

Hotfolder - Jobticket Documentation



To integrate the Durst Workflow into your existing IT environment, you can use an XML-based interface. This article describes the available options.



Durst Workflow 1.8.2 Update: We've added the attribute to define an Impose Template and it's now possible to use more than one print item.



Durst Workflow 1.15.0 Update: We've added attributes to define a Fixup Chain and a Fixup with its Fixup Template.

Specifications for the PMS Hotfolder XML Jobticket:

1. XML Jobticket Format (from 1.15.0)

<HotfolderJob>

<ProductionJob name="Production Job with 4 Items" externalId="EXT123" comment="A comment" leadIn="2" leadOut="3" shippingDate="2023-07-07" productionDate="2022-10-08">

<ImposeTemplate internalName="NESTING_TEMPLATE_1"/>

<Cutter internalName="FOTOBA_1">

<CutterParameterSet internalName="FOTOBA_1_FOTOBA_DIGITRIM_SERIES_1"/>

</Cutter>

<PrintItem name="Print Item 1" unit="inch" width="35.0" height="202.0" numberOfCopies="10" pages="1" url="smb://127.0.0.34/files/file1.pdf">

<FixupChain automationKey="THIS_IS_A_FIXUP_CHAIN"/>

<Fixup automationKey="ROTATE_AND_MIRROR_PAGE" templateGuid="87e31387-ee80-4027-b356-

```

1c09e0d8c33c"/>
  </PrintItem>

  <PrintItem name="Print Item 2" unit="mm" width="350.0" height="2020.0" numberOfCopies="20" pages="2"
url="https://example.com/files/file2.pdf" windingType="OUTSIDE" orientation="TOP">
    <Fixup automationKey="ROTATE_AND_MIRROR_PAGE" templateGuid="87e31387-ee80-4027-b356-
1c09e0d8c33c"/>
  </PrintItem>

  <PrintItem name="Print Item 3" unit="inch" width="20.0" height="20.0" numberOfCopies="30" pages="1"
url="https://example.com/files/file3.pdf" cutContourSpotColor="FORM">
    <FixupChain automationKey="HOTFOLDER_CLEMENS_CHAIN"/>
  </PrintItem>

  <PrintItem name="Print Item 4 " unit="mm" width="350.0" height="2020.0" numberOfCopies="40" pages="3"
url="http://example.com/files/file2.pdf" windingType="OUTSIDE" orientation="BOTTOM">
    <Fixup automationKey="ROTATE_AND_MIRROR_PAGE" templateGuid="87e31387-ee80-4027-b356-
1c09e0d8c33c"/>
    <ColorCorrection internalName="HIGH_CONTRAST"/>
  </PrintItem>

</ProductionJob>

</HotfolderJob>

```

2. XML Jobticket Format (from 1.8.2)

```

<HotfolderJob>
  <ProductionJob name="Name of the Production Job" comment="A comment" externalId="EXT123" leadIn="2"
leadOut="3" shippingDate="2021-12-01" productionDate="2019-02-28">
    <ImposeTemplate internalName="NESTING_TEMPLATE_1"/>
    <Cutter internalName="FOTOBA_1">
      <CutterParameterSet internalName="FOTOBA_1_FOTOBA_DIGITRIM_SERIES_1"/>
    </Cutter>
  </ProductionJob>
</HotfolderJob>

```

```

    <PrintItem name="PrintItem 1" comment="This is the first Item" width="350.0" height="2020.0" unit="mm"
pages="1" numberOfCopies="13" url="file:/path/to/pdf/sample_file1.pdf" windingType="OUTSIDE" orientation="TOP">
    </PrintItem>

    <PrintItem name="Print Item 2" comment="This is the second Item" width="25.0" height="15.0" unit="inch"
pages="1" numberOfCopies="4" url="file:/path/to/pdf/sample_file2.pdf" cutContourSpotColor="FORM">
        <Fixup automationKey="FLIP_PAGE"/>
        <Fixup automationKey="CONVERT_TO_GRAYSCALE"/>
    </PrintItem>

    <PrintItem name="Print Item 3" comment="This is the third Item" pages="3" numberOfCopies="1"
url="file:/path/to/pdf/sample_file3.pdf">
        <ColorCorrection internalName="REDUCE_MIDTONES_13"/>
        <ColorCorrection internalName="HIGH_CONTRAST"/>
    </PrintItem>

</ProductionJob>

</HotfolderJob>

