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Rocky Enterprise Linux 9.2 Manual Pages on command 'linkicc.1'

\$ man linkicc.1

LINKICC(1) General Commands Manual LINKICC(1)

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>

Precision (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

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