

# Avoiding Pitfalls and Implementing Solutions in PostScript

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Kitchen Wisdom Publishing  
[herbw@wiskit.rain.com](mailto:herbw@wiskit.rain.com)*



# Problem

UNENCAPSULATED  
POSTSCRIPT

so easy to find  
so hard to use

◆ Addison-Wesley Publishing Company

# PostScript

Language

Tutorial and Cookbook

Adobe Systems  
Incorporated

# PostScript® by Example

Henry McGilton  
Mary Campione

# PostScript Quick Tip

## *Converting PostScript to EPSF*

- **Insert Required Comments**
- **Insert Preview Image**

# From the “Blue Book” (page 98)



## Adobe Systems



# Circle of Adobe (PS)

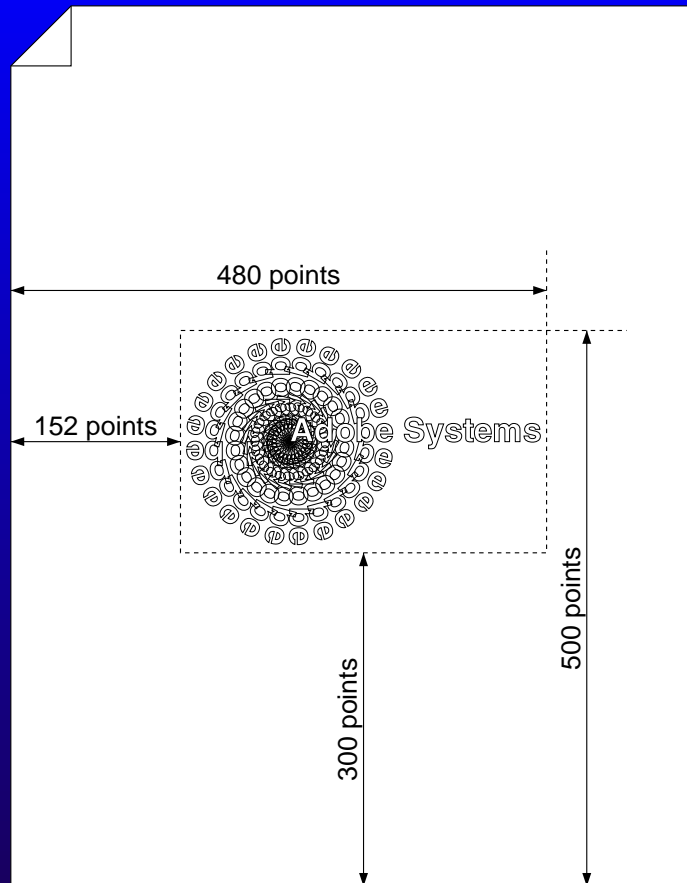
```
/Helvetica-Bold findfont 30 scalefont setfont
/oshow {true charpath stroke} def
/circleofAdobe {15 15 345
{gsave rotate 0 0 moveto (Adobe) oshow grestore}
for} def
250 400 translate .5 setlinewidth
circleofAdobe
0 0 moveto (Adobe Systems) true charpath
gsave 1 setgray fill grestore stroke
```

# Computing the Bounding Box

```
%!PS-Adobe-3.0 EPSF-3.0  
%%BoundingBox: x1 y1 x2 y2
```

```
x1 = 152  
y1 = 300  
x2 = 480  
y2 = 500
```

```
%!PS-Adobe-3.0 EPSF-3.0  
%%BoundingBox: 152 300 480 500
```



# Circle of Adobe (EPSF)

```
%!PS-Adobe-3.0 EPSF-3.0
%%BoundingBox: 152 300 480 500
/Helvetica-Bold findfont 30 scalefont setfont
/oshow {true charpath stroke} def
/circleofAdobe {15 15 345
{gsave rotate 0 0 moveto (Adobe) oshow grestore}
for} def
250 400 translate .5 setlinewidth
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0 0 moveto (Adobe Systems) true charpath
gsave 1 setgray fill grestore stroke
```



