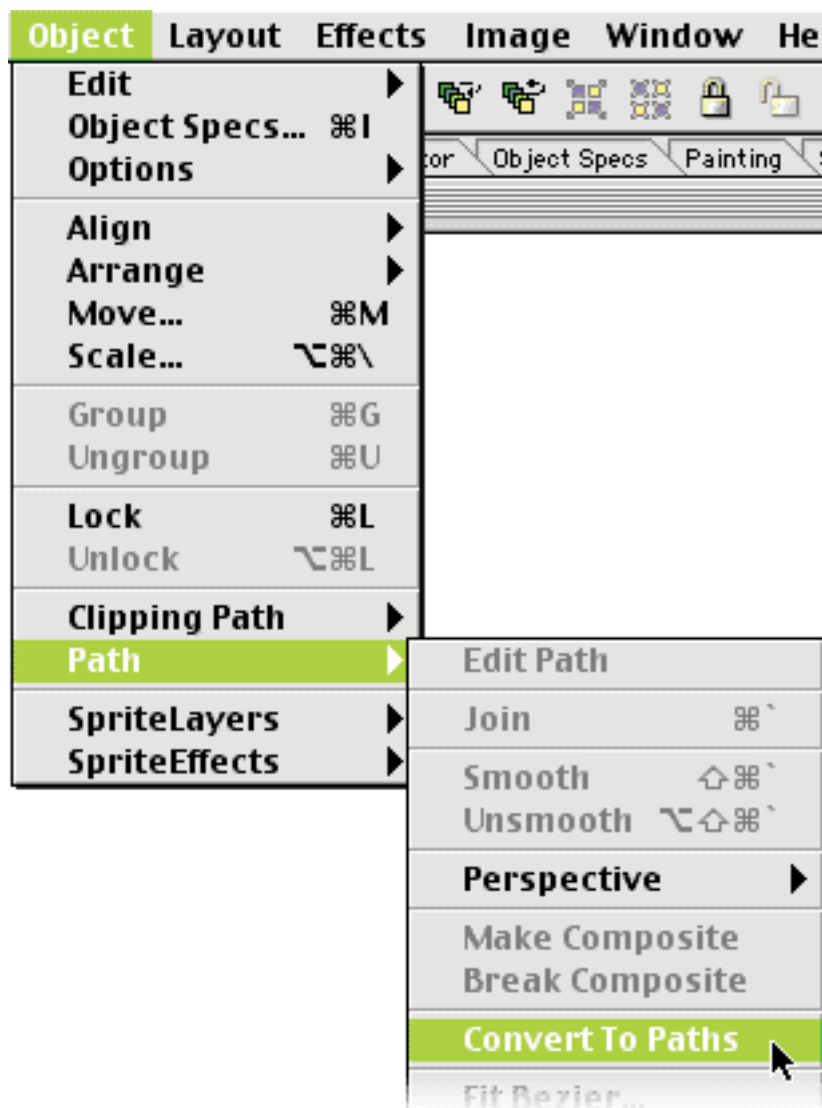
If you select an EPSF graphic to place, you will be prompted with another dialog box for **EPSF Import Options**. Select **Create Canvas Object** as shown:



