



I N S T R U C T I O N S

- 1 [Preparing Graphic for Export](#)
- 2 [Exporting Line Art](#)
- 3 [Exporting Grayscale](#)
- 4 [Exporting CMYK](#)
- 5 [Checking Document Info](#)

Digital Art



Instructions for Preparing Digital Artwork
for Submission to CJS using
CorelDRAW 7 for Windows 9x/NT

PLEASE NOTE

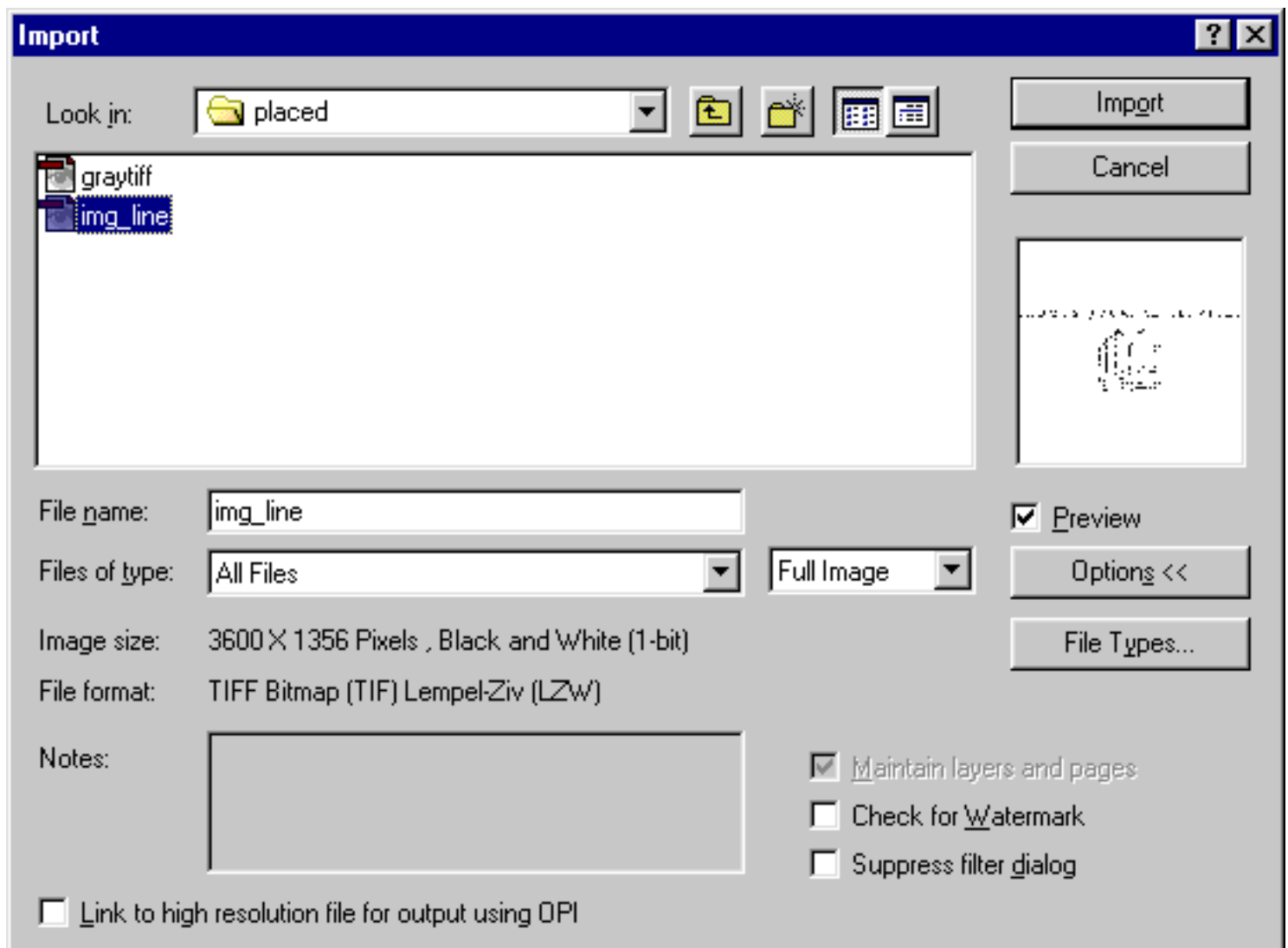
When creating graphics in illustration programs such as *CorelDRAW* with the intention of outputting to an imagesetter or platesetter, it is extremely important that the person creating the illustration have a thorough understanding of the details of imaging in a prepress environment. There are an abundance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

