Creating a rule that creates jobs based on XML data

Create a job that receives an XML file via a hot folder, creates a new job using information from the XML file, and then moves the XML file to the new job.

1. Create a new job named `Funnel`, which receives the XML files and creates the new jobs based on the XML files.
2. While you are in the `Funnel` job, create a new rule set, and start it with the **Job Hot Folder Drop** event.
3. Add the **Read XML** action, and set the following parameters:

Parameter	Setting
Schema Name	**General** > **MySchema**
File	Item (File)
Validate	True

This stores the data from the XML file so that you can use the data for actions later in the rule.

4. Add the **Create Job** action, and set the following parameters:

Parameter	Setting
New Job Name	**XML Data (MySchema)** > **JobName**
Job Group	MyGroup
Template Job	Template
Create from Template Job Options	Rules

This creates a new job, copies the rule set from the **Template** job to the new job, and enables the rule set.
Note: If you do not set **Job group**, you must set **Job Home Share**.

5. Add the **Copy or Move Files** action, and set the following parameters:

Parameter	Setting
Files to move	**Root Event (Job Hot Folder Dropped)** > **UNC File Paths**
Destination Directory	**Job** > **Home** > **Path Name**
Do move	True

This moves all files from the `HotFolders\Processed` folder at job home of the `Funnel` job to the job home of the newly created job.
Tip: You can move the file into the `UserDefinedFolders` folder inside the job folder. You can also move it into a specific subfolder that you define in Prinergy Administrator.

6. Add the **Send Remote Trigger** action, and set the following parameters:

Parameter	Setting
Destination Machine	**Previous Event (Job Created)** > **Job** > **Home** > **Server Name**
Destination Context	**Previous Event (Job Created)** > **Job** > **Job Name**
Rule Set Path	ProcessJob
Additional Properties: String 1	`%triggerEvent.Previous.Job.Home.PathName%%triggerEvent.Previous.Previous.IntentFile.FileName%`

String1 is the combination of **Previous Event (Job Created)** > **Job** > **Home** > **Path Name** followed by a slash and then **Previous Event (Job Created)** > **Previous Event (XML Parsed OK)** > **File** > **File Name**.

This selects the job that was just created and identifies the location of the XML file to the rule set that processes the new job.

7. Save the rule set with the name `Funnel`.
8. Enable the rule set for the `Funnel` job.
9. In the `Funnel` job:
    a. Create a folder that will become the hot folder.
    b. Add a hot folder and set it to process the Funnel rule set.
10. Test the system by dropping an XML file into the hot folder.