

# End-of-Job Checking

End-of-job checking refers to the process of how Entire Operations recognizes the job status on job completion.

This subsection covers the following topics:

- End-of-Job Checking and Actions
- Default Checking

For detailed information, see the section End-of-Job Checking and Actions in the Entire Operations User’s Guide.

## End-of-Job Checking and Actions

```

20.11.01          *** ENTIRE OPERATIONS ***          14:33:32
Owner   EXAMPLE          End-Of-Job Checking + Actions  MVS/ESA   Job JOB-02
Network E60-FLOW          Run          Date
-----
C Action      Step      will be checked for          means  OA
_   P         STEP1     Condition Code = C0000      ok
_                                     Occurrence of String Library full  not ok
_
_
_
_
_
_
***** Bottom of Data *****
_   C P         All Checks ok
_   PRS        Any Check not ok
-----
A Activation  C Cond.   D Delete   E Edit User Rtn  J Job Var   M Modify   O Other
P Descr.    R Recovery S Sysout  T Output Mgmt   U User Messages X Action User Rtn

Command => _____
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
      Help  Add   End       Save       Up       Down          Menu
    
```

When the job has just completed Entire Operations searches for the occurrence of user-defined events. Such an event can be any of the following:

- A return code is received in a specific job step;
- A return code is received in any job step;
- A string is found in the job protocol or output;
- A Natural user routine is executed which determines the end-of-job status by returning a certain condition code. This routine can:
  - examine the job protocol or output itself,
  - read data produced by the job,
  - perform system functions,
  - send messages.

## Default Checking

Depending on the operating system where the job was executed, Entire Operations performs some default checks to determine the job result. For OS/390 systems, for example, system abends or JCL errors will automatically be detected. These default checks will be executed for each job, regardless, whether specific user-defined checks were

requested for a job or not.

For detailed information, see the section EOJ Checking Defaults for Various Operating Systems in the Entire Operations User's Guide.