Active Database

This section covers the following topics:

- Introduction to Jobs and Active Data Bases
- Maintaining Active Job Networks and Individual Active Jobs

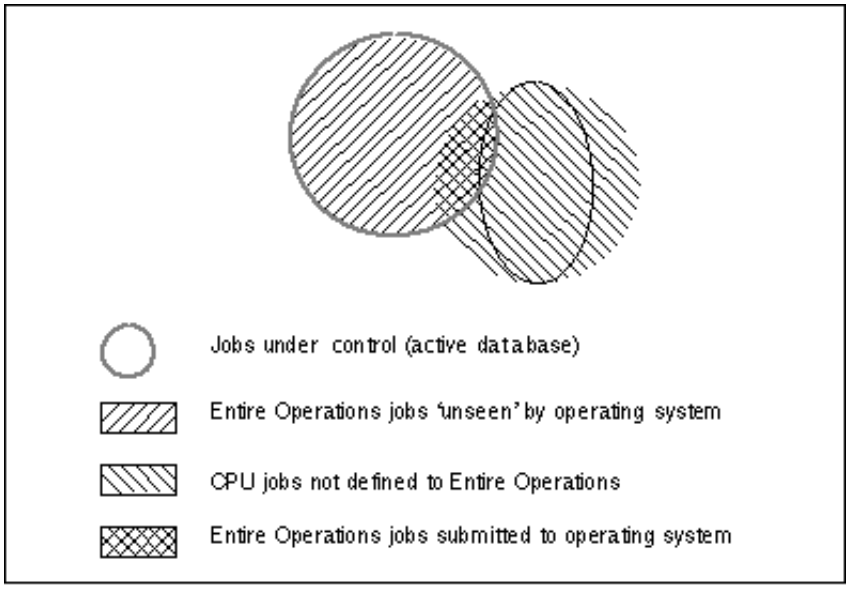
Introduction to Jobs and Active Data Bases

When Entire Operations activates a job network, a copy of the network defined in the master data base is made on the active data base and a run number assigned to it. Several copies of the same network can be in the active data base, each distinguished by its run number.

At this point, all jobs are ready for execution according to their dependencies. They are said to be ’in the active data base’. However, not all jobs in the active data base become operating system jobs: for example, dummy-type jobs or Natural programs are Entire Operations jobs which are not submitted to the operating system. As a result, we can distinguish between two groups of jobs in the computer center:

- **Jobs in the Entire Operations active data base** (including jobs not submitted to the operating system);
- **Operating system jobs** (including jobs not defined to Entire Operations).

Below is a graphic representation of these two groups:



The white circle contains all jobs under Entire Operations control. Entire Operations cannot control jobs that are not defined to it.

Jobs outside Entire Operations run on the computer unaffected and "unseen" by the Entire Operations Monitor. On the other hand, Entire Operations holds information on jobs that run ’unseen’ by the operating system.

The active data base is located on the Entire Operations active data base and contains all operational information of the current run of the activated job networks.

You can access the active data base to maintain active networks and jobs, including logical conditions, resources and scheduling parameters.

Maintaining Active Job Networks and Individual Active Jobs

The following subsections describe how you can maintain active job networks and individual active jobs.

- Maintaining Active Job Networks
- Maintaining Active Jobs
- Maintaining Active Conditions