2. Do all editing and assembly.

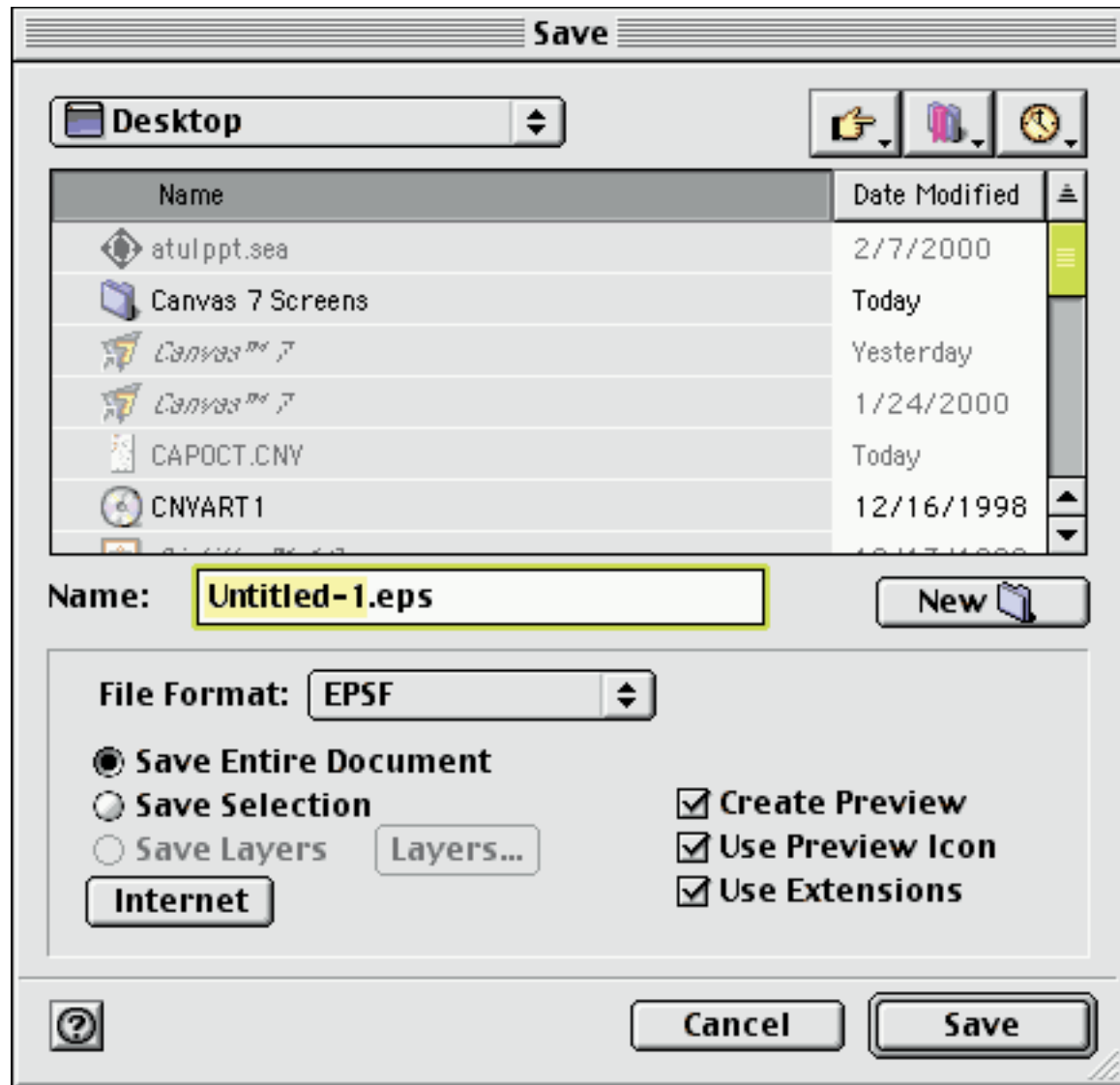
- Assemble any panels so that **each figure** consists of **only one file**.
- Create the figure at **100% of print size** so that no scaling is necessary.
- Use Document Setup (**Layout -> Document Setup**) to resize the page so that any white space bordering the figure is removed (shown below).
- Make sure that any and **all imported four-color graphics** are in **CMYK format**. RGB files, which will not output correctly, may not be detected until output.
- **Only import graphics** that are saved in either **TIFF** or **EPS** formats.

3. **Convert all text to paths.** With the text selected, select Convert To Paths (**Object->Path->Convert To Paths**). This eliminates the requirement of sending CPC fonts. There isn't a loss in quality when converting text to paths.



