Configuring

Running the Order Management sample workflows

The **OrderJobSample** and **OrderSample** workflows show how to process orders created from XML input files.

This simulation uses these objects and files:

- Workflows:
  - OrderJobSample
  - OrderSample
- Order property mapping: **OrderXMLSample**
- Input device: **OrderHotFolder**
  The input device has a pre-loaded sample order file. It submits the sample file to the OrderSample workflow for processing.

To run the Order Management sample workflows:

1. Click the **Main** tab.

2. In the **Printers** portlet, right-click the **Sample** printer and select **Enable**.

3. In the **Input Devices** portlet, right-click the **OrderHotFolder** input device and select **Enable and Connect**.
   A job named order.xml appears in the **Jobs** portlet.

4. The `order.xml` job goes through the **OrderSample** workflow to create one order and two jobs.
   The job contains the sample XML file used for identifying and mapping the orders and jobs based on a property mapping object.
   The **CreateOrdersFromFile** step uses the **OrderXMLSample** property mapping object to identify orders and jobs, then map the values of the XML elements in the XML order file to order and job properties.

> 🔽 Note:
> - This step only runs on the primary server. Do not tune it to run on an application or secondary server, including a local secondary server.

The table lists the properties that are set:

XML element (XPath expression)	Object type	Property
`/Orders/Order/ID`	Order	**Order name** (Order.name)
`/Orders/Order/OrderNumber`	Order	**External order reference** (Order.Reference)
`/Orders/Order/Customer`	Order	**Customer name** (Order.Customer)
`/Orders/Order/Notes`	Order	**Description** (Order.Description)
`/Orders/Order/quantity`	Order	**Copies** (Order.Copies)
`/Orders/Order/DueDate`	Order	**Due date** (Order.DueDate)
`/Orders/Order/OrderDetails/OrderDetail/ID`	Job	**Job name** (Job.Name)
`/Orders/Order/OrderDetails/OrderDetail/OrderType`	Job	**Custom 1** (Job.Info.Attr1)
`/Orders/Order/OrderDetails/OrderDetail/ProductName`	Job	**Custom 2** (Job.Info.Attr2)
`/Orders/Order/OrderDetails/OrderDetail/PrintFile`	Job	**Custom 3** (Job.Info.Attr3)
`/Orders/Order/OrderDetails/OrderDetail/PrintFile/@type`	Job	**Media** (Job.Media)

The step identifies one order with two jobs in it. It creates two jobs and submits the jobs to the **OrderJobSample** workflow. The **Orders** table displays one order containing two jobs.
The jobs start processing in the **OrderJobSample** workflow. When the jobs leave the **SetJobPropsFromTextFile** step:

- If the item has a printable product type, the workflow sends the job through the **Print Shop** branch.
- If the item does not have a printable product type, the workflow sends the job through the **Warehouse** branch.

Non-printable jobs go through the **ManualStepWithAutoStart** step in the **Warehouse** branch of the workflow. The jobs wait in that step until the jobs are ready to ship.
The **WaitForRelatedJobs** step holds each job contained in the order until all jobs from the order arrive at the step.

5. In the jobs table, right-click the job in **Manual** phase and select **Manual Complete**.
   The job moves to the **WaitForRelatedJobs** step.
   When both jobs reach the **WaitForRelatedJobs** step, the workflow sends all three jobs (the original order job, the non-printable job, and the printable job) to the **RetainCompletedJobs** step. The state of each job changes to **Retained**. The state of the order changes to **Complete**.

> ⊙ Note:
> - You must refresh the **Main** page to see a change to the jobs state in the **Orders** table.

6. In the Jobs table, right-click the printable job and select **View**.
   The viewer displays the PDF file that was printed as part of the order.

Parent topic: [Configuring to receive orders](#)