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# Digital Art



Instructions for Preparing Digital Artwork  
for Submission to CJS using  
CorelDRAW 6 for Power Macintosh

## PLEASE NOTE

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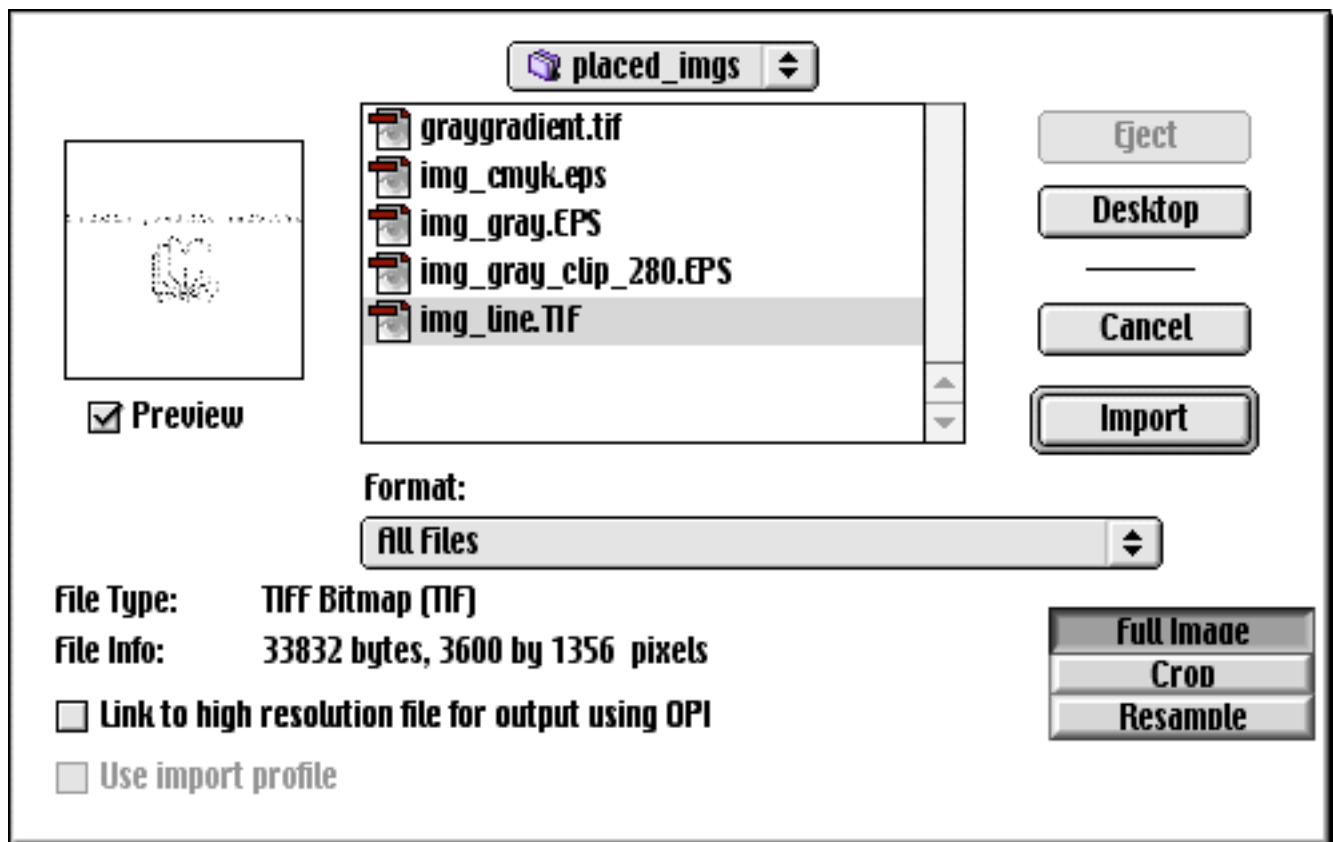
When creating graphics in illustration programs such as *CorelDRAW* with the intention of outputting to an imagesetter or platesetter, it is extremely important that the person creating the illustration have a thorough understanding of the details of imaging in a prepress environment. There are an abundance 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. Import any external graphics needed.** Before importing any images in **CoreIDRAW**, 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 **CoreIDRAW**.

