

Animation

This shows how to animate a rotating square in PostScript by drawing a slightly different figure on successive pages.

```
%!

% animate.ps

/build-square {
0 0 moveto
1 0 lineto
1 1 lineto
0 1 lineto
closepath
}
def

/page-setup {
72 dup scale
0.02 setlinewidth
4.25 5.5 translate
} def

% - the animation begins -----

% - the square rotates and so do the colors

/A 0 def

{

gsave

page-setup

A rotate
1 0 0 setrgbcolor
newpath
build-square
fill
0 setgray
newpath
build-square
stroke

grestore
showpage

/A A 5 add def

} loop
```