```

3. XML Jobticket Format (before 1.8.2)

```

<HotfolderJob>

    <ProductionJob name="prod_job_name" comment="test comment" externalId="CERM_1" leadIn="2" leadOut="3"
shippingDate="2019-03-01" productionDate="2019-02-28">

        <ColorCorrection internalName="INCREASE_MIDTONES_3"/>
        <Cutter internalName="SPARTANICS">
            <CutterParameterSet internalName="EXTRACT"/>
        </Cutter>

        <PrintItem name="print_item_name" comment="print item info" cutContourSpotColor="Die" width="11.8"
height="15.75" unit="inch" pages="2" numberOfCopies="5" url="file:/path/to/pdf/sample_file.pdf"
windingType="INSIDE" orientation="TOP">
            <Fixup automationKey="FLIP_PAGE"/>
            <Fixup automationKey="CONVERT_TO_GRAYSCALE"/>
        </PrintItem>
    </ProductionJob>
</HotfolderJob>

```

```
</PrintItem>
```

```
</ProductionJob>
```

```
</HotfolderJob>
```

4. Description of the XML attributes

4.1. Production Job

name `STRING`

comment `STRING`

externalID `STRING`

leadIn `INTEGER`

leadOut `INTEGER`

productionDate `DATE`

ISO Format: *yyyy-mm-dd*, with optional Timestamp: *yyyy-mm-ddThh:mm:ss*

shippingDate `DATE`

ISO Format: *yyyy-mm-dd*

4.2. Print Item

url `STRING`

Paths must be written with this formatting: *file:/pathsegment_1/pathsegment_2/pathsegment_.../name_of-PDF.pdf*

- *file:/* for local files
- *smb://* for files stored on a network share (credentials need to be stored in Durst Workflow [File Management](#))
- *http(s)://* for files stored on a webserver/fileserver

pages `INTEGER`

numberOfCopies `INTEGER`

width `NUMBER`

Decimal places are determined using »,« (Point) separated

height `NUMBER`

Decimal places are determined using »,« (Point) separated

unit `STRING`

possible values are: *mm* | *inch* | *pt*

cutContourSpotColor `STRING`

Spot Colors must be defined in the Workflow as CutContours (Edit Spot Color Definition)

