

# FAQ - Job Chains, Orders

## Pages

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- [Can a job chain be manually restarted at any job node after an error?](#)
- [Can execution of a job chain depend on the previous execution status of a job?](#)
- [Can JobScheduler use a file sink to rename and move files?](#)
- [Can JobScheduler use parameters when setting up file order source?](#)
- [How can I avoid two orders running at the same time in two different job chains?](#)
- [How can I generate new jobs and orders automatically?](#)
- [How can I manually run a standalone task that is shown as part of a job chain?](#)
- [How can I reset the order parameters with every new run of an order?](#)
- [How can I use variable directory names in file order source?](#)
- [How could we access the order object in job monitors?](#)
- [How do Job Chains work?](#)
- [How to embed double quotes in Job or Order Parameters?](#)
- [Is there a limit to the number of jobs in a job chain?](#)
- [Restoring enqueued orders and jobs in job chains](#)
- [What features are available to delay processing of jobs \(sleep/wake\)?](#)
- [When will changes to job chains become effective?](#)

## Navigation

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## Further Resources

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### How To ... Articles

- [How to add commands and scripts to JITL Jobs](#)
- [How to add environment variables for all jobs](#)
- [How to check output to stdout from an SSH job](#)
- [How to check whether a script is running after a suspend](#)
- [How to configure a generic PowerShell job](#)
- [How to configure the handling of exit codes by jobs](#)
- [How to Control Job Dependencies with Events](#)
- [How to create orders to run for specific business dates](#)
- [How to define and reference job chain node parameters](#)
- [How to dynamically assign JobScheduler Agents to a job](#)
- [How to dynamically specify a remote JobScheduler instance](#)
- [How to execute a Maven build with JobScheduler](#)
- [How to execute a PHP script with JobScheduler](#)
- [How to execute a PowerShell script with JobScheduler](#)
- [How to get the current PID on Windows](#)
- [How to get the PID of a task executed by a remote JobScheduler Agent](#)
- [How to handle errors in a job chain made up from shell jobs](#)
- [How to immediately start a job that is only to run once](#)
- [How to link jobs to custom documentation sources](#)
- [How to make sure a job step will kick off after file transmission is complete for large files](#)
- [How to manage assertions for job chain execution](#)
- [How to merge global variables into job and order parameters](#)
- [How to monitor a folder for more than one file name pattern](#)
- [How to pass arguments to a Java class](#)

- How to pass parameters between PowerShell scripts
- How to pass parameters from JobScheduler to a PowerShell script
- How to pass parameters to subsequent jobs in a job chain
- How to prevent a job starting when another job is running
- How to read stdout from a job and switch to a node depending on the occurrence of a specific string
- How to reschedule a stopped job
- How to run batch programs
- How to serialize jobs with locks before parallel execution
- How to set and read job and order parameters
- How to set conditions for skipping a job chain / part of a job chain
- How to set job and order parameters by substituting global variables
- How to set parameters in shell scripts and make them accessible to the next node in a job chain
- How to set the working directory for shell scripts
- How to specify parameters using the "on\_exit\_code" command
- How to start a job and delete a job after execution
- How to start and stop Windows services
- How to start Java JITL Jobs in a shell
- How to stop a job in error
- How to store job and order parameters in external files
- How to suppress execution dates in a schedule
- How to suspend an order after the max setback count has been reached
- How to use variables in managed database jobs
- How to wait for files and only execute jobs once the files have arrived
- How to wait for parallel predecessor jobs to finish
- Restoring enqueued orders and jobs in job chains

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## Examples

- Example for a generic shell job passing the shell script to execute as a job parameter
- Example for combining time and file-based events to start a job chain
- Example for control of the process flow of a job chain by exit codes
- Example for parallel execution
- Example for parallel execution in a job chain
- Example for setting up job chain dependencies
- Example for using node parameters in JITL Jobs
- Example showing creation of execution dependencies between job chains using events
- Example showing how to run a job chain with jobs that are to be run on different servers
- Example showing how to run parallel jobs in a job chain
- Example showing how to set up a splitter job
- Example showing how to set up a sync job
- Example showing synchronization between two job chains on different servers
- Example showing the synchronization of job chains by waiting for the execution of an order in another job chain
- Example showing the synchronization of multiple job chains
- Example with execution of a second job chain only if a specific job has ended successfully and first job chain is completed
- Example with execution of three job chains on two different servers synchronized by events

- [Example with parallel execution in different job chains and synchronisation](#)
- [Examples for the use of locks](#)
- [How to start Java JITL Jobs in a shell](#)

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## Troubleshooting

- [Order gets stuck in job chain from time to time](#)

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