

/*

001-Generated C code for functional specification 'WRITE_ERROR_SELECT'

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: 1.6.0.0

AUTHOR: Hamilton Technologies Inc. Copyright 1991-2015.

OPERATION: WRITE_ERROR_SELECT

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*/

```
#include "BOOLEAN.h"  
#include "NAT.h"  
#include "FDSET.h"  
#include "CPORT.h"
```

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

```
fWRITE_ERROR_SELECT(V0CPORT0,V0TIMEVAL,  
                    V0WB,V0EB,V0NB)
```

```
IDECLARE_CPORT(V0CPORT0)
```

```
IDECLARE_NAT(V0TIMEVAL)
```

```
ODECLARE_BOOLEAN(V0WB)
```

```
ODECLARE_BOOLEAN(V0EB)
```

```
ODECLARE_BOOLEAN(V0NB)
```

```
{
```

```
    /* __LOCAL_VARIABLE_DECLARATIONS__ */
```

```
DECLARE_BOOLEAN(V0WB0)
```

```
DECLARE_NAT(C2)
```

```
DECLARE_FDSET(V0E)
```

```

DECLARE_FDSET(V0W)
DECLARE_FDSET(V0R)
DECLARE_NAT(V0N)
DECLARE_FDSET(V0W0)
DECLARE_FDSET(V0E0)
DECLARE_FDSET(V0E1)
DECLARE_FDSET(V0W1)
DECLARE_FDSET(V0R0)
DECLARE_BOOLEAN(V1_B3)
DECLARE_BOOLEAN(V1_A2)
DECLARE_BOOLEAN(V1_B2)
DECLARE_BOOLEAN(V1_A1)
DECLARE_BOOLEAN(V1_B1)
                /* __ITERATION_VARIABLE_DECLARATIONS__ */
                /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
DOT_K_NAT(1,C2)
                /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
K_FDSET(V0CPORT0,V0E0)
ADD_CPORT_FDSET(V0CPORT0,V0E0,V0E1)
K_FDSET(V0CPORT0,V0W0)
ADD_CPORT_FDSET(V0CPORT0,V0W0,V0W1)
K_FDSET(V0CPORT0,V0R0)
SELECT_FDSET(V0R0,V0W1,V0E1,V0TIMEVAL,V0N,V0R,V0W,V0E)
LT_NAT(V0N,C2,*V0NB)
fis_PRESENT_IN_FDSET(V0CPORT0,V0E,V0EB);
fis_PRESENT_IN_FDSET(V0CPORT0,V0W,&V0WB0);
D_FDSET(V0R,V1_B1)
CLONE_BOOLEAN(V0WB0,V1_A1)
D_FDSET(V0W,V1_B2)
CLONE_BOOLEAN(V1_A1,V1_A2)
D_FDSET(V0E,V1_B3)
CLONE_BOOLEAN(V1_A2,*V0WB)

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

```