

Modifying Event Definition for BS2000/OSD Job

This section covers the following topics:

- Modifying an Event Definition
 - Example of a U-type Event
 - Example of a V-type Event
 - Adding or Modifying a Job Variable
 - Example of a J-type Event
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Modifying an Event Definition

To modify an existing event definition

1. Type **M** in the line command field of the selected event on the End-of-Job Checking and Actions screen.
2. Press Enter.
3. The Modify Event Definition window opens with the current values for the event. You can modify the values by overtyping them.
4. When you are finished defining the event, you can proceed as follows:
 - Press PF5 (Save) to save the modification.
 - Press PF3 (End) to close the window and return to the End-of-Job Checking and Actions screen.

Note:

The modify option (**M** line command) is available at the event level (job step) only.

See the following examples of U-type (user switch), V-type (job variable) and J-type (special event) event definitions and for examples of R-type (user routine) and S-type (string search) event definitions.

Example of a U-type Event

(BS2000/OSD)

```

18.11.01          *** Entire Operations 4.1.1 ***          09:54:07
Ow +-----+
Ne !
-- !              Add Event Definition                    ! ---
C !              BS2000                                  ! OA
_ !      Event Type ==> U R User Routine      J Job special event !
_ !              S String                      A Add. Job-ok, Job-not-ok !
_ !              U User Switch                !
_ !              V Job Variable                !
_ !
_ !      User Routine ==> _____ in NATURAL Library ==> _____ !
_ !
_ !      String ==> _____ missing ==> _ !
** !      in File ==> _____ ! ***
_ !              (Optional) Read Password ==> !
_ !
-- !      User Switch ==> 11 of BS2000 User ID ==> DC1_____ ! ---
A !
P !      Occurrence of event means OK or NOT OK ==> OK ! Rtn
!
Co ! Enter-PF1---PF2---PF3-----PF5-----PF12-- !
Ent !      Help Add End Save Menu ! ---
+-----+
    
```

Explanation:

The event is **ok** if user switch **11** of the BS2000/OSD user ID DC1 is **on** at job termination time.

Example of a V-type Event

- Field Descriptions: Event Definition

(BS2000/OSD)

```

18.11.01          *** Entire Operations 4.1.1 ***          10:06:01
Ow +-----+
Ne !
-- !              Add Event Definition                    ! ---
C !              BS2000                                  ! OA
_ !      Event Type ==> v R User Routine      J Job special event !
_ !      +-----+
_ !      !              Event Definition: Job Variable Checking ! !
_ !      !              BS2000                                  ! !
_ !      User !      If Contents of Job Variable                ! !
_ !      !      $DC1.JV.DEMO_____                            ! !
_ !      Strin !      at Position 10_ in Length 20_ with Format A ! !
** !      in Fi !      is EQ                                     ! ! ***
_ !      !      Result is 100_____                            ! !
_ !      !      _____                                      ! !
-- !      User !              (Optional) Read Password ==> ! ! ---
A !
P !      Occur !      The successful Check means OK or NOT OK ==> OK ! ! Rtn
!      !      Enter-PF1-----PF3-----PF5----- ! !
Co ! Enter- !      Help End Save ! !
Ent !      +-----+
+-----+
    
```

Explanation:

The event is **ok** if the job variable \$DC1.JV.DEMO contains:

```
Result is 100
```

at position **10** in length **20** in alphanumeric format.

Field Descriptions: Event Definition

Job Variable Checking - BS2000/OSD

Meaning of the input fields:

Field	Description	
Job Variable	Enter the name of a valid BS2000/OSD job variable. If the job variable is specified without an explicit user ID, the job default BS2000/OSD user ID is used as prefix. Symbol replacement is performed in the name, if the name contains the activation escape character at least once.	
at Position	Enter position of job variable substring to be checked. Possible values: 1 through 253 .	
in Length	Enter length of job variable substring to be checked. Possible values: 1 through 253 .	
with Format	Enter format in which the job variable substring is to be checked against the comparison string. Possible values:	
	A	alphanumeric
	N	numeric (zoned)
is xx	This is the comparison operator . Enter a logical operator for the comparison of the defined BS2000/OSD job variable substring against the comparison string below. Possible values:	
	= or EQ	Code is equal to specified value.
	>= or GE	Code is greater than or equal to specified value.
	> or GT	Code is greater than specified value.
	<= or LE	Code is lower than or equal to specified value.
	< or LT	Code is lower than specified value.
	!= or NE	Code is different from specified value.
(Comparison string)	Enter the string or field to be compared with the job variable substring. The strings are compared in the defined Format. The content of this field is compared with the substring of the job variable, or it is inserted into the substring of the job variable. The comparison is made in the defined format.	
(Optional) Read Password	If the job variable is read password-protected, specify the password here.	