windingType `STRING`

possible values are: *OUTSIDE* | *INSIDE*

orientation `STRING`

possible values are: *TOP* | *BOTTOM* | *LEFT* | *RIGHT*

4.3. PDF Corrections

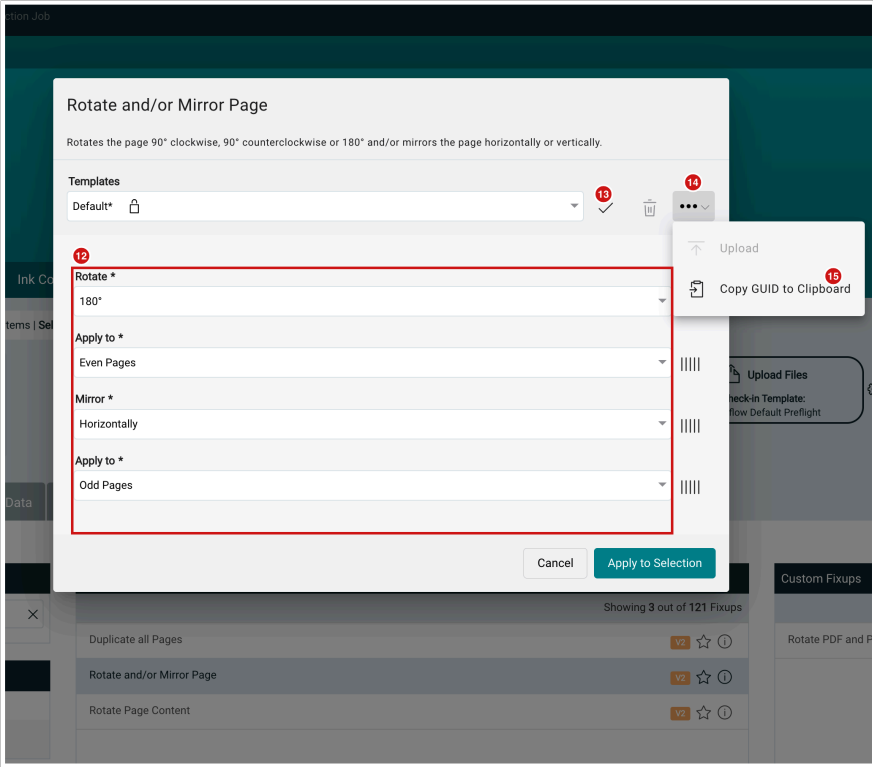
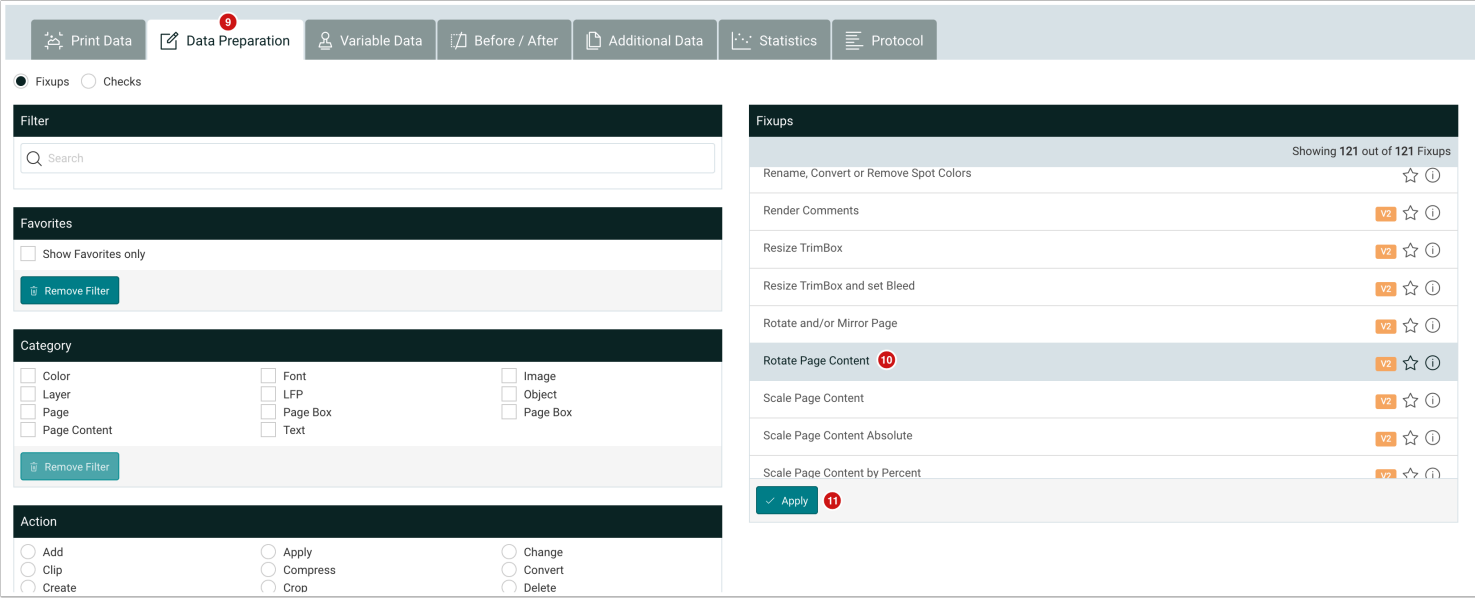
automationKey `STRING` (Fixup)

The names can be found under the **Master Data (kfx profiles)** or from the tooltip of the selected Correction.

