

EOJ Checking Defaults for Various Operating Systems

This section covers the following topics:

- OS/390 Defaults for Event Checking
 - VSE/ESA Defaults for Event Checking
 - BS2000/OSD Defaults for Event Checking
 - UNIX and Windows Defaults for Event Checking
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OS/390 Defaults for Event Checking

- Precedence of Event Checks

If no events are defined for a job, Entire Operations provides a default check of the return code type (for a **C-type** event):

- If a system code unequal to 0 (zero) has occurred at any job step, the job is evaluated as **not ok** if this event is not explicitly defined.

This also applies, if an event has occurred which has been defined using ANYSTEP.
The occurrence of such an event has the priority over definitions, which apply for any steps.

- It can be defined throughout the system, how the occurrence of the message **IEF201I job terminated** because of condition codes is treated (see Entire Operations Administration Documentation).

If it was defined there that this message shall not default to **not ok** as a consequence, then this is written to the log, the job set to the status **Job interrupted**, and the job is treated as **not ok**.

If this was not defined, then the occurrence of IEF201I in sysout has no consequences.

- If the message **IEF287I data set not cataloged** is received, it is written to the log and the job is treated as **not ok**.
- If a condition code or user code, which is not explicitly defined, is received at any job step, it is compared with the **highest value accepted as ok**. The job is **not ok** if the code is higher than this default. The job is also **not ok**, if no explicit check has returned an **ok**. For more information, see the subsection Entire Operations Defaults in the section System Administrator Services of the Entire Operations Administration Documentation.
- If a string defined in the Global Message Code Table is found anywhere in the sysout, its severity equivalent is compared with the **highest condition code value accepted as ok**. The job is **not ok** if the severity equivalent is higher than this default.
- Events like JCL error, Job not run, Job interrupted always produce the status **not ok**.
- In all other cases, the job is accepted as **ok**.

Precedence of Event Checks

- If a '/MAXCC' oder '/ANYSTEP' check has been defined, and this event occurs, no check is done on the **highest value accepted as still OK**.
- '/MAXCC' precedes '/ANYSTEP'.

VSE/ESA Defaults for Event Checking

- Date Formats in VSE/ESA Sysout

The same rules as for OS/390 defaults apply to VSE/ESA.

Note:

No system codes are available in the VSE/ESA operating system.

The following messages lead to a **not ok** status of the VSE/ESA job:

- PROGRAM ABEND
- ENDED ABNORMALLY
- OPERATOR CANCEL

Date Formats in VSE/ESA Sysout

In VSE/ESA sysout the following date formats are recognized and handled:

| | |
|------------------------|----------------------|
| American Format | MM/DD/YY, MM/DD/YYYY |
| European Format | DD/MM/YY, DD/MM/YYYY |

If a date contains a 2-digit year specification in sysout, then Entire Operations adds the century for further processing. In this case, a sliding window of + / - 50 years is applied.

BS2000/OSD Defaults for Event Checking

Entire Operations either uses a defined Monitor job variable for a job or creates its own job variable, if job variables are available.

- If the Monitor job variable displays an **abnormal end**, the job is **not ok**.
- By default, if defined message keys appear, the job is regarded as faulty and is set to **not ok**:

These message codes (see the Entire Operations Administration Documentation) are default settings which are in effect after the installation of Entire Operations. However, they can be deliberately adapted. It is possible to completely delete this table.

Please note each time this table is modified that possibly faulty jobs may not be set to **not ok** any longer.

This list can be changed.

- If messages like **program dump**, etc. appear in the sysout, the job is **not ok**.
- The Global Message Code Table is checked as described for OS/390, above.
- In all other cases, the job is accepted as **ok**.

UNIX and Windows Defaults for Event Checking

Entire Operations inserts start and end messages (EOR0301, EOR0302) in the sysout.

- If the end message is missing, the job is treated like an interrupted job.
- The Global Message Code Table is checked, as described for OS/390.
- If no special event checking was defined for a job (Unix and Windows), then the event is compared to a system-wide default value for Unix or Windows. Depending upon this check, the job result can be set to **not ok**.
- In all other cases, the job is accepted as **ok**.