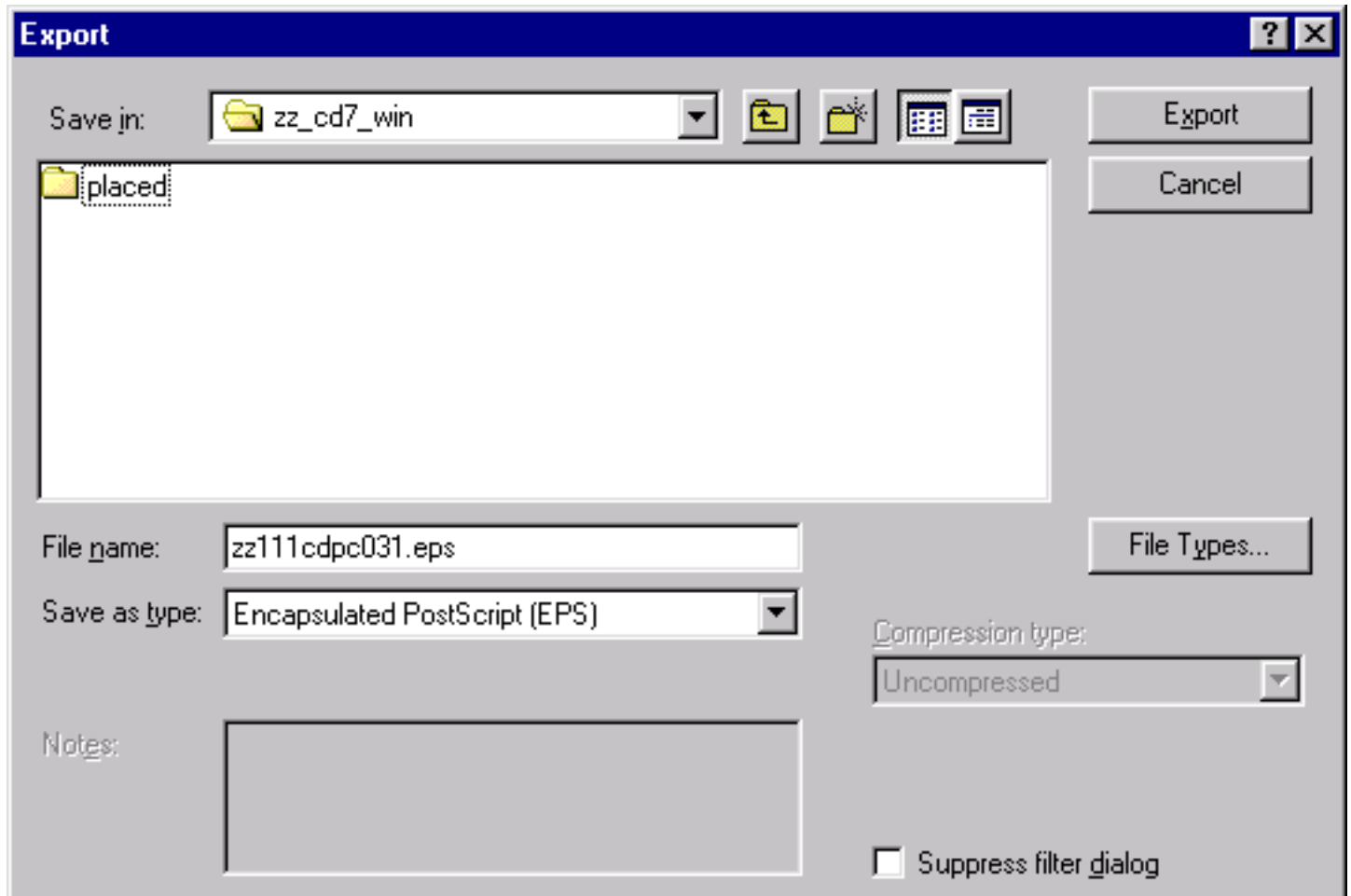
- Assemble any panels so that each figure consists of only one file.
- Create the figure at 100% of print size so that no scaling is necessary.
- Make sure that any and all imported graphics are in **proper color format**. [Here's how you find out! RGB files](#), which **will not output correctly**, may not be detected until output.
- **Only import** graphics that are saved in either **TIFF** or **EPS** formats.