# PostScript Quick Tip

## *Converting PostScript to EPSF*

- Insert Required Comments
- **Insert Preview Image**

# Inserting the Preview Image

*A more difficult problem*

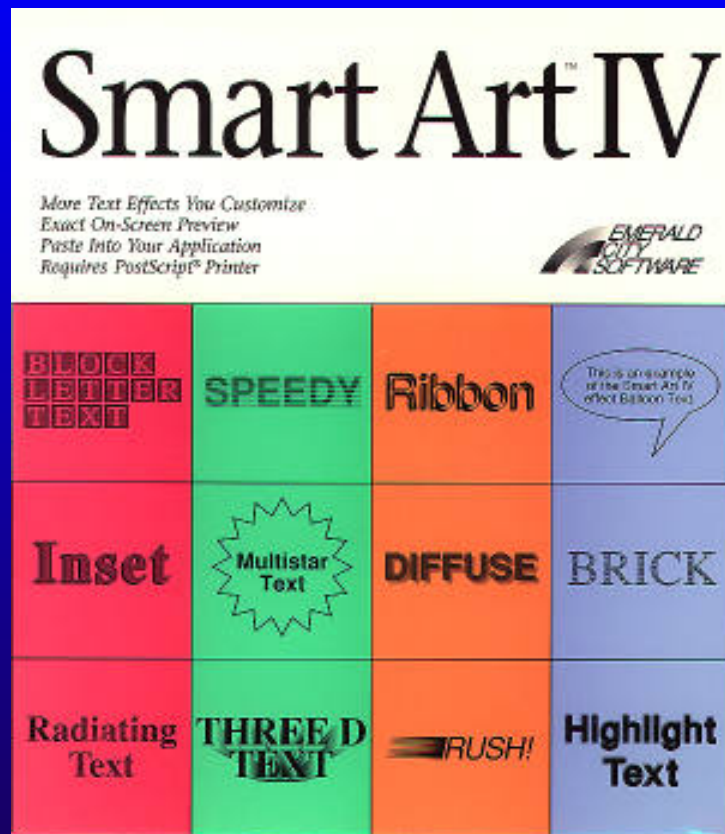
- PostScript Level 1 Only
- Black and White Only
- Macintosh Only

# A Scavenger Hunt

- **PostScript Level 1 Printer**

# A Scavenger Hunt

- PostScript Level 1 Printer
- Adobe Smart Art™



# **Inserting the Preview Image**

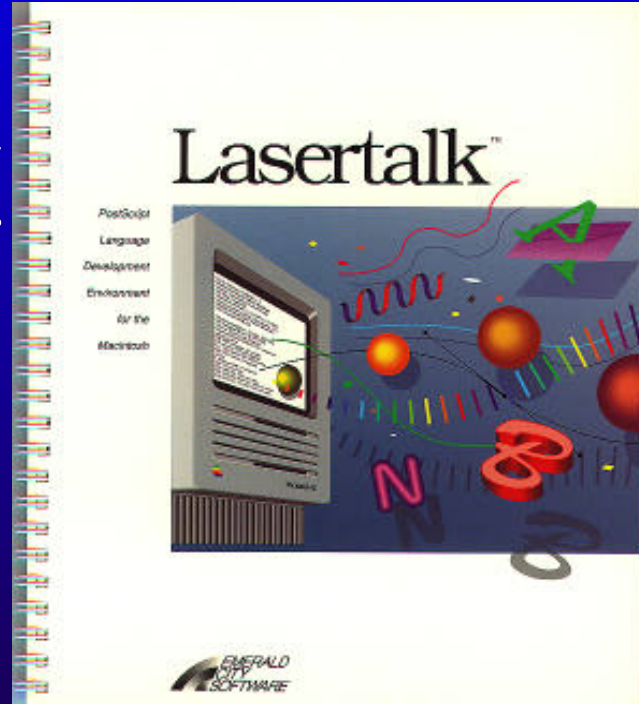
## ***using Smart Art™***

- **Be sure that LaserWriter (not PS Writer) is in the System Folder (not the Extensions Folder)**
- **Remove the showpage, if any from EPSF file**
- **Open the file in Smart Art™ (show EPSF and TEXT)**
- **Reimage**
- **Use Save As... to save EPSF file with Preview Image**

# ... but when things go wrong?

## *Adobe LaserTalk™*

- Trace or Step through Program
- Browse through VM after error
- Dictionary Browser
- Online PostScript Reference
- Page Preview Window
- Interactive Window



# **Recommendation**

## ***Distiller Pro***

- **Option to Generate EPSF**
- **Integrated LaserTalk Debugging Capabilities**