Adding or Modifying a Job Variable

- Field Descriptions
- Special PF Keys

(BS2000/OSD)

 **To add or modify a job variable in BS2000/OSD**

1. Type **J** in the line command field of the selected event on the End-of-Job Checking and Actions screen. Press Enter.
2. The Job Variable Modification window opens with the current values. You can modify the values by overtyping them:

```

18.11.01          *** Entire Operations 4.1.1 ***          11:13:46
Owner   SN              End-Of-Job Checking + Actions   BS2000   Job HUGO
Network BS2-31                Run                   Date
-----
C Action      Step +-----+
_  C          U      !
_              !   JV TEST Check is ok                    !
_              X      !                   Job Variable Modification      !
J  J          !
_              !   Set Contents of Job Variable                !
_              !   $XYZ.HUGO_____!
_              !   at Position 10_ in Length 10_ with Format A          !
_              !   to_____!
*****          !   test_____!
_  J          U All  !   _____!
_              Any  !   (Optional) Write Password ==> ____!
-----          !
A Activation  C C !   Enter--PF1-----PF3-----PF5-----PF9-----!
P Descr. R Recove !           Help      End      Save      Delete      !
-----          +-----+
Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10---PF11---PF12---
      Help  Add   End   Save   Up    Down   Menu
    
```

If no job variable has been defined on job level, the fields in this window will be empty; you can set a job variable, by entering the values here. When you are finished setting or modifying the variable, you can proceed as follows:

3. Press PF5 (Save) to save the addition or modification.
4. Press PF3 (End) to close the window and return to the End-of-Job Checking and Actions screen.

Note:

Symbol replacement is performed in the name, if the name contains the activation escape character at least once.

Field Descriptions

Field	Description	
Job Variable	Enter the name of a valid BS2000/OSD job variable. If the job variable is specified without an explicit user ID, the job default BS2000/OSD user ID is used as prefix. Symbol replacement is performed in the name, if the name contains the activation escape character at least once.	
at Position	Enter position of job variable substring to be checked. Possible values: 1 through 253 .	
in Length	Enter length of job variable substring to be checked. Possible values: 1 through 253 .	
with Format	Enter format in which the job variable substring is to be checked against the comparison string. Possible values:	
	A	alphanumeric
	N	numeric (zoned)
to	Enter the string or field to be set as the job variable or as a substring of the job variable. Symbol replacement will be performed, if the field contains the activation escape character at least once.	
Write Password	If the job variable is write password-protected, specify the password here.	

Special PF Keys

You can perform the following function from the Job Variable Modification window using this PF key:

Key	Name	Function
PF9	Delete	Delete the complete job variable definition.

Example of a J-type Event

(BS2000/OSD)

This function enables you to define special events which could occur during job execution. When such an event occurs this **always** means **Job not ok**.

```

18.11.01          *** Entire Operations 4.1.1 ***          11:25:28
Ow +-----+
Ne !                                     !
-- !               Add Event Definition                    ! ---
C !                                     BS2000            ! OA
_ !   Event Type ==> J R User Routine      J Job special event !
_ !   +-----+ b-not-ok !
_ !   !                                     !
_ !   !               Event Definition: Special Event      !
_ !   !               BS2000                               !
_ !   User !                                     !
_ !   !   Event ==> ____ !
_ !   Strin !                                     ! ==> _ !
** !   in Fi !                                     ! _____ ! ***
_ !   !   The occurrence of this event always has the      ! ==> !
_ !   !   meaning 'Job not ok'.                             !
-- !   User !                                     !
A !   !   Enter-PF1-----PF3-----PF5----- !
P !   Occur !   Help      End      Save      !
!   +-----+
Co ! Enter-PF1---PF2---PF3-----PF5-----PF12-- !
Ent !   Help  Add  End      Save      Menu      ! ---
+-----+
    
```

Explanation:

JIR = Job execution interrupted.

This event occurs if an operating system abend or hardware failure occurs during job execution. This is always used when a job did not run on LOGOFF (job ended normally) or ABEND (job interrupted with error). The defined actions are performed after the start of the Monitor.