

```
/*
```

```
001-Generated C code for functional specification 'MERGE_5_STRS'
```

```
VERSION: 3.2.3.9 C-RAT
```

```
: 1.6.0.0
```

```
AUTHOR: Hamilton Technologies Inc. Copyright 1991-2015.
```

```
OPERATION: MERGE_5_STRS
```

```
GENERATED: Sun Sep 13 16:07:17 2015
```

```
SCCSID: @(#) %M% %I% of %G%.
```

```
*/
```

```
#include "CHAR.h"  
#include "STR.h"
```

```
#include <stdio.h>  
#include <math.h>  
#include <errno.h>  
#include "BOOLEAN.h"  
#include "NAT.h"
```

```
fMERGE_5_STRS(V0S0,V01,V02,V03,V04,V05,  
             V0S)
```

```
IDECLARE_STR(V0S0)
```

```
IDECLARE_STR(V01)
```

```
IDECLARE_STR(V02)
```

```
IDECLARE_STR(V03)
```

```
IDECLARE_STR(V04)
```

```
IDECLARE_STR(V05)
```

```
ODECLARE_STR(V0S)
```

```
{
```

```
/* LOCAL_VARIABLE_DECLARATIONS */
```

```
DECLARE_CHAR(C1)
```

```
DECLARE_STR(V0S4)
```

```
DECLARE_CHAR(C3)
```

```

DECLARE_STR(V0S3)
DECLARE_CHAR(C5)
DECLARE_STR(V0S2)
DECLARE_CHAR(C7)
DECLARE_STR(V0S1)
DECLARE_CHAR(C9)
        /* ITERATION_VARIABLE_DECLARATIONS */
        /* CONSTANT_DECLARATIONS_AND_ASSIGNMENTS */
NEWSTACK_TRACE_IDSC("MERGE_5_STRS");
DOT_K_CHAR('>',C1)
DOT_K_CHAR('>',C3)
DOT_K_CHAR('>',C5)
DOT_K_CHAR('>',C7)
DOT_K_CHAR('>',C9)
        /* FUNCTION_SOURCE_CODE_BEGINNING */
    MERGE_STR(C9,V01,V0S0,V0S1)
    MERGE_STR(C7,V02,V0S1,V0S2)
    MERGE_STR(C5,V03,V0S2,V0S3)
    MERGE_STR(C3,V04,V0S3,V0S4)
    MERGE_STR(C1,V05,V0S4,*V0S)

SET_OUTPUT_FLAG_STR(V0S0)
SET_OUTPUT_FLAG_STR(V01)
SET_OUTPUT_FLAG_STR(V02)
SET_OUTPUT_FLAG_STR(V03)
SET_OUTPUT_FLAG_STR(V04)
SET_OUTPUT_FLAG_STR(V05)
SET_OUTPUT_FLAG_STR(*V0S)ENDSTACK_IDSC(); /* STR Garbage Collector */

CLEAR_OUTPUT_FLAG_STR(V0S0)
CLEAR_OUTPUT_FLAG_STR(V01)
CLEAR_OUTPUT_FLAG_STR(V02)
CLEAR_OUTPUT_FLAG_STR(V03)
CLEAR_OUTPUT_FLAG_STR(V04)
CLEAR_OUTPUT_FLAG_STR(V05)
CLEAR_OUTPUT_FLAG_STR(*V0S)

```

```
return;
```

```
}
```

```
/* ----- end of source -----*/
```