

```
/*
```

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

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

```
: 1.6.0.0
```

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

```
OPERATION: CONNECT_TO_SERVER
```

```
GENERATED: Sun Sep 13 16:10:33 2015
```

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

```
*/
```

```
#include "PORTADDR.h"
```

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

```
#include "BINT.h"
```

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

```
#include "OS.h"
```

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

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

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

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

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

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

```
fCONNECT_TO_SERVER(V0HOST, V0OS,  
                   V0TALKTOSERVER)
```

```
IDECLARE_STR(V0HOST)
```

```
IDECLARE_OS(V0OS)
```

```
ODECLARE_CPORT(V0TALKTOSERVER)
```

```
{
```

```
    /* __LOCAL_VARIABLE_DECLARATIONS__ */
```

```
DECLARE_PORTADDR(V0SERVERLISTENPORT)
```

```
DECLARE_NAT(C2)
```

```
DECLARE_BINT(V0BHOST)
```

```
        /* __ITERATION_VARIABLE_DECLARATIONS__ */
        /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
NEWSTACK_TRACE_IDSC("CONNECT_TO_SERVER");
DOT_K_NAT(5000,C2)
        /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
        HOSTINETADDRESS_OS(V0HOST,V0OS,V0BHOST)
        K_INET_PORTADDR(V0BHOST,C2,V0OS,V0SERVERLISTENPORT)
        REQUESTCONNECT_CPORT(V0SERVERLISTENPORT,*V0TALKTOSERVER)

SET_OUTPUT_FLAG_STR(V0HOST)ENDSTACK_IDSC(); /* STR Garbage Collector */

CLEAR_OUTPUT_FLAG_STR(V0HOST)
return;
}
/* ----- end of source -----*/
```