

```

/*
   001-Generated C code for functional specification 'SETUP_LISTENING_INET_PORT'

   VERSION: 3.2.3.9 C-RAT
           : 1.6.0.0
   AUTHOR: Hamilton Technologies Inc. Copyright 1991-2015.
   OPERATION: SETUP_LISTENING_INET_PORT
   GENERATED: Sat Sep 12 21:25:10 2015

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

*/
#include "NAT.h"
#include "PORTADDR.h"
#include "BINT.h"
#include "STR.h"
#include "LPORT.h"
#include "OS.h"

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

fSETUP_LISTENING_INET_PORT(V0OS0,
                          VOLISTENON)
IDECLARE_OS(V0OS0)
ODECLARE_LPORT(VOLISTENON)
{
    /* __LOCAL_VARIABLE_DECLARATIONS__ */
    DECLARE_NAT(C1)
    DECLARE_PORTADDR(V0PADR)
    DECLARE_NAT(C3)

```

```
DECLARE_BINT(V0BHOST)
DECLARE_STR(V0HOST)
          /* __ITERATION_VARIABLE_DECLARATIONS__ */
          /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
NEWSTACK_TRACE_IDSC("SETUP_LISTENING_INET_PORT");
DOT_K_NAT(1000,C1)
DOT_K_NAT(5000,C3)
          /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
  HOSTNAME_OS(V0OS0,V0HOST)
  HOSTINETADDRESS_OS(V0HOST,V0OS0,V0BHOST)
  K_INET_PORTADDR(V0BHOST,C3,V0OS0,V0PADR)
  K_LPORT(V0PADR,C1,V0OS0,*V0LISTENON)
ENDSTACK_IDSC(); /* STR Garbage Collector */

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