Exporting CMYK

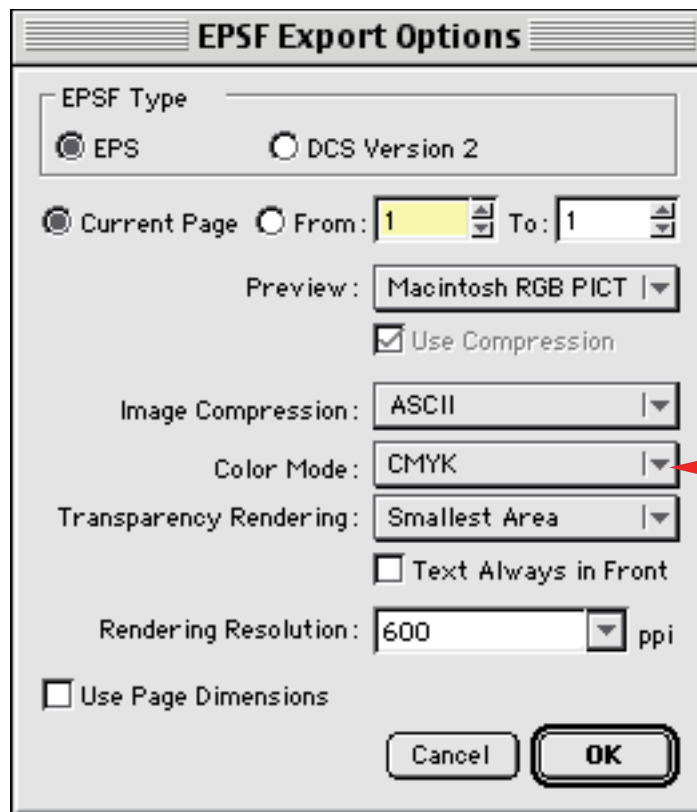
1. **Save the graphic.** Bring up the **Save As** dialog box (**File->Save As...**) and select the File Format **EPSF** and set all other settings as shown:



After you press **Save**, a dialog box will be presented that warns about saving files in formats other than **Canvas**, press **Save** again.

