NAME
vwright - normalize a RADIANCE view, shift it to the right

SYNOPSIS
vwright [ view options ] distance
vwright [ view options ] name

DESCRIPTION
In the first form, vwright shifts a RADIANCE view the specified distance to the right, putting out a complete set of view parameters in a single line on the standard output. This utility is most often used to compute a right-eyed view from a left-eye view for stereo imaging.

If no options are specified on the command line, vwright reads a view from its standard input.

The distance given is in world coordinate units. A negative value indicates a shift to the left rather than the right.

The second form substitutes a name prefix in place of the shift distance, and produces constant assignments on the standard output suitable for passing directly to rcalc(1). For a given prefix N, the constant names are as follows:

Nt: view type ('v'==1,'l'==2,'a'==3,'h'==4,'c'==5,'s'==6)
Npx: view point x value
Npy: view point y value
Npz: view point z value
Nd: view focal distance
Nd: view direction x value (normalized)
Ndy: view direction y value (normalized)
Ndz: view direction z value (normalized)
Nux: view up vector x value (normalized)
Nuy: view up vector y value (normalized)
Nuz: view up vector z value (normalized)
Nh: view horizontal size
Nv: view vertical size
Ns: view shift
Nl: view lift
No: view fore clipping distance
Na: view aft clipping distance
Nhx: derived horizontal image vector x value (normalized)
Nhy: derived horizontal image vector y value (normalized)
Nhz: derived horizontal image vector z value (normalized)
Nh: derived horizontal image vector multiplier
Nvx: derived vertical image vector x value (normalized)
Nvy: derived vertical image vector y value (normalized)
Nvz: derived vertical image vector z value (normalized)
Nvn: derived vertical image vector multiplier

EXAMPLES
To start rpict(1) on a view .06 meters left of the view in the file "right.vf":
    rpict 'vwright -.06 < right.vf' scene.oct > right.hdr &

To move the rad(1) view named "left" 2.5 inches to the right and render from there:
    rad −v "right −s −V −V left examp.rif | vwright 2.5:" examp.rif &

To pass a view to rcalc for conversion to some other view:
    rcalc −n −e 'vwright orig < orig.vf' −f viewmod.cal −o view.fmt > new.vf
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SEE ALSO
   pdfblur(1), rad(1), realec(1), rpict(1), rvu(1)