

```
/*
```

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

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

```
: 1.6.0.0
```

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

```
OPERATION: IS_FINISHED
```

```
GENERATED: Tue Aug 25 16:55:38 2015
```

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

```
*/
```

```
#include "EVENTS.h"
```

```
#include "JOBS.h"
```

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

```
#include "SIMDB.h"
```

```
#include "READYQ.h"
```

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

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

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

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

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

```
fIS_FINISHED(V0SDB,
```

```
          V0FINISHED)
```

```
IDECLARE_SIMDB(V0SDB)
```

```
ODECLARE_BOOLEAN(V0FINISHED)
```

```
{
```

```
          /* __LOCAL_VARIABLE_DECLARATIONS__ */
```

```
DECLARE_EVENTS(V0EVENTS)
```

```
DECLARE_JOBS(V0READYJOBS)
```

```
DECLARE_BOOLEAN(V0EMPTYRQ)
```

```
DECLARE_BOOLEAN(V0EMPTYYES)
```

```
DECLARE_READYQ(V1_2)
```

```
        /* __ITERATION_VARIABLE_DECLARATIONS__ */
        /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
        /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
MOVETO_READYQ_SIMDB(V0SDB,V1_2)
MOVETO_JOBS_READYQ(V1_2,V0READYJOBS)
ISEMPTY_JOBS(V0READYJOBS,V0EMPTYRQ)
MOVETO_EVENTS_SIMDB(V0SDB,V0EVENTS)
ISEMPTY_EVENTS(V0EVENTS,V0EMPTYES)
AND_BOOLEAN(V0EMPTYES,V0EMPTYRQ,*V0FINISHED)

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