3. Resize the Page. On the **CoreIDRAW** menu bar go to (**Layout->Page Setup**). Resize the page so that there isn't any unnecessary white space bordering the figure as shown:



Exporting Line Art

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

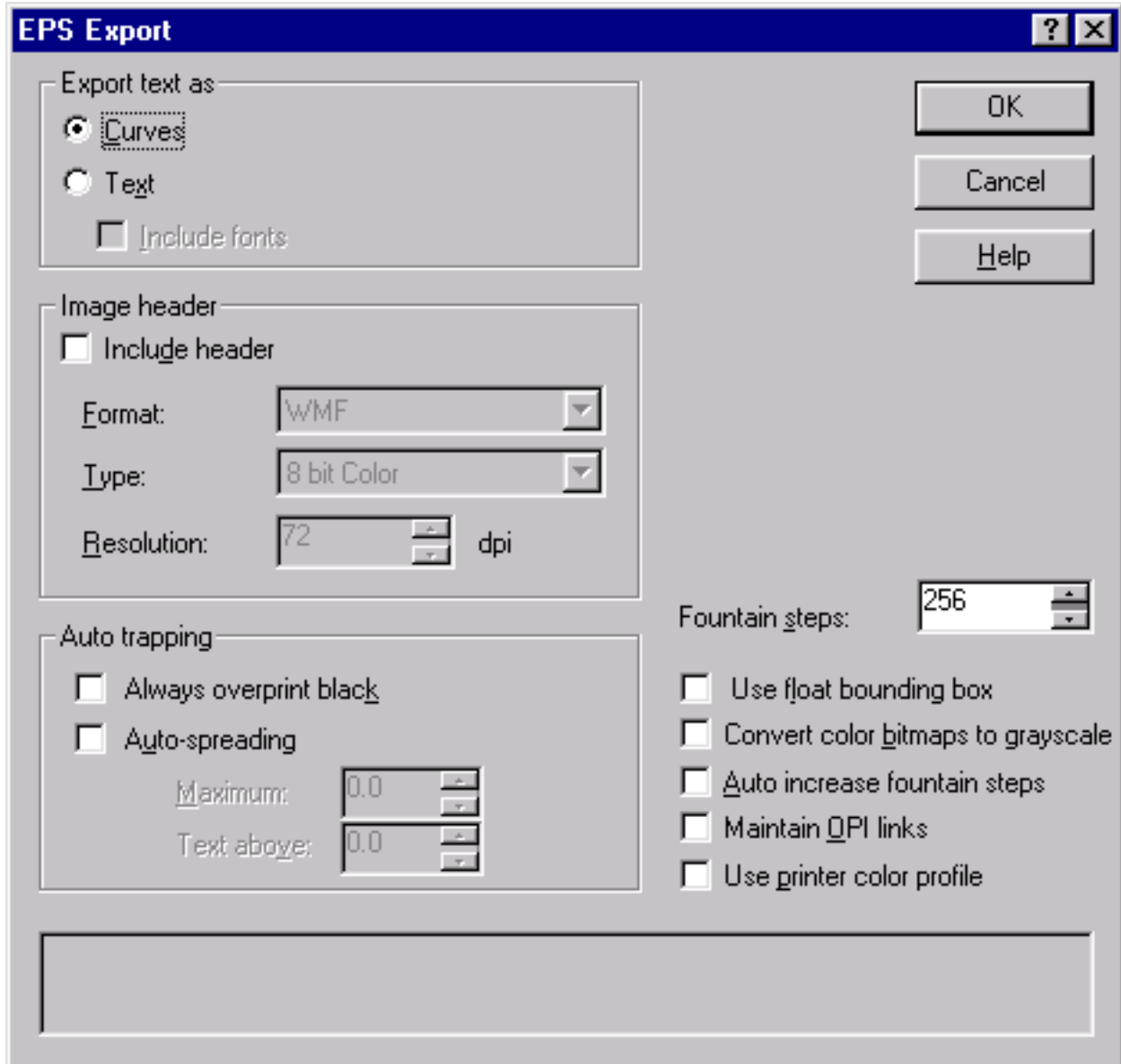


NOTE

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

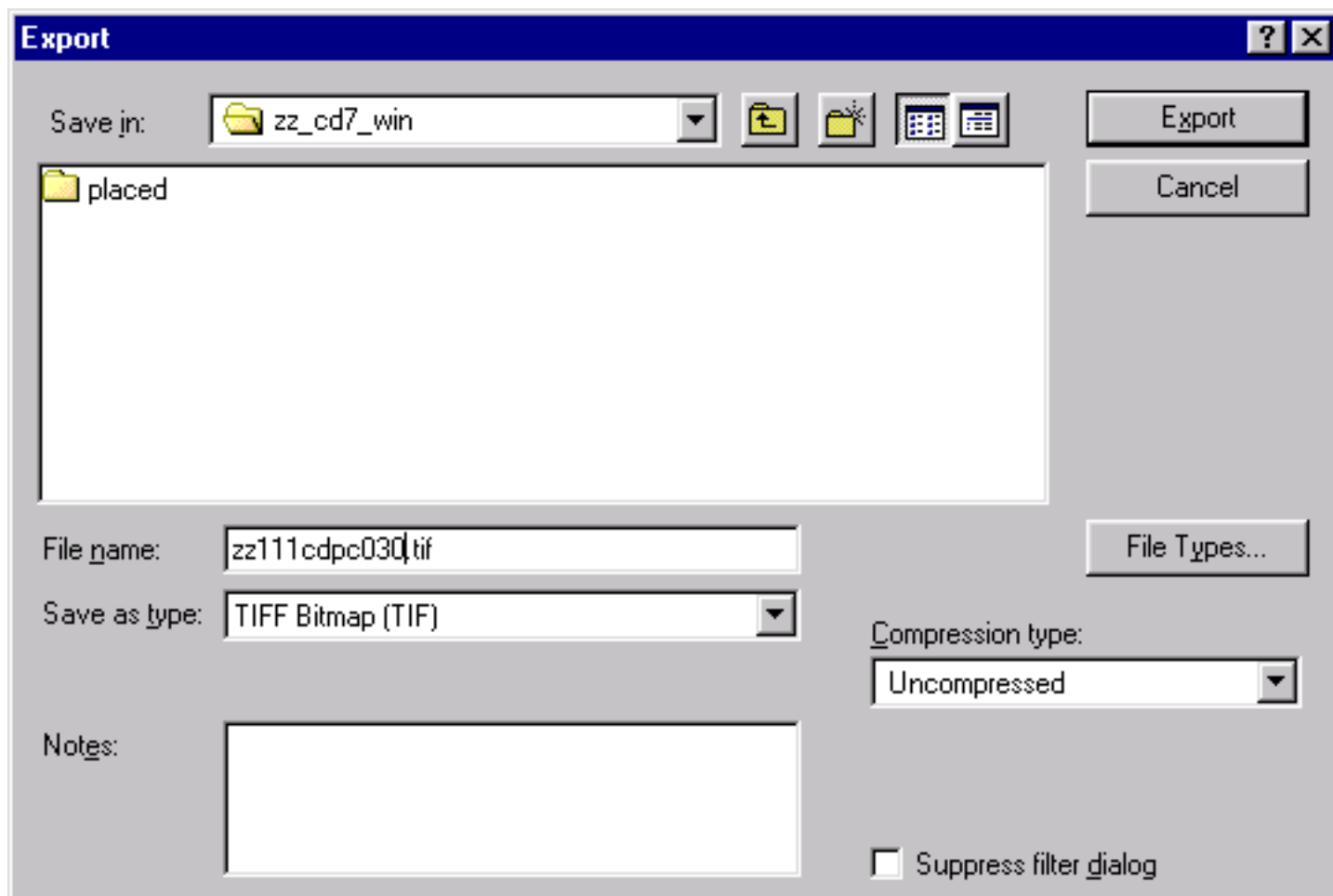
2. **Choosing EPS Export Options.** After pressing Export you will see the **EPS Export** dialog.

