

Sample XSLTs with the required fields

If you are setting up for MIS data retrieval, specific XSLT fields are required for different layout types such as step-and-repeat and die-based layouts.

Note: All units are provided in points by default. You can set the units of ShopMap resources directly in the schema to inches (in.), millimeters (mm), or centimeters (cm). The units of other parameters must be manually converted by adding math operations to the XSLT file. For example, add $*72$ to convert from inches to points.

You can use Stylus Studio software to create XSLT files. Find the procedure [here](#).

Required XSLT fields for unpopulated step-and-repeat jobs

An unpopulated step-and-repeat job must include the following fields:

- Job/jobName
- Job/jobType: can be hard-coded to the name of the layout ticket in the PLA software
- Job/layoutName: can be hard-coded to Layout
- Job/Shopmap/PressSheet/Width
- Job/Shopmap/PressSheet/Height
- Job/StepRepeatList/StepRepeat/cols
- Job/StepRepeatList/StepRepeat/rows
- Job/StepRepeatList/StepRepeat/name: hard-code to SR1
- Job/StepRepeatList/StepRepeat/id: hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/ StepRepeatArtwork/scaleX : hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork/scaleY : hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork /dummyWidth
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork /dummyHeight

Sample XML and XSLT files: unpopulated step and repeat

Start with an XML file such as the following:

```
<?xml version="1.0" encoding="UTF-8"?>
<Job xmlns:xsi="http://www.kodak.com
xsi:noNamespaceSchemaLocation="http://
www.kodak.com">
  <Info JobName="MIS-0001"/>
  <Prepress ArtworkWidth="19.125"
ArtworkHeight="15.5"/>
  <Stripping Around="1" Across="3"/>
  <Plate Width="57.375" Height="15.5"/>
</Job>
```

Create an XSLT file using XSLT editing software such as Stylus Studio:

```
< ?xml version='1.0'?>
<xsl:stylesheetversion="1.0"xmlns:xsl="http:
//www.w3.org/1999/XSL/
Transform">
  <xsl:templatematch="/">
    <JobjobType="Demo"layoutName="Layout">
      <xsl:attributename="jobName">
        <xsl:value-ofselect="Job/Info/
@JobName"/>
      </xsl:attribute>
      <StepRepeatList>
        <StepRepeatname="SR1"id="1">
          <xsl:attributename="cols">
            <xsl:value-ofselect="Job/
Stripping/@Across"/>
          </xsl:attribute>
          <xsl:attributename="rows">
            <xsl:value-ofselect="Job/
Stripping/@Around"/>
          </xsl:attribute>
          <StepRepeatArtworkList>
            <StepRepeatArtwork scaleX="1"
scaleY="1">
```

```

<xsl:attributename="dummyHeight">
    <xsl:value-ofselect="Job/
Prepress/@ArtworkHeight *72"/>
    </xsl:attribute>

<xsl:attributename="dummyWidth">
    <xsl:value-ofselect="Job/
Prepress/@ArtworkWidