
Subject: ps export/import

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

[View Forum Message](#) <> [Reply to Message](#)

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

--

```
[[ Dr. Martin Schultz  Max-Planck-Institut fuer Meteorologie  [[  
[[          Bundesstr. 55, 20146 Hamburg          [[  
[[          phone: +49 40 41173-308          [[  
[[          fax: +49 40 41173-298          [[  
[[ martin.schultz@dkrz.de          [[
```

```
#!/bin/sh
```

```
#
```

```
# shell script to fix postscript files that were generated in IDL
```

```
# with landscape orientation to create epsi files that can be
```

```
# imported into StarOffice
```

```
#
```

```
# 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 137 times
