

c_dtc.doc

COLLABORATORS

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| | <i>TITLE :</i> c_dtc.doc | | |
| <i>ACTION</i> | <i>NAME</i> | <i>DATE</i> | <i>SIGNATURE</i> |
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REVISION HISTORY

| NUMBER | DATE | DESCRIPTION | NAME |
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Chapter 1

c_dtc.doc

1.1 c_dtc.doc

c.datatype

1.2 c.datatype/c.datatype

NAME

c.datatype - data type for any c source

FUNCTION

This datatype is designed to display C and C++ source codes. It display's different parts of the C source in different style and color. At the moment these parts are :

- STANDARD - any text which, doesn't match the following parts
- COMMENT - any comment such like /* ... */ and // ...
- CPP - any C-PreProcessor keyword like "#define" or "#include"
- KEYWORD - any C/C++ keyword, which isn't handled explicitly
- STORAGE - extern, static, register, auto keywords
- TYPES - basic type keywords like int, char, long etc.
- TYPENAME - any name following a struct, union, class or enum
- STRING - any string or char literal
- NUMBER - any number constant decimal, hex

It uses a parser generated by bison with my yacc grammer. Because it's a parser, it may occur a parse error on some unusual source code. If this happens please send me a description of this parse error and maybe the input file. So I can fix this problem !

PREFS

Env:DataTypes/c.prefs with the following two ReadArgs() templates :

- CPART/A/K, PEN/N/K, R=RED/N/K, G=GREEN/N/K, B=BLUE/N/K, ITALIC/S, BOLD/S, UNDERLINED/S, TEXT/S

CPART is one of the explained cpart names like COMMENT or CPP.

PEN assigns the color with the pen number to the specified part

R,G,B defines a new color for the specified part. This color is allocated with ObtainBestPenA(...,OBP_Precision,PRECISION_ICON);

ITALIC,BOLD,UNDERLINED specifies the font style for the part

TEXT treat this CPART as normal text

- GLOBAL/A/S, TABLENGTH/N/K

GLOBAL indicates, that this line is a global setting. Note: The /A/S combination isn't supported from ReadArgs(), so I check it manually !

TABLENGTH - number of spaces to use for a tab !

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SEE ALSO

text.datatype
