

Job and order triggers

Introduction

JobScheduler jobs and orders can be started / triggered in a number of ways:

- Time events (for example from [Schedules](#) or date/time objects)
- Manually using the JobScheduler's web-based [JOC - JobScheduler Operations Center](#) Interface
- From run-time events - such as the completion of another job chain
- [Directory Monitoring and File Watching](#) events - for example, when a file is added to or deleted from a folder
- From another job via the [API Interface](#) and from another application via the [XML Interface](#)

Job activities can also be limited to time-slots:

- Jobs are would have to wait for a time-slot to become available, e.g. between 08:00am and 11:00am.
- JobScheduler supports any number of time-slots, which can be configured according to individual job requirements.

Start Times

- Jobs can be started when a predefined point in time has been reached: time of day, weekday, day of the month, a date relative to end of month etc.

Read more on this feature on the [Start Times](#) page and in the [Run Times](#) documentation.

Manual Job Start

- Manual job starts can be made using the [JOC - JobScheduler Operations Center](#).
- Jobs can be started manually from the [command line](#).

Start by Events

- Event driven job starts can be initiated by using the [XML Interface](#).
- Such events that are sent via TCP or UDP protocol.

Read more on this feature in the [Event Handling](#) section and in the [XML command documentation](#).

Directory Monitoring and File Watching

- Job starts can be triggered by [Directory Monitoring](#) - should changes in directories or the addition or deletion of files in directories occur.
- JobScheduler offers [File Watching](#) and will start jobs automatically for individual files arriving in a directory.

Read more on these features in the [directory monitoring](#) and [file orders](#) documents.

Start by API

- Program-controlled job starts can be made using the JobScheduler [API Interface](#) with a [Scripting](#) language and using the [XML Interface](#).
- Jobs can be started from the [command line](#).

Read more on this feature in the [internal API documentation](#) and in the [XML command documentation](#).

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See [Start Times](#) for more information.

Resources

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How To ... Articles

- [How to trigger a job or a job chain using events](#)

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Frequently Asked Questions

- [How can job dependencies be defined for the JobScheduler?](#)

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Examples in Detail

- [Example for combining time and file-based events to start a job chain](#)
- [Example showing creation of execution dependencies between job chains using events](#)

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