



Create a Workflow 



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# File System Watcher

## Operating Principles

The **File System Watcher** monitors a specific directory, and checks for changed files in an interval, which can be configured over the **Timer event**. A workflow is started for every added/changed/deleted file detected. When configuring the table watcher, the directory which should be watched is required.

## Configuration

To configure the file system watcher, you first need to set a **Timer event** as **Start event**. In the timer event configuration, you can now select the **FileSystemWatcher** under the **Custom Check Routine**. For the **Event type**, you can either choose **Added**, **Updated**, or **Deleted** depending on the operation which should be watched.

⚡ **Event handler definition**  
 Select the event source and define a condition if necessary. You can also specify the process context information which describes the process instance after the start.

Event configuration
Condition
Process context

**Configuration**

None

Business entity

**Timer event**

External event

Internal event (process link)

**Symbol**

Start:

✉

🕒

📄

⬆

↶

A

⏪

🏠

+

Start Non - interrupted:

✉

🕒

📄

⬆

A

🏠

+

**Time series**

**Interval**

Days:  🏠

Hours:  🏠

Minutes:  🏠

Seconds:  🏠

Target date

**Timer Event defined in timezo...**

(UTC+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna

**Custom check routine:**

FileSystemWatcher

Routine parameter

Return value binding

**Event type for custom check routine:**

Added

Updated

Deleted

**Timer event**

Timer events will trigger the process after the elapsed time. An additional check routine can be used for further execution decisions.

**Select business entity:**

Available business entities

Workflow Variables

Business Entity Fields

✔ OK
 ✖ Cancel

After that, the input parameters need to be configured. Select a business entity and click the **Routine parameter** button to open the dialog. If you would like to use a variable for the path, you now have all fields of the previously selected business entity available. But the path of the directory which should be watched can also be entered manually. In the configuration, you can also choose whether the file should be deleted after processing or not. If needed, the file can also be stored to a workflow variable for further process in the workflow.

Routine parameter



**Check routine - parameter binding**   
Periodically check for changed files in a directory.

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**Path:**  
◀Workflow Variables.<Path>▶  

Ignore (Create/Edit)-Date  
 Delete file after query

**File**

Don't load  
 Load as attachment  
 Load as Base64-String

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Confirm the configuration with clicking **OK**. Back in the Start event dialog, click **OK** once more and the file system watcher has been configured successfully.

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