NAME
xshowtrace - interactively show rays traced on RADIANCE image under X11

SYNOPSIS
xshowtrace [**−s**][**−T**][**rtrace options**] **octree picture**

DESCRIPTION
Xshowtrace takes a RADIANCE octree and a picture file and displays it on an X11 window server using *ximage(1)*. The picture should have been created from a previous *rpict(1)* or *rvu(1)* calculation using the given octree. Once the image is displayed, the user can use the 't' command of *ximage* to select points on the image to display the ray tree. *Rtrace* then produces a ray tree, which *xshowtrace* will display (in red on a color screen). The *−s* option slows the display of each ray traced to make it easier to follow the process. The *−T* option traces rays to light sources, which are normally hidden.

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BUGS
If the pointer is moved between the time 't' is pressed and *xshowtrace* starts drawing rays, the rays will be displaced.

SEE ALSO
oconv(1), rpict(1), rtrace(1), rvu(1), ximage(1)