

**NAME**

objline - create metafile line drawings of RADIANCE object(s)

**SYNOPSIS**

**objline** [input ..]

**DESCRIPTION**

*Objline* takes one or more RADIANCE scene files and produces four parallel line projections using calls to *rad2mgf(1)* and *mgf2meta(1)*. The output must be redirected to a suitable destination for *metafile(5)* 2-d graphics, such as *x11meta(1)* or *psmeta(1)*.

The four projections presented are along the X-axis (displayed in the upper left quadrant), along the Y-axis (upper right), along the Z-axis (lower left) and an oblique view (lower right). If multiple RADIANCE input files are given, they are shown in different colors and line styles. (Materials are ignored, so materials files are best left out.) If no input files are given on the command line, the standard input is read.

**EXAMPLES**

To create a line drawing of the RADIANCE file "myfile.rad" and display under X11:

```
objline myfile.rad | x11meta -r &
```

To create a line drawing of three objects in different colors and send to the printer:

```
objline obj1.rad obj2.rad obj3.rad | psmeta | lpr
```

To create a line drawing of a room and convert into a 1024x1024 RADIANCE picture:

```
objline room.rad | meta2tga -x 1024 -y 1024 | ra_t8 -r > drawing.hdr
```

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**SEE ALSO**

*meta2tga(1)*, *metafile(5)*, *mgf2meta(1)*, *psmeta(1)*, *ra\_t8(1)*, *rad2mgf(1)*, *x11meta(1)*