

```
/*
```

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

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

```
: 1.6.0.0
```

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

```
OPERATION: SEND_MSGS
```

```
GENERATED: Sun Sep 13 16:30:06 2015
```

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

```
*/
```

```
#include "BOOLEAN.h"
```

```
#include "CPORT.h"
```

```
#include "NAT.h"
```

```
#include "MSGS.h"
```

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

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

```
#include "OMAP.h"
```

```
#include <stdio.h>
```

```
#include <math.h>
```

```
#include <errno.h>
```

```
#include "BOOLEAN.h"
```

```
#include "NAT.h"
```

```
fSEND_MSGS(V0MS0,V0TALKTO,V0FOREVER,  
           V0HEARFROM)
```

```
IDECLARE_MSGS(V0MS0)
```

```
IDECLARE_CPORT(V0TALKTO)
```

```
IDECLARE_NAT(V0FOREVER)
```

```
ODECLARE_CPORT(V0HEARFROM)
```

```
{
```

```
/* __LOCAL_VARIABLE_DECLARATIONS__ */
```

```
DECLARE_BOOLEAN(V0NB)
```

```

DECLARE_BOOLEAN(V0EB)
DECLARE_BOOLEAN(V0WB)
DECLARE_BOOLEAN(D0D3)
DECLARE_STR(V1_OMSTR)
DECLARE_CHAR(C10)
DECLARE_STR(V1_ZSTR)
DECLARE_NAT(V1_Z)
DECLARE_STR(V1_OMSTR0)
DECLARE_OMAP(V1_OM)
                /* __ITERATION_VARIABLE_DECLARATIONS__ */
                /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
NEWSTACK_TRACE_IDSC("SEND_MSGS");
DOT_K_CHAR('<',C10)
                /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
        fWRITE_ERROR_SELECT(V0TALKTO,V0FOREVER,&V0WB,&V0EB,&V0NB);
        CLONE_BOOLEAN(V0WB,D0D3)
            if(D0D3<1)
{if(D0D3 == REJECT_BOOLEAN) {REJECT_TEST_BOOLEAN()}
    CLONE_CPORT(V0TALKTO,*V0HEARFROM)
}/*FALSE*/
else{/*SENDOMAP*/
    CONVERT_OMAP_MSGS(V0MS0,V1_OM)
    CONVERT_STR_OMAP(V1_OM,V1_OMSTR0)
    SIZE_STR(V1_OMSTR0,V1_Z)
    CONVERT_STR_NAT(V1_Z,V1_ZSTR)
    MERGE_STR(C10,V1_ZSTR,V1_OMSTR0,V1_OMSTR)
    fSEND_A_STR_CPORT(V0TALKTO,V1_OMSTR,V0HEARFROM);
}/*TRUE*/
ENDSTACK_IDSC(); /* STR Garbage Collector */

return;
}
/* ----- end of source -----*/

```