Configuring

Running the sample workflow for managing output preferences

The **PreferencesSample** workflow for applying processing preferences to jobs illustrates how to use a preferences file to control multichannel delivery. The **PreferencesSample** workflow creates three child jobs each of which processes documents differently based on the value of the **Output type** property.

The sample objects and files used in this workflow include:
- Workflow: PreferencesSample
- Sample input device: PreferencesFolder
- Sample document property mapping object: DocumentDelimitedSample
- Sample PDF file: `/aiw/aiw1/testfiles/DemoPref.pdf`
- Sample PDF file:
- Sample PDF control file: `/aiw/aiw1/testfiles/DemoPref.ctl`
- Sample PDF control file:
- Sample preferences file: `/aiw/aiw1/testfiles/pref/preferences.csv`
- Sample preferences file:

This sample workflow includes an **ApplyPreferences** step. The **ApplyPreferences** step uses the **DocumentDelimitedSample** document property mapping object to map values from the preferences file to values in the document properties file. These values are then used to determine which output method is used for each document. One of the properties set by the **ApplyPreferences** step is the **Output type** property for each document.
The **GroupDocuments** step organizes the documents based on the **Output type** property. Based on the groupings identified, the **CreateJobsFromDocuments** step generates child jobs. The child jobs are resubmitted to the original workflow and follow the child job branch out of the **SetJobPropsfromTextFile** step. The child jobs move through their respective print, email, and suppression branches until processing is finished and all of the jobs, the parent job and both child jobs, are completed.

To run the sample workflow:

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 **PreferencesFolder** hot folder input device and select **Enable and Connect**.

4. The parent job waits in the **WaitForRelatedJobs** step until all the child jobs reach the same step and then finishes.
   The child jobs for Print and Suppress also process as far as the **WaitForRelatedJobs** step. The Email child job stops at the **CheckEmailSettings** step, and goes into the **Manual, working** state. If you configured RICOH ProcessDirector to send email using an SMTP server, use the **Manual complete** action to move the child job to the next step.
   If you have not configured RICOH ProcessDirector to send email, you can delete the child job from the Jobs table and let the rest of the job complete.
   You can see the parent job and the child jobs in the **Jobs** table. You can select the separate child jobs and click **View** to see the documents produced by each child job.

Parent topic: Setting up the Preference Management feature