

Subject: ps export/import

Posted by [Martin Schultz](#) on Thu, 04 Jan 2001 21:51:26 GMT

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Hi all,

after struggling with this for ages and a whole day, I finally figured out a way to import ps files generated with IDL into word processing software such as StarOffice or Word. The trouble came because

- (a) I usually don't generate postscript with /ENCAPSULATE in IDL, so my files are missing the EPSF-3.0 label in the first line
 - (b) I generate a lot of landscape plots which come out rotated in IDL ps.

as a brave guy (but only after browsing through newsgroup archives ;-), I decided it should be possible to delete the rotate statement in the ps file without destroying the file. Turns out one has to delete a few more things as well: all bounding boxes, the page orientation and a translate statement. If, thereafter, the honored user sends the crippled file through ps2epsi (viva Unix ;-) she will have a perfect encapsulated file including a preview image.

Attached is a small shell script which automates this process:

psfix filename [outfilename]

If outfilename is not given it will be the basefilename of filename + '.eps'

Good night,

Martin

```

# Author: Martin Schultz, MPI, 04 Jan 2001
# The output file will be <filename>.eps unless otherwise specified

# check arguments

if [ .$1. == .. ] ; then
    echo Usage: psfix inputfile [outputfile]
    exit
else
    infile=$1
fi
echo Converting $infile

if [ ! -s $infile ] ; then
    echo Input file $infile not found!
    exit
fi

if [ .$2. == .. ] ; then
    outfile=`basename $infile .ps`.eps
else
    outfile=$2
fi
echo generating EPS file $outfile

# remove bounding box and orientation statements
sed 's/%%BoundingBox:.*//' $infile > tmp____001.ps
sed 's/%%PageOrientation: Landscape//' tmp____001.ps > tmp____002.ps
rm -f tmp____001.ps
sed 's/%%PageBoundingBox:.*//' tmp____002.ps > tmp____003.ps
rm -f tmp____002.ps

# remove rotate and translate statements
sed 's/[0-9 ]*translate//' tmp____003.ps > tmp____004.ps
rm -f tmp____003.ps
sed 's/[0-9 ]*rotate//' tmp____004.ps > tmp____005.ps
rm -f tmp____004.ps

# convert to epsi
ps2epsi tmp____005.ps
rm -f tmp____005.ps

# rename
mv tmp____005.epsi $outfile
rm -f tmp____005.epsi

```

File Attachments

1) [psfix](#), downloaded 103 times
