

/*

001-Generated C code for functional specification 'WILL_MACHINE_DO_JOB'

VERSION: 3.2.3.9 C-RAT

: 1.6.0.0

AUTHOR: Hamilton Technologies Inc. Copyright 1991-2015.

OPERATION: WILL_MACHINE_DO_JOB

GENERATED: Tue Aug 25 16:55:21 2015

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

*/

#include "STR.h"

#include "CAPABILITIES.h"

#include "JOBOPERATION.h"

#include "JOBPROCESS.h"

#include "BOOLEAN.h"

#include "MACHINE.h"

#include "JOB.h"

#include <stdio.h>

#include <math.h>

#include <errno.h>

#include "BOOLEAN.h"

#include "NAT.h"

fWILL_MACHINE_DO_JOB(V0JOB,V0MACH,
V0WILLDO)

IDECLARE_JOB(V0JOB)

IDECLARE_MACHINE(V0MACH)

ODECLARE_BOOLEAN(V0WILLDO)

{

/* __LOCAL_VARIABLE_DECLARATIONS__ */

DECLARE_STR(V0OPNM)

DECLARE_CAPABILITIES(V0CAPAS)

```

DECLARE_STR(V0MACHTYPE)
DECLARE_STR(V0JOBOPMACHTYPE)
DECLARE_JOBOPERATION(V0JOBOP)
DECLARE_JOBPROCESS(V0PROCESS)
DECLARE_BOOLEAN(D0D6)
        /* __ITERATION_VARIABLE_DECLARATIONS__ */
        /* __CONSTANT_DECLARATIONS_AND_ASSIGNMENTS__ */
NEWSTACK_TRACE_IDSC("WILL_MACHINE_DO_JOB");
        /* __FUNCTION_SOURCE_CODE_BEGINNING__ */
        MOVETO_JOBPROCESS_JOB(V0JOB,V0PROCESS)
        MOVETO_JOBPROCESS(V0PROCESS,V0JOBOP)
        MOVETO_MACHTYPE_JOBOPERATION(V0JOBOP,V0JOBOPMACHTYPE)
        MOVETO_MACHTYPE_MACHINE(V0MACH,V0MACHTYPE)
        NOCASEEQ_STR(V0JOBOPMACHTYPE,V0MACHTYPE,D0D6)
            if(D0D6<1)
{if(D0D6 == REJECT_BOOLEAN) {REJECT_TEST_BOOLEAN()}
    KF_BOOLEAN(V0JOBOP,*V0WILLDO)
}/*FALSE*/
else{/*SAME_MACHTYPE*/
    MOVETO_CAPABILITIES_MACHINE(V0MACH,V0CAPAS)
    MOVETO_NAME_JOBOPERATION(V0JOBOP,V0OPNM)
    fDOES_OP_MATCH_CAPABILITY(V0OPNM,V0CAPAS,V0WILLDO);
}/*TRUE*/
ENDSTACK_IDSC(); /* STR Garbage Collector */

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

```