templateGuid `[9] STRING`

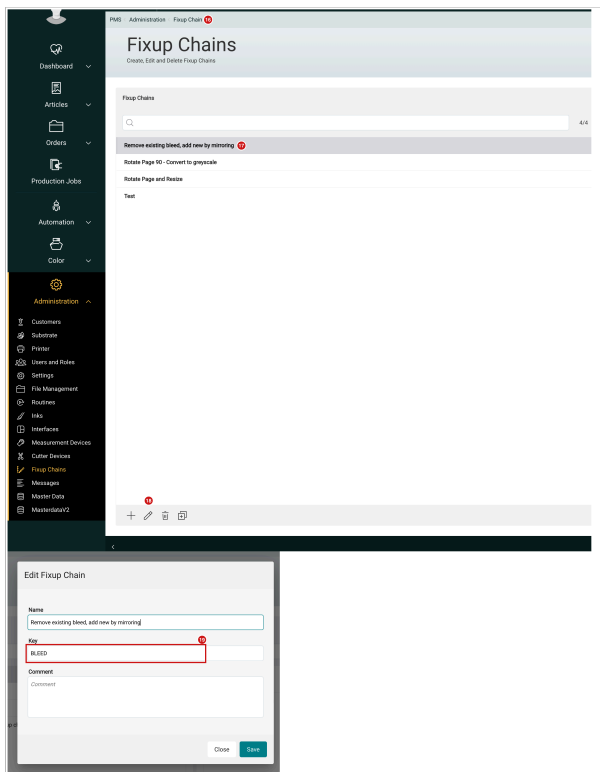
a 36 digit guid: e.g. *87e31387-ee80-4027-b356-1c09e0d8c33c*

The guid can be derived from any **Data Correction** Tab by creating and saving a Template



automationKey `STRING` [16] (FixupChain)

The automationKey can be derived from *Administration > Fixup Chains > Fixup Chain*



4.4. Color Corrections

ColorCorrection internalName `STRING`

The names can be found under the *Master Data: Table: Color Correction; Column: InternalName*.

4.5. Cutting Devices

Cutter internalName [4] `STRING`

Use the values set under *Administration > Cutter Devices > Devices*

PMS < Administration < Cutter Devices 1

Cutter Devices

Create, Edit, Update and Delete Cutter Devices

Devices

Bullmer
BULLMER_BULLMER_CUTCENTER_1

Esko Kongsberg
ESKO_KONGSBERG_1

MCT MCT Laser Cutter
MCT_MCT_LASER_CUTTER_1

SEI Sei Labelmaster
SEL_SEI_LABELMASTER_2

Spartanics Spartanics Cutter
SPARTANICS_SPARTANICS_CUTTER_1 2

Zünd Zünd CutCenter
ZUND_ZUND_CUTCENTER_1

+ New

Edit 3

Delete

Edit Cutter

Name * 4

Spartanics Cutter

Internal Name: SPARTANICS_CUTTER_1

Serial Number

Cancel

Save

CutterParameterSet internalName [9] STRING

Use the values set under Administration > Cutter Devices > Parameter Sets

PMS < Administration < Cutter Devices 5

Cutter Devices

Create, Edit, Update and Delete Cutter Devices

Devices

Bullmer
BULLMER_BULLMER_CUTCENTER_1

Esko Kongsberg
ESKO_KONGSBERG_1

MCT MCT Laser Cutter
MCT_MCT_LASER_CUTTER_1

SEI Sei Labelmaster
SEL_SEI_LABELMASTER_2

Spartanics Spartanics Cutter
SPARTANICS_SPARTANICS_CUTTER_1 6

Zünd Zünd CutCenter
ZUND_ZUND_CUTCENTER_1

+ New

Edit

Delete

Parameter Sets

Default Set (Extract)
Created within wizard
Default_Set_Extract_0 7

illustrator
Default_Set_Extract_1

+ New

Edit 8

Delete

Set as Default

Edit Cutter Parameter Set

Cutter Parameter Set Spartanics Spartanics Cutter

Name 9

Default Set (Extract)

Internal Name: Default_Set_Extract_0

Comment

Created within wizard

Cancel

Save

4.6. Impose Template

Impose Template STRING

The names can be found under the *Master Data: Table: Impose Template; Column: Internal Name*.