

# JCL Locations

This subsection covers the following topics:

- Locations for the Original Master JCL
- Restrictions for Job Types
- Remote JCL Storage
- Symbol Replacement
- JCL Location PRC: BS2000/OSD DO Procedure
- JCL Frame for BS2000/OSD DO Procedure

## Locations for the Original Master JCL

**Entire Operations** offers a wide variety of possible locations for your original (master) job control.

The following types of physical storage for JCL can be defined in the JCL Location field of the Master Job Definition window:

JCL Location	Operating System	Description
(blank)	---	None (needs no JCL)
BS2	BS2000/OSD	SAM or ISAM file
LIB	OS/390	Librarian
LMS	BS2000/OSD	LMS library
NAT	---	Natural source
PDS	OS/390	Partitioned dataset (file)
PRC	BS2000/OSD	Callable procedure
RDR	VSE/ESA	VSE/ESA Reader Queue, for STC
VSE	VSE/ESA	VSE/ESA Sublib
TXT	UNIX	Text file

The NAT location is available everywhere. Other locations are restricted to the operating systems shown.

## Restrictions for Job Types

- NAT and MAC-type jobs **must** reside in the NAT location.
- DUM and CYC-type jobs **cannot** have a JCL location.

The existence of the defined JCL is tested during definition. If JCL cannot be found, a warning message appears in the Master Job Definition window.

## Remote JCL Storage

JCL can be stored on a different machine and even on a different operating system from the execution machine and execution operating system.

# Symbol Replacement

Simple symbol replacement is possible for all types of JCL locations.

## JCL Location PRC: BS2000/OSD DO Procedure

If this location is defined, **Entire Operations** generates a BS2000/OSD Enter job in the active JCL which invokes the procedure.

The following rules apply:

- The BS2000/OSD job name is taken from the **Entire Operations** job name. If the name is longer than 8 characters, it is abbreviated to 8.
- SDF statements (CALL-PROC) are used.
- The symbol table defined for the job must contain all DO procedure parameters. The symbol values are used for the procedure call.
- Positional and keyword parameters are supported.
- Number and names of the parameters are automatically taken from the procedure (PROC / BEGIN-PROC statement).

## JCL Frame for BS2000/OSD DO Procedure

- Special Statements
- Example

A user-defined JCL frame can be used for BS2000/OSD DO procedures. It must be stored with the name PRCFRAME in the SYSEOR library. If it cannot be found, a standard frame will be generated by **Entire Operations**.

### Special Statements

Statement	Explanation
#ESC-FRAME <c>	Defines the escape character for symbol replacement valid for the JCL frame. This statement must come first and is <b>required</b> .
#CALL-PROC	The procedure call (/CALL-PROC) is generated here.

### Example

```
#ESC-FRAME $
/.SN$P-RUN LOGON SN,1
/REMARK === PRC FRAME EXAMPLE
/REMARK $AAAA YYYYYYYYYYYYYY
#CALL-PROC
/STA L
$BBBB
/LOGOFF
```

**Notes:**

1. All symbols used by the JCL frame must be contained in the job's active symbol table. As usual, the active symbol table must also contain all symbols for the procedure call.
2. If a symbol does not exist, the job activation is cancelled.

