NAME

    linkicc - little cms device link generator.

SYNOPSIS

    linkicc [*options*] *profiles*

DESCRIPTION

    lcms is a standalone CMM engine, which deals with the color management. It implements a fast
    transformation between ICC profiles. **linkicc** is a little cms device link generator.

    Links two or more profiles into a single devicelink profile. Colorspaces must be paired except
    Lab/XYZ, that can be interchanged.

OPTIONS

    -a NUM

        Observer adaptation state (abs.col. only), (0..1.0, float value) [defaults to 1.0].

    -b   Black point compensation.

    -c *precision*

        Precision (0=LowRes, 1=Normal, 2=Hi-res) [defaults to 1].

    -d *description*

        Description text (quotes can be used).

    -h *NUM*

        Show summary of options and examples (0=help, 1=Built-in profiles, 2=Examples, 3=Contact
        information)

    -k *inklimit*

        Ink-limiting in % (CMYK only), (0..400.0, float value) [default 400.0].

    -l   Use linearization curves (may affect accuracy).

    -n *gridpoints*

        Alternate way to set precision, number of CLUT points.

    -o *profile*

        Output devicelink profile [defaults to 'devicelink.icm'].

-r *profileversion*

Profile version. (CAUTION: may change the profile implementation), (2.0..4.3, float value) [defaults to 4.3].

-t *NUM*

Rendering intent
0=Perceptual [default]
1=Relative colorimetric
2=Saturation
3=Absolute colorimetric
10=Perceptual preserving black ink
11=Relative colorimetric preserving black ink
12=Saturation preserving black ink
13=Perceptual preserving black plane
14=Relative colorimetric preserving black plane
15=Saturation preserving black plane

-v *verbosity*

Verbosity level, (0=None, 1=Normal, 2=High, 3=Very High) [defaults to 0].

-x   Creatively, guess deviceclass of resulting profile.

-y *copyright*

Copyright notice (quotes can be used) ["No copyright, use freely"].

-8   Creates 8-bit devicelink.

BUILT-IN PROFILES

*Lab2 -- D50-based v2 CIEL*a*b
*Lab4 -- D50-based v4 CIEL*a*b
*Lab   -- D50-based v4 CIEL*a*b
*XYZ   -- CIE XYZ (PCS)
*sRGB -- sRGB color space
*Gray22 - Monochrome of Gamma 2.2
*Gray30 - Monochrome of Gamma 3.0
*null   - Monochrome black for all input
*Lin2222- CMYK linearization of gamma 2.2 on each channel

EXAMPLES

To create 'devicelink.icm' from a.icc to b.icc:

       linkicc a.icc b.icc

To create 'out.icc' from sRGB to cmyk.icc:
       linkicc -o out.icc *sRGB cmyk.icc

To create a sRGB input profile working in Lab:
       linkicc -x -o sRGBLab.icc *sRGB *Lab

To create a XYZ -> sRGB output profile:
       linkicc -x -o sRGBLab.icc *XYZ *sRGB

To create a abstract profile doing softproof for cmyk.icc:
       linkicc -t1 -x -o softproof.icc *Lab cmyk.icc cmyk.icc *Lab

To create a 'grayer' sRGB input profile:
       linkicc -x -o grayer.icc *sRGB gray.icc gray.icc *Lab

To embed ink limiting into a cmyk output profile:
       linkicc -x -o cmyklimited.icc -k 250 cmyk.icc *Lab

NOTES
For suggestions, comments, bug reports etc. send mail to info@littlecms.com.

SEE ALSO
jpgicc(1), **psicc**(1), **tificc**(1), **transicc**(1)

AUTHOR
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