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 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

−8 Creates 8-bit devicelink.

−b Black point compensation.

−c <0,1,2,3>
Precission (0=LowRes, 1=Normal, 2=Hi-res). [defaults to 1]

−d *description*
Description text (quotes can be used).

−h <0,1,2,3>
Show summary of options and examples.

−i *profile*
Input profile (defaults to sRGB).

-k <0..400>
Ink-limiting in % (CMYK only)

−o *profile*
Output devicelink profile. [defaults to 'devicelink.icm']

−t <0,1,2,3>
Intent (0=Perceptual, 1=Colorimetric, 2=Saturation, 3=Absolute).

−x Creatively, guess deviceclass of resulting profile.

Built-in profiles:

*Lab -- D50-based CIEL*a*b (PCS)
*XYZ -- CIE XYZ (PCS)
*sRGB -- sRGB color space
*Gray22- Monochrome of Gamma 2.2
*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), **tificc**(1), **psicc**(1), **transicc**(1),

AUTHOR

This manual page was written by Shiju p. Nair <shiju.p@gmail.com>, for the Debian project.