Go to the **Import...** menu (**File->Import...**) and navigate to the TIFF or EPS file that you wish to import. Use the following options for placing TIFF or EPS files.



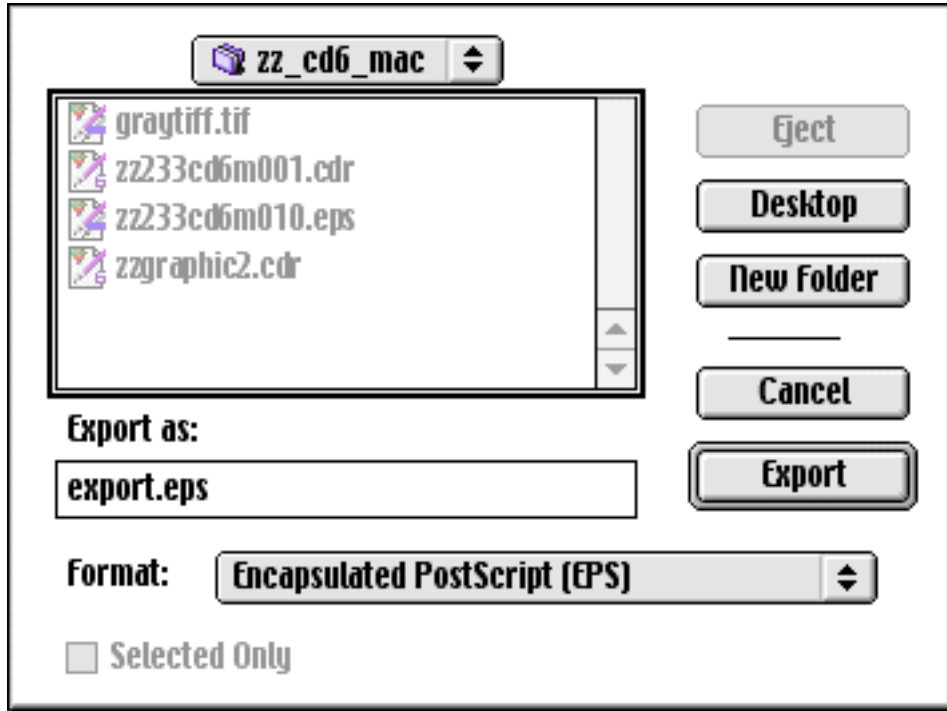
**2. Do all editing and assembly.**

- 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.
- Make sure that any and all imported graphics are in **proper color format**. RGB files will not print correctly.

**3. Resize the Page.** On the **CoreIDRAW** menu bar, go to (**Layout->Document Layout**). Resize the page so that there is no unnecessary white space bordering the figure.

## Exporting Line Art

- 1. Export the graphic.** Bring up the Export dialog box (**File-> Export**) and select the Format **Encapsulated Postscript (EPS)** as shown:

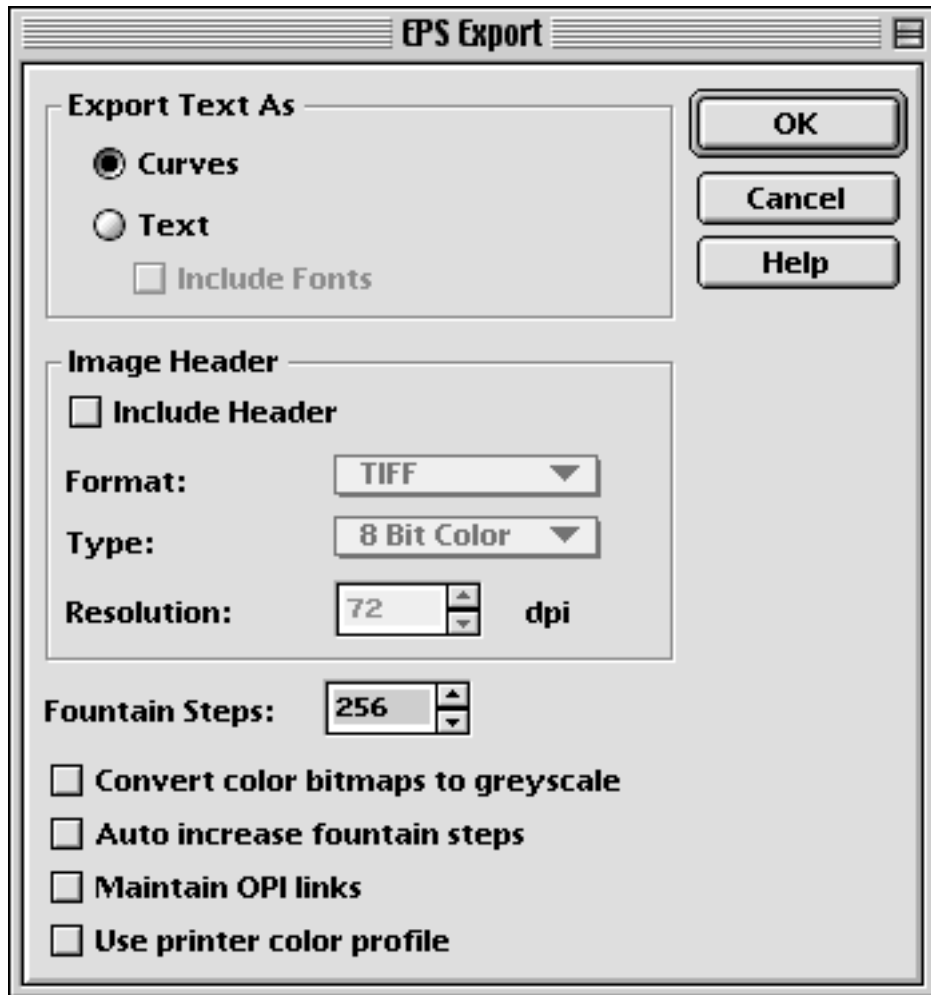


### NOTE

*When exporting figures to be printed as line art, be sure all objects in your CorelDRAW file are black or white only.*

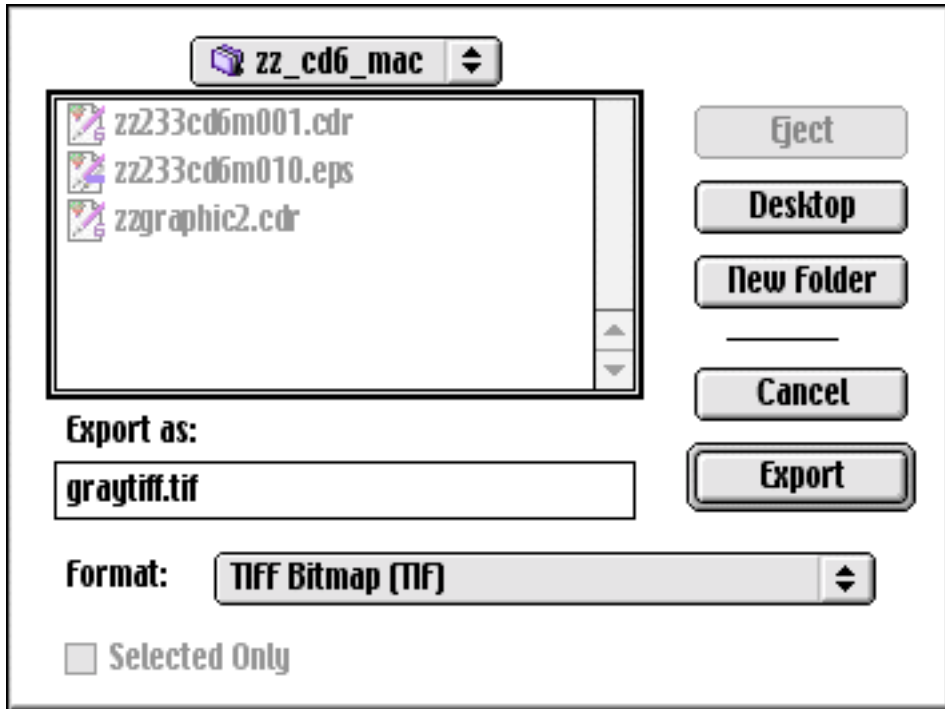
**2. Choosing EPS Export Options.** After pressing Export, you will see the EPS Export dialog.

- Under **Export text as**, choose **Curves**, to avoid having to send CJS fonts.
- Under Image header, **unmark Include Header** as shown:



## Exporting Grayscale

- 1. Export the graphic.** Bring up the Export dialog box ( **File-> Export** ) and select the Format: **TIFF Bitmap (TIF)** as shown:

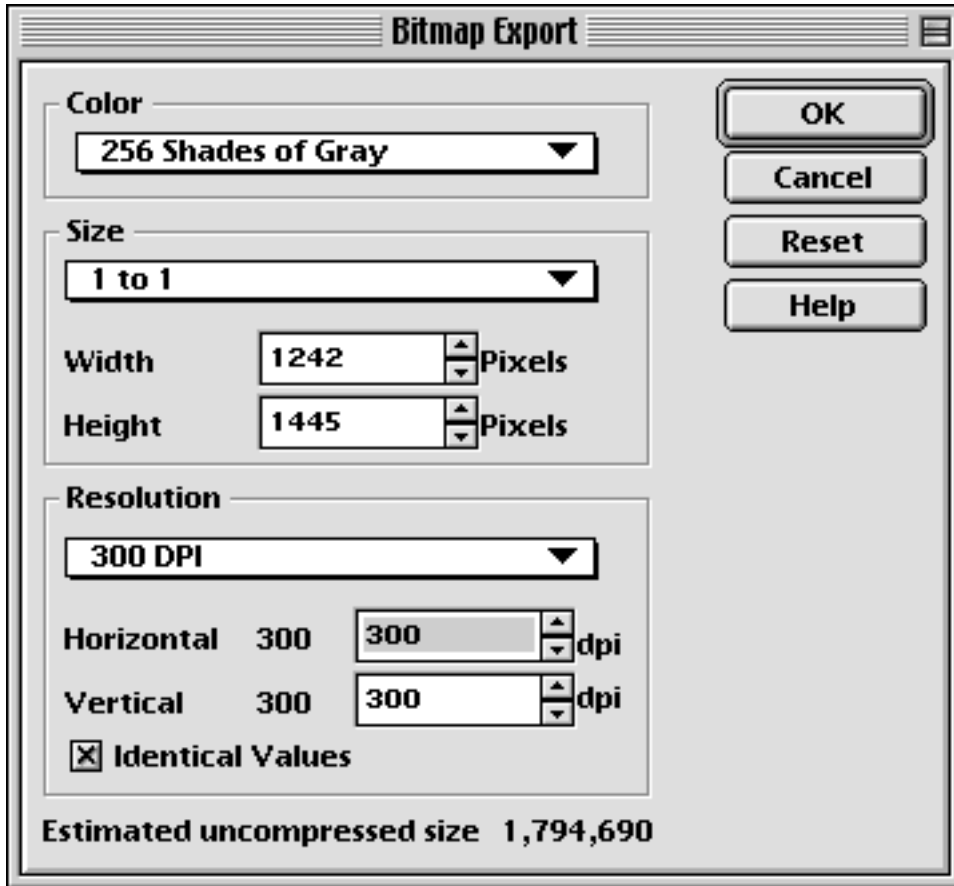


### NOTE

*For smaller files,  
you can export  
grayscale figures in  
EPS format.  
(Just follow the  
steps for exporting  
line art figures.)*

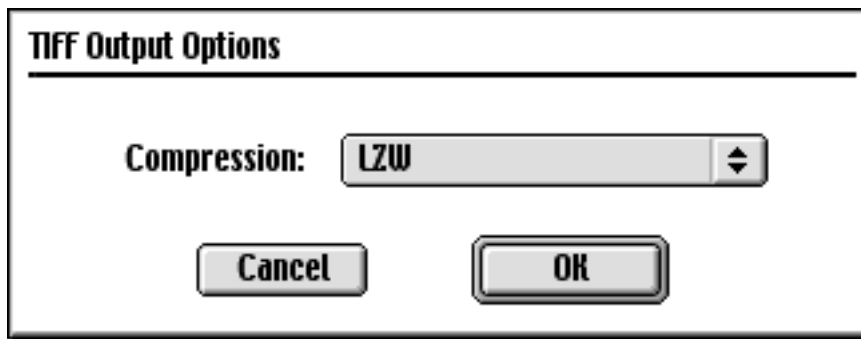
**2. Choosing Export Options.** After pressing Export, you will see the **Bitmap Export** dialog.

- Under **Color** choose **256 Shades of Gray**
- Under **Resolution** choose **300 dpi** identical values, as shown (if you are exporting a **combination halftone**, you can go up to 600 dpi for the resolution):



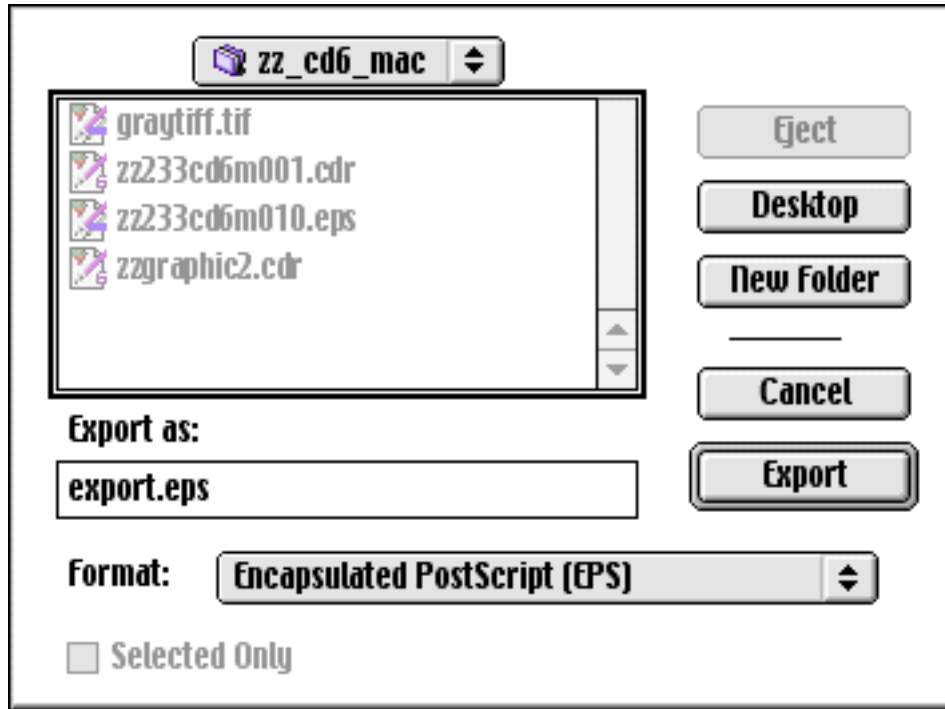
*Note: A combination halftone is a figure with both halftone image data and type (text labeling).*

For **TIFF Output Options** choose **LZW** Compression as shown:



## Exporting CMYK

- 1. Export the graphic.** Bring up the **Export** dialog box (**File-> Export**) and select the Format: **Encapsulated Postscript (EPS)** as shown:

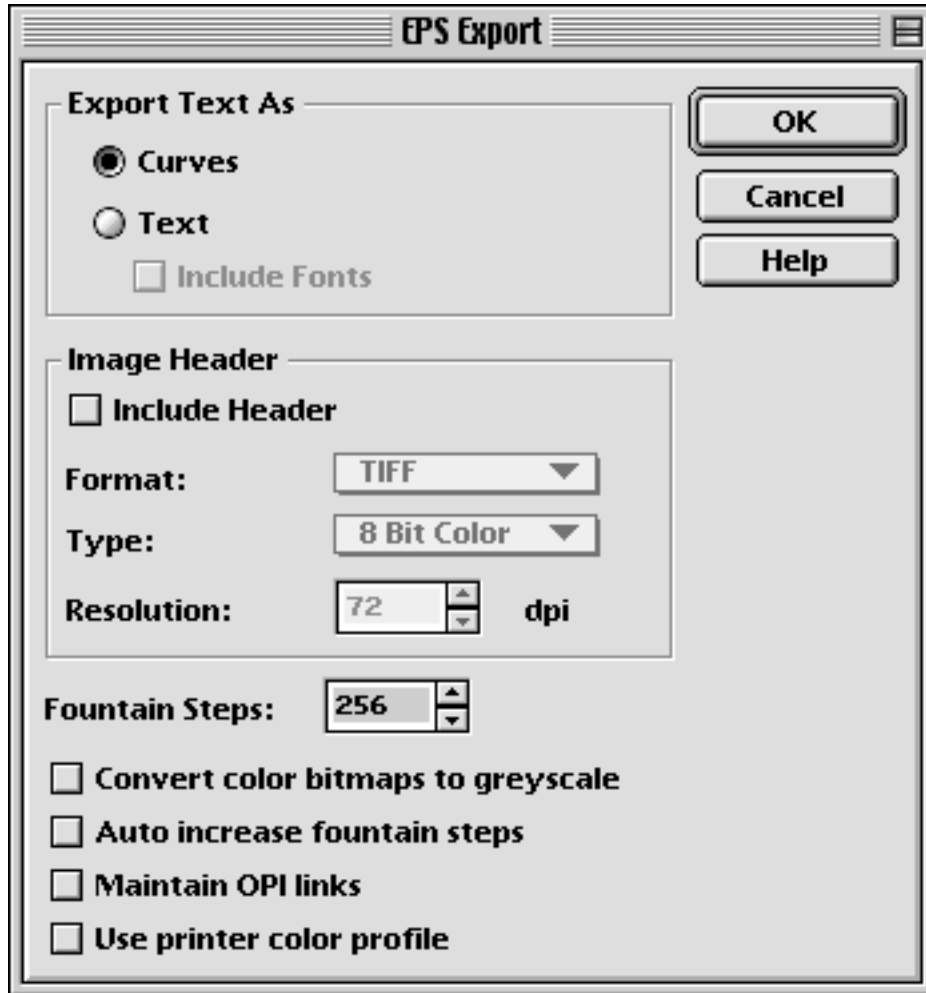


### NOTE

*When exporting figures to be printed as CMYK, be sure that there are no RGB Objects in your CoreIDRAW file.*

**2. Choosing EPS Export Options.** After pressing Export, you will see the EPS Export dialog.

- Under **Export text as**, choose **Curves**, to avoid having to send CJS fonts.
- Under Image Header, **unmark Include Header** as shown:



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

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