

Job Control Script

**A Sophisticated Job Execution Environment
Using a Common Language for Windows® and
UNIX®**

HITACHI
Inspire the Next

JP1^{Version}8 Job Management

Run batch jobs created in the Windows® environment using our scripting language on a mixed Windows® and UNIX® system. The ability to develop jobs on the PC using Basic-like commands greatly increases productivity even when creating complex batch jobs.

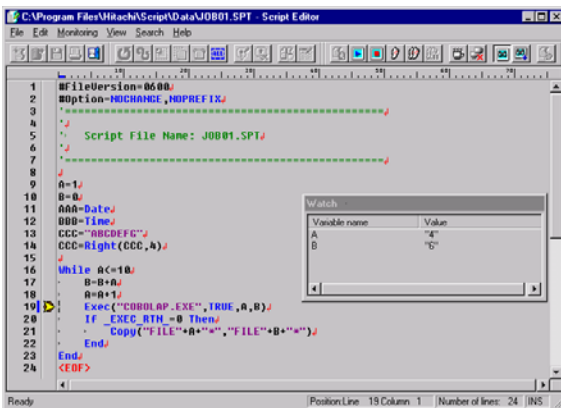
Features

Broad support for various jobs

The job control language (JP1/Script) provides an environment on either Windows® or UNIX® for executing advanced batch processing - an environment unavailable for conventional batch files.

Friendly user interface

JP1/Script creates a script file using commands that resemble the Basic language (a dedicated editor is provided as a standard feature). Also, the debugging load can be reduced by using the monitoring function.



```
1 #FileVersion=0600
2 #Option=NOCHANGE,NOPREFIX
3
4
5 * Script File Name: J0001.SPT
6
7
8
9 A=1
10 B=0
11 AAA=Date
12 BBB=Time
13 CCC="ABCDEFGG"
14 CCC=Right(CCC,4)
15
16 While A<=10
17   B=B+A
18   A=A+1
19   Exec("COBOLAP.EXE",TRUE,A,B)
20   If _EXEC_RTN_ = 0 Then
21     Copy("FILE"+A+*.*, "FILE"+B+*.*)
22   End
23 End
24 <EOF>
```

Variable name	Value
A	10
B	55

Debugging using Script Editor

Key Functions

Scripting language and definitions

- Provides an execution environment and over 130 different commands, including if statements, while statements, and the DeleteFile command.
- Program execution results can be obtained. The ability to determine which action to execute next allows you to flexibly link processes, including the automatic switching of programs.
- An application return-code check command and a dedicated command for file backup (ARCserve) are provided.

Batch-job utility (Windows® version only)

A wealth of features is available to support development, from the Simplified Input feature, to a host of other features to simplify editing/debugging, menu creation/execution, and more. Develop complex batch jobs with greater productivity.

Simplified Input

Use of JP1's Simplified Input function, which simplifies the input of commands and statements, allows for easy, errorless input even without knowledge of commands.

Edit and debug scripts using the editor

Commands and statements that were input using the Simplified Input function can be pasted into the Script Editor at the touch of a button. The Script Editor's monitoring function also makes debugging easier, by allowing you to observe a script's operations during execution.

Menu creation support

Create menu forms for the script files you have created. Use the test display feature to verify your menu forms.

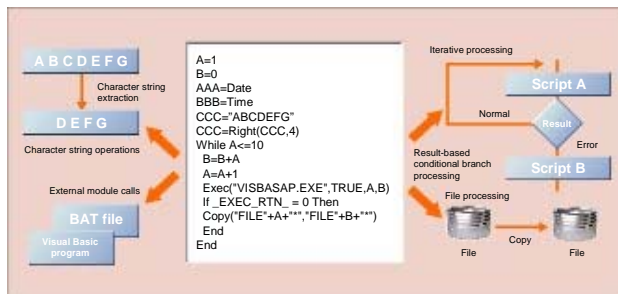
Script process monitoring and control

Use the Process Viewer to monitor and control scripts as they run.

Running scripts on Windows® and UNIX®

Run scripts created in the Windows® environment on UNIX®, without modifications. By supporting program startup control and file copying between UNIX® and Windows®, JP1/Script makes it possible to run a variety of jobs.

(Due to differences between the two platforms, some commands and parameters cannot be shared.)



Scripting language and definitions

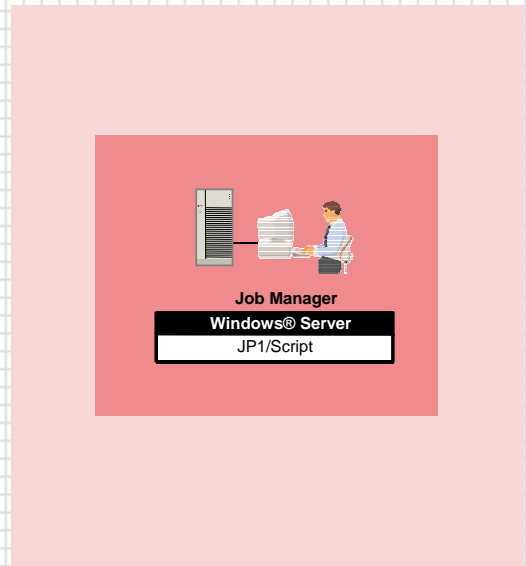
System Configuration Example

Executing a script in a stand-alone environment

- Create an advanced batch job execution environment using a created script file.

Configuration

- Job Manager: Windows® Server x 1

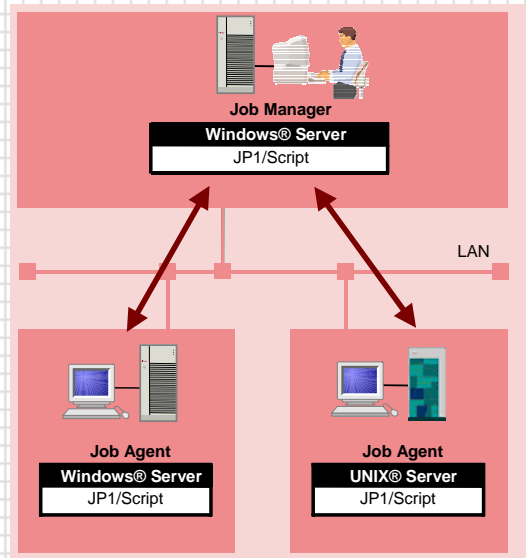


Executing a script in a distributed environment

- Create an advanced batch job execution environment using a created script file.
- Run distributed processing of a batch job by transferring the script file to the application agent on Windows® or UNIX®.

Configuration

- Job Manager: Windows® Server x 1
- Job Agent: Windows® Server x 1
UNIX® Server x 1



Inquiries about these products

Feel free to contact us regarding these products:

Information service

Further information about JP1 can be found online at:

<http://www.hitachi.co.jp/jp1-e>



JP1 is an acronym for Job Management Partner 1.

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