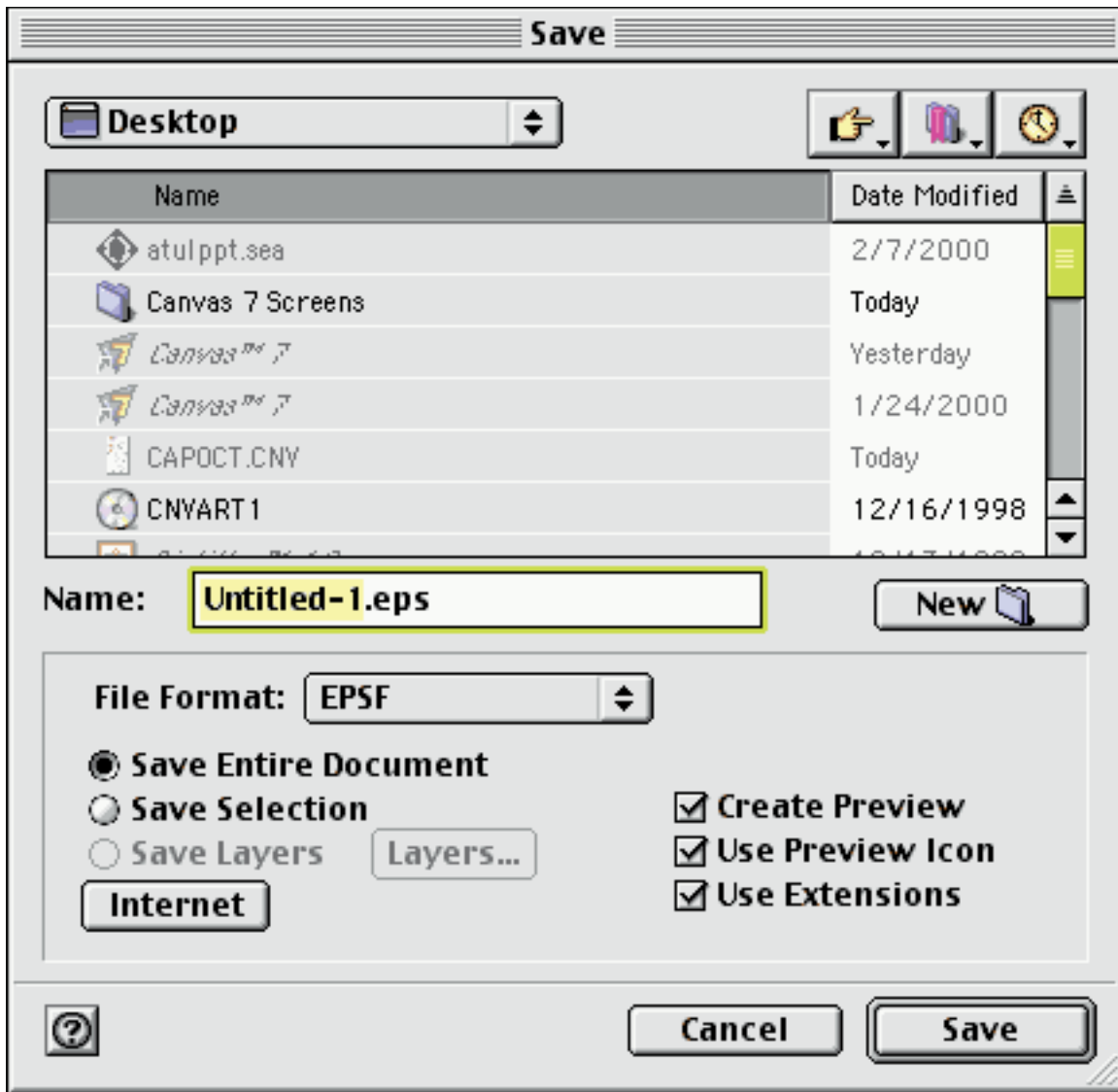
2. Setup the EPSF Export Options.

- For **EPSF Type**: select **EPS**
- For **Preview**: select **Macintosh PICT**
- For **Image Compression**: select **ASCII**
- For **Color Mode**: select **CMYK**
- For **Transparency Rendering**: select **Smallest Area**
- For **Rendering Resolution**: select **600**
- Keep the rest as is.



Exporting Grayscale

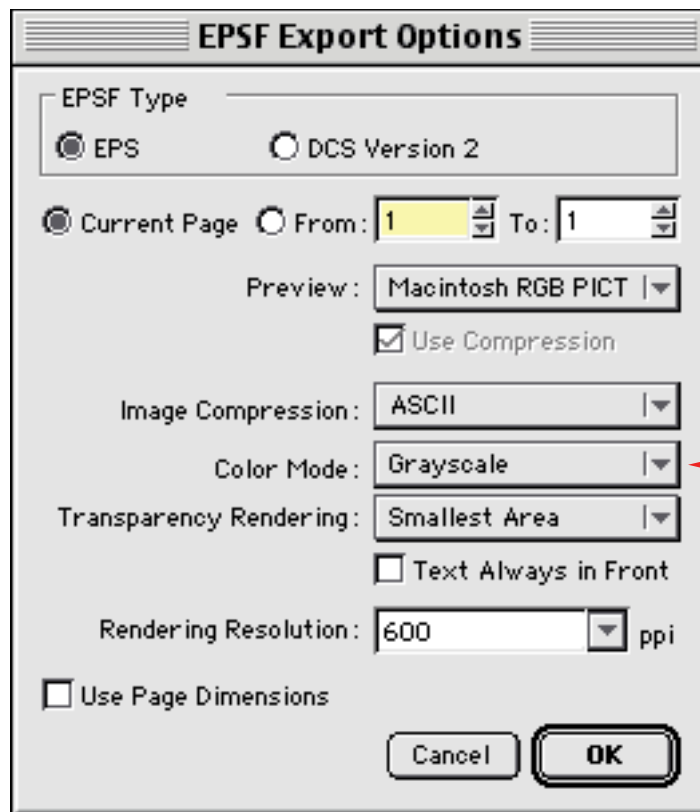
1. **Save the graphic.** Bring up the Save As dialog box (**File->Save As...**) and select the File Format: **EPSF** and set all other settings as shown:



After you press **Save**, a dialog box will be presented that warns about saving files in formats other than **Canvas**, press **Save** again.

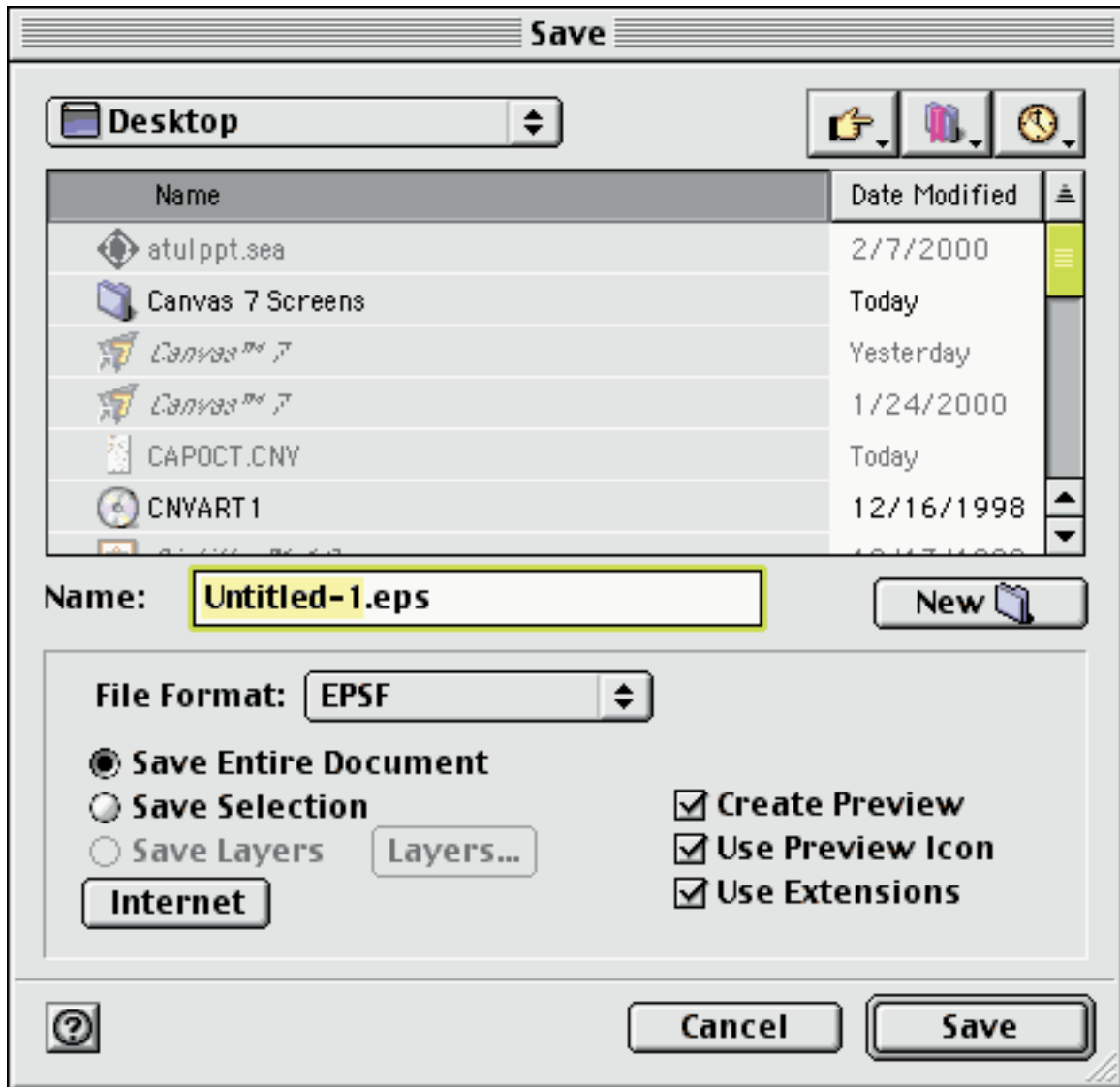
2. Setup the EPSF Export Options.

- For EPSF Type: select EPS
- For Preview: select Macintosh PICT
- For Image Compression: select ASCII
- For Color Mode: select Grayscale
- For Transparency Rendering: select Smallest Area
- For Rendering Resolution: select 600
- Keep the rest as is.



Exporting Line Art

1. **Save the graphic.** Bring up the **Save As** dialog box (**File->Save As...**) and select the File Format **EPSF** and set all other settings as shown:

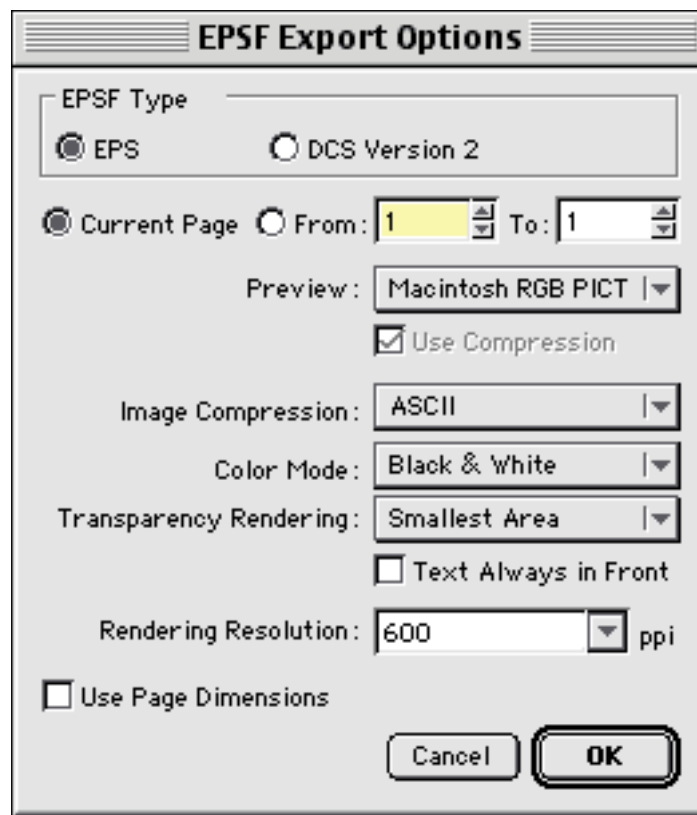


After you press **Save**, a dialog box will be presented that warns about saving files in formats other than **Canvas**, press **Save** again.

2. Setup the EPSF Export Options.

Exporting Black & White continued

- For **EPSF Type**: select **EPS**
- For **Preview**: select **Macintosh PICT**
- For **Image Compression**: select **ASCII**
- For **Color Mode**: select **Black & White**
- For **Transparency Rendering**: select **Smallest Area**
- For **Rendering Resolution**: select **600**
- Keep the rest as is.



Please refer any additional questions to this e-mail address: digitalart@cadmus.com
or visit our website to find instructions on another application.

Web address: <http://cjs.cadmus.com/da/>