

```
/*
```

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

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

```
: 1.6.0.0
```

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

```
OPERATION: COMPUTE_PROCESS_TIME
```

```
GENERATED: Tue Aug 25 16:55:17 2015
```

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

```
*/
```

```
#include "TIMES.h"
```

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

```
#include "JOB.h"
```

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

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

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

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

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

```
fCOMPUTE_PROCESS_TIME(V0JOB,VORUNTIME,  
                      V0J)
```

```
IDECLARE_JOB(V0JOB)
```

```
IDECLARE_NAT(VORUNTIME)
```

```
ODECLARE_JOB(V0J)
```

```
{
```

```
/* __LOCAL_VARIABLE_DECLARATIONS__ */
```

```
DECLARE_TIMES(V0TS2)
```

```
DECLARE_NAT(V0PTIME1)
```

```
DECLARE_TIMES(V0TS1)
```

```
DECLARE_NAT(V0PTIME)
```

```
DECLARE_TIMES(V0TS)
```

```
/* __ITERATION_VARIABLE_DECLARATIONS__ */
```

```
                /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
                /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
MOVETO_TIMES_JOB(V0JOB,V0TS)
GET_PROCESSTIME_TIMES(V0TS,V0PTIME,V0TS1)
ADD_NAT(V0PTIME,V0RUNTIME,V0PTIME1)
PUT_PROCESSTIME_TIMES(V0PTIME1,V0TS1,V0TS2)
UPTO_JOB_TIMES(V0TS2,*V0J)

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