ABSTRACT

Mechanism for Dynamic Registration of Files in a Batch-Processing-Oriented Environment

To detect files which are generated unnecessarily or no longer required, and for reliable file versioning in a batch-processing-oriented environment, a dynamic batch processing system (100) is proposed. The system (100) includes a batch processing control component (12) to process batch processing control instructions (14), which include the call of at least one program, and a database (16) with files, each of which has a physical file name. The system (100) also includes a component (24) to provide program-related file definition information, which defines the files required for a program run by abstract selection criteria. In a file register (22), the physical file names of the files created for the program runs are registered in the form of register entries, which associate at least one selection attribute with each physical file name. A service component (20) communicating with the control component (12) has access to the file register (12) and the file definition component (24). The service component (20) selects and/or creates register entries on the basis of file definition information which is associated with the program to be called.