
cmt Utility: Builds Color Mapping Table source and object files

Syntax

```
cmt {-i input file}
[-o output file]
[-n internal CMT name]
[-t]
```

Description

cmt, the Color Mapping Table Utility, generates color mapping table source and object files. If the input file is an object color mapping table, **cmt** generates a source output file; and if the input file is a source file, **cmt** generates an object file. Object color mapping tables are used to map OCA (Object Content Architecture) colors and fills to printer specific colors.

Flags

The **cmt** utility uses the following flags:

- i** The file name of the input file. The input file can be a source or object file. When you use the **cmt** utility, you must specify this flag.
- o** The file name of the output file. If this flag is not specified, **stdout** is used. This is a optional flag.
- n** The name that appears on the MO:DCA Begin Object Container (BOC) structured field. This is a optional flag.
- t** Use this flag to turn on trace. This is a optional flag.

Color Mapping Table Source File

The source file describes the contents of the color mapping table object file.

Each mapping definition of one source color or fill to a target color is bracketed by the keywords **BeginMappingDef:** and **EndMappingDef:.** The **cmt** utility requires one mapping definition for each source target mapping.

Each source definition within a mapping definition is bracketed by the keywords **BeginSourceDef:** and **EndSourceDef:.** The **cmt** utility requires one source definition for each mapping definition.

Valid keywords and values for a source definition follow:

ColorSpace

You must specify **OCA**, **Highlight**, or **GOCA**.

ColorValue

You must specify a value that depends upon the value specified for **ColorSpace**:

- When **ColorSpace=OCA**, **ColorValue** is a one string component of the following:
 - Default
 - Blue
 - Red
 - Pink
 - Green

cmt

Cyan
Yellow
Black
Brown
Medium

Note: The binary representation for all **OCA** colors are supported by the cmt utility.

- When :ColorSpace=Highlight, the **ColorValue** has one component, integer 0 through 3. For example, **ColorValue: 2**.
- When **ColorSpace=GOCA**, the **ColorValue** has one component, integer 0 through 16 or 64. For example, **ColorValue: 13**.

Each target definition within a mapping definition is bracketed by the keywords BeginTargetDef and EndTargetDef. The **cmt** utility requires one target definition within each mapping definition. Valid keywords and values for a target definition follow:

ColorSpace

You must specify **RGB**, **CMYK**, **Highlight**, or **CIELAB**.

ColorValue

You must specify a value determined by the value specified by **ColorSpace** as follows:

- When **ColorSpace=RGB**, the **ColorValue** has three components from 0 through 255. For example, 33 167 247.
- When **ColorSpace=CMYK**, the **ColorValue** has four components from 0 through 255. For example, 135 26 37 255.
- When **ColorSpace=CIELAB**, the **ColorValue** has three components with the first integer from 0 through 100, and the second and third integers from -127 through 127. For example 65 -120 111.

PercentShading

Valid values are integers 0 through 100. This optional value defaults to 100.

PercentCoverage

Value values are integers 0 through 100. This optional value defaults to 100.