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# Define uVision settings for C51 and CX51 source code files

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# Version : 1.0.0

# Product : uVision

# Author : EG

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# (A) Cx51 Keyword sections

# 1) Cx51 ANSI C Keywords

# 2) Cx51 Operator

# 3) Cx51 Listing Directive

# 4) Cx51 Object Directive

# 5) Cx51 Source Directive

# 6) Cx51 New Keyword

# 7) Cx51 Memory Areas

# 8) Cx51 Memory Models

# 9) Cx51 Memory Type

# 10) Cx51 Data Types

# 11) Cx51 Storage Classes

# 12) Cx51 Predefined Macros

# 13) Cx51 Directive

# 14) Cx51 Optimizer Options

#

# (B) Cx51 Keyword assignement

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# (A) Cx51 Keyword sections

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# Nr 1) Cx51 ANSI C Keywords

cx51\_ansi\_c\_keyword=auto break case char const continue default do double else enum extern float for goto \

if int long register return short signed sizeof static struct switch typedef \

union unsigned void volatile while

# Nr 2) Cx51 Operator

# cx51\_operator=( ) [ ] . -> - ! ++ -- - + \* .. sizeof / % << >> < > <= > >= \

# == != & ^ | && || ?: = \*= /= %= += -= <<= >>= &= |= ^= ,

# Nr 3) Cx51 Listing Directive

cx51\_listing\_directive=CODE1 COND1 EJECT LISTINCLUDE NOCOND1 NOPRINT1 PAGELENGTH1 \

PAGEWIDTH1 PREPRINT1 PRINT1 SYMBOLS1 TABS1 WARNINGLEVEL1

# Nr 4) Cx51 Object Directive

cx51\_object\_directive=AREGS BROWSE1 COMPACT1 DEBUG1 DISABLE FARWARNING FIXXC800 \

FLOATFUZZY INTERVAL1 INTPROMOTE1 INTVECTOR1 LARGE1 MAXARGS1 MOD517 \

MODA2 MODAB2 MODDA MODDP2 MODP2 NOAMAKE1 NOAREGS NOINTPROMOTE1 \

NOINTVECTOR1 NOMOD517 NOMODA2 NOMODAB2 NOMODDA NOMODDP2 MODP2 \

NOOBJECT1 NOREGPARMS OBJECT1 OBJECTADVANCED1 OBJECTEXTEND1 \

OMF21 ONEREGBANK OPTIMIZE ORDER1 PSOC1 REGPARMS RESTORE RET\_PSTK1 \

RET\_XSTK1 ROM1 SAVE SMALL1 SRC1 STRING1 USERCLASS1 VARBANKING1 XCROM1

# Nr 5) Cx51 Source Directive

cx51\_source\_directive=ASM DEFINE2 ENDASM INCDIR1 NOEXTEND1

# Nr 6) Cx51 New Keyword

cx51\_new\_keyword=\_at\_ alien interrupt \

\_priority\_ reentrant \_task\_ using

# Nr 7) Cx51 Memory Areas

cx51\_memory\_area=code data idata bdata xdata pdata far sfr

# Nr 8) Cx51 Memory Models

cx51\_memory\_model=small compact large

# Nr 9) Cx51 Memory Type

cx51\_memory\_type=code data idata bdata xdata pdata far

# Nr 10) Cx51 Data Types

cx51\_data\_type=bit char enum int float double sbit sfr sfr16

# Nr 11) Cx51 Storage Classes

cx51\_storage\_class=auto register static extern

# Nr 12) Cx51 Predefined Macros

cx51\_predefined\_macro=\_\_c51\_\_ \_\_cx51\_\_ \_\_date\_\_ \_\_date2\_\_ \_\_file\_\_ \_\_line\_\_ \_\_model\_\_ \_\_time\_\_ \_\_stdc\_\_

# Nr 13) Cx51 Directive

cx51\_directive=

# Nr 14) Cx51 Optimizer Options

cx51\_optimizer\_option=noaregs noregparms optimize size objectadvanced

# (B) Keyword assignement for A51

keywords6.$(file.patterns.cpp)=$(cx51\_new\_keyword) $(cx51\_optimizer\_option) $(cx51\_storage\_class) $(cx51\_data\_type) $(cx51\_memory\_type) $(cx51\_memory\_model) \

$(cx51\_directive) $(ext\_instruction) $(cx51\_source\_directive) $(cx51\_listing\_directive) $(cx51\_object\_directive) $(cx51\_predefined\_macro)