

Using macros in #pragma directives

The compiler allows you to use macros in the #pragma directive.

Example:

```
#define DATA_MAC(a) DATA_SEG a
#define CONST_MAC(b) CONST_SEG b
#define CODE_MAC(c) CODE_SEG c

#pragma DATA_MAC(SD_PRAMA)
#pragma CONST_MAC(SK_PRAMA)
#pragma CODE_MAC(SC_PRAMA)
```

The pre-processor output (compiler switch '-Lp') has been enhanced to write out the pragma directives:

Pre-Processor output:

```
/* FILE 'b.c' */

/* 1 */
/* 2 */
/* 3 */
/* 4 */
/* 5 */ #pragma DATA_SEG SD_PRAMA
/* 6 */ #pragma CONST_SEG SK_PRAMA
/* 7 */ #pragma CODE_SEG SC_PRAMA
```

Note

For a correct pre-processor output, it is necessary that the '#pragma' directive is not used in a macro.

Example:

```
#pragma NO_STRING_CONSTR
#define DATA_SEG_DEF(kind, short, name) #pragma kind short name
DATA_SEG_DEF(DATA_SEG, SHORT_SEG, MySeg)
```

The above example will not work correctly, because the '#pragma' is split into 2 symbols, which is not accepted by the compiler:

```
/* 1 */
/* 2 */
/* 3 */ #pragma NO_STRING_CONSTR
/* 4 */
/* 5 */ # pragma DATA_SEG SHORT_SEG MySeg
```