- 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 Save as type: **TIFF Bitmap (TIF)** as shown:

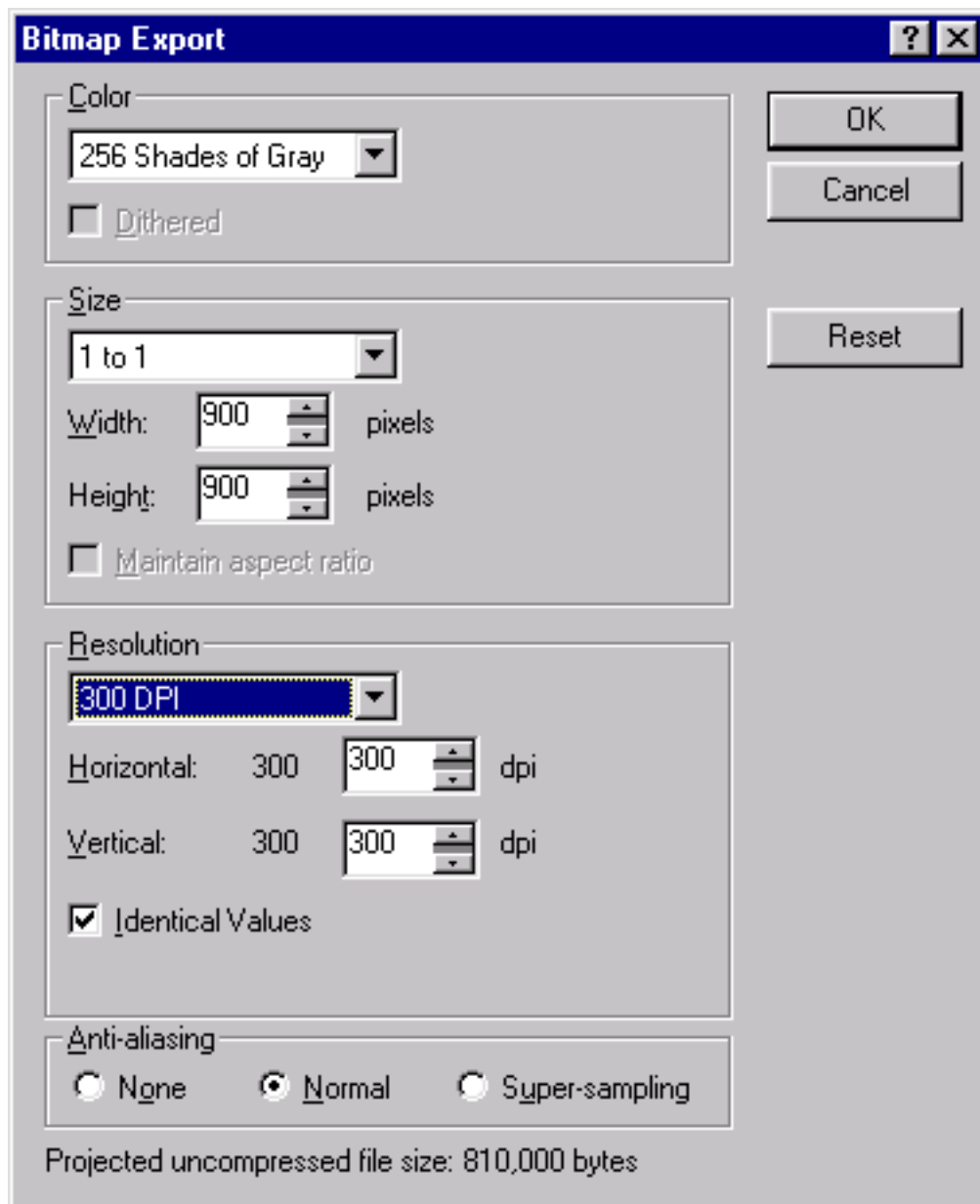


NOTE

*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.

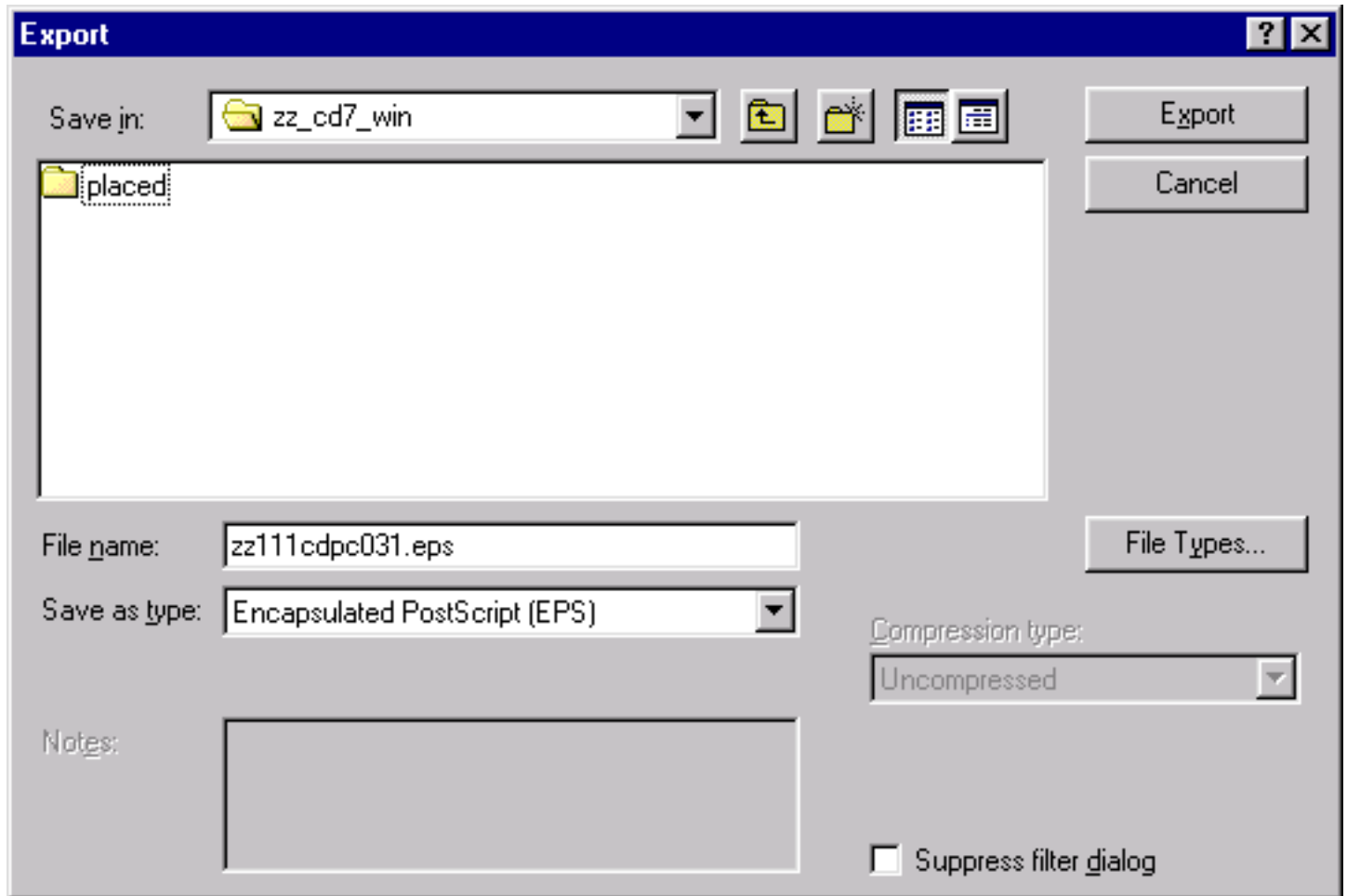
- Under **Color** choose **256 Shades of Gray**
- Under **Resolution** choose **300 dpi** identical values as shown (if you are exporting a **combination halftone**, you should type 600 dpi for the resolution):



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

Exporting CMYK

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



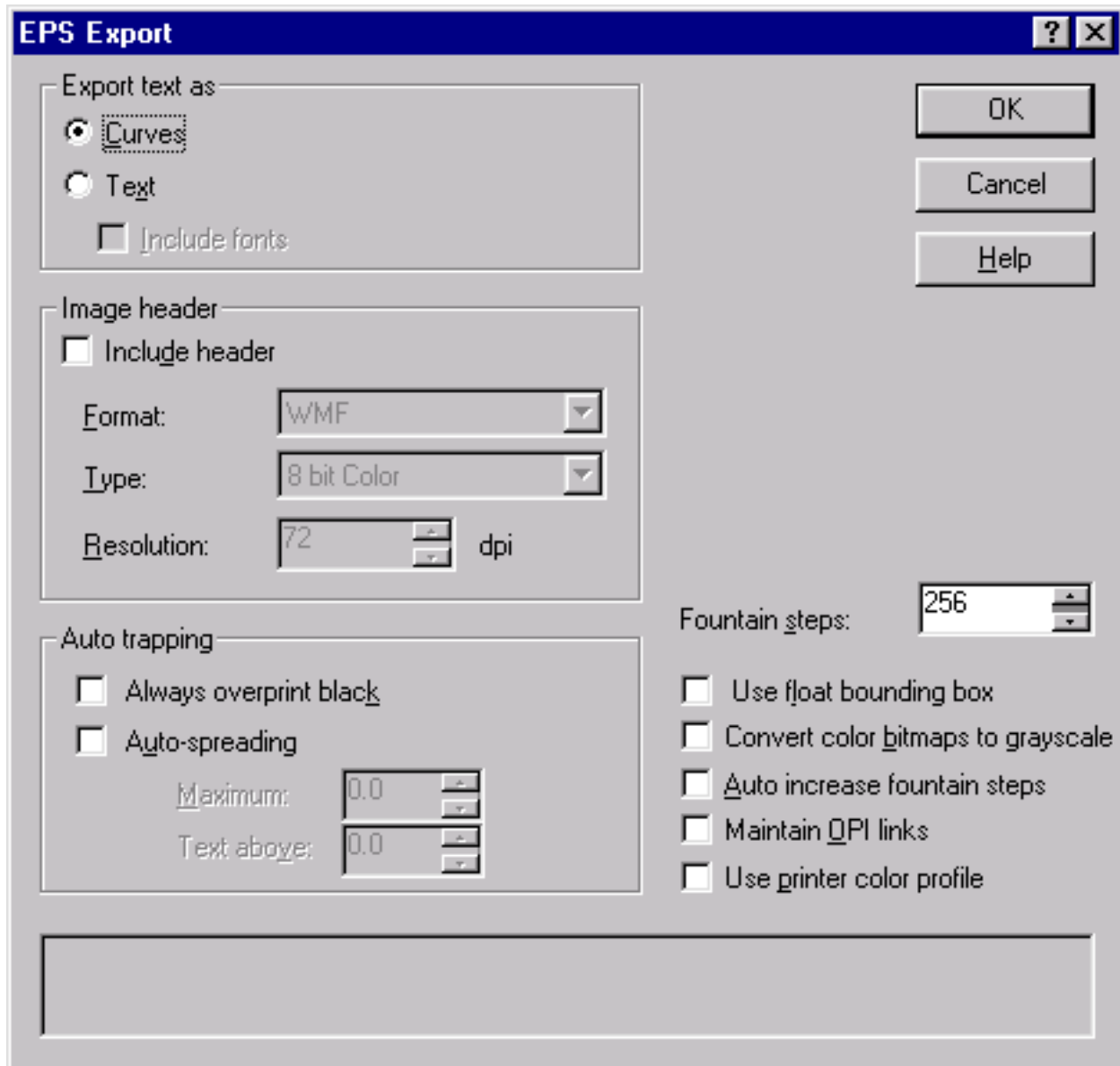
NOTE

When exporting figures to be printed as CMYK, be sure there isn't any RGB Objects in your CorelDRAW file.

Here is how you find out!

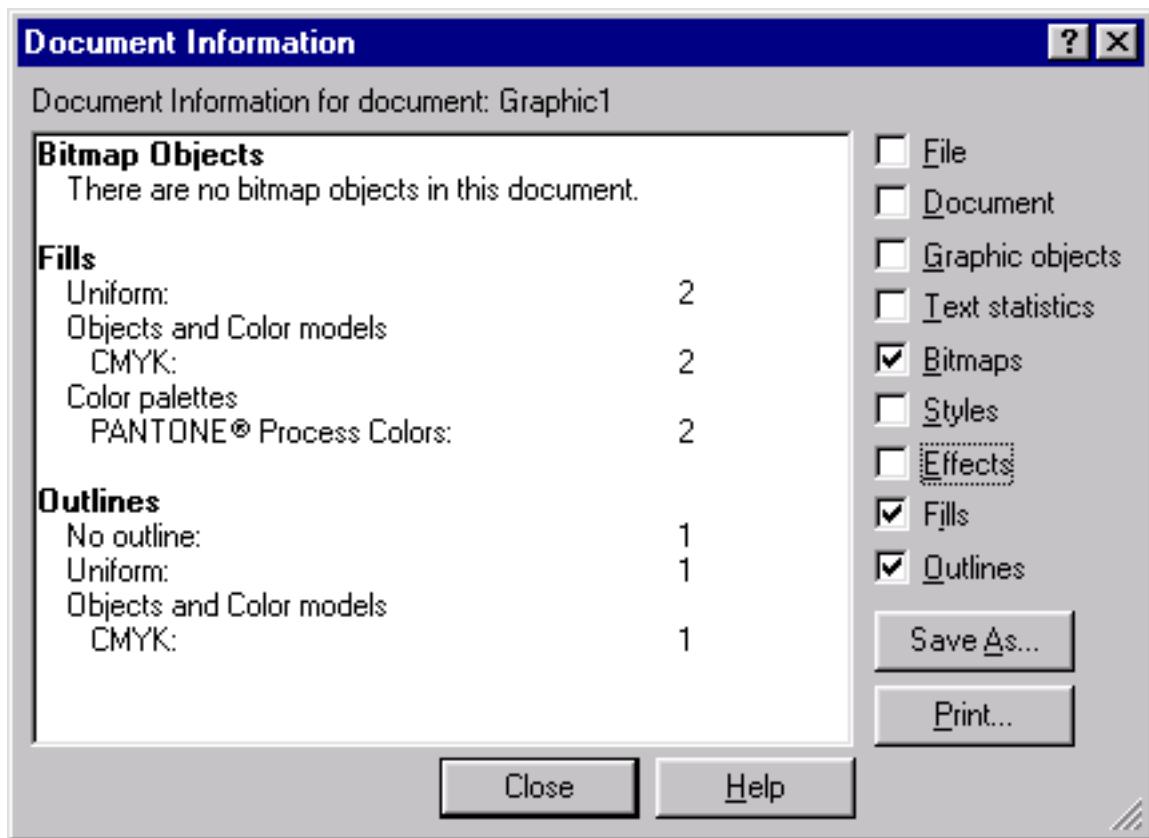
2. **Choosing EPS Export Options.** After pressing Export you will see the **EPS Export** dialog.

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



Checking Document Info

1. In **CorelDRAW** choose (**File->Document Info**). Check the following sections for **improper color objects** and/or **Bitmap Objects**. Depending what color format your figure is (CMYK, Grayscale, Line art), check here to ensure your document contains only those types of objects. **NOTE:** All **Imported Bitmap Objects** should read **Embedded**.
 - When preparing **line art figures**, you would want just black and white Bitmap Objects, Fills and Outlines and NOT CMYK or RGB objects (Grayscale is OK, but no shading or tints.)
 - When preparing **grayscale figures**, you would want just Grayscale Bitmap Objects, Fills and Outlines and NOT CMYK or RGB objects.
 - When preparing **CMYK figures**, you would want just CMYK Bitmap Objects, Fills and Outlines and NOT RGB objects (Grayscale is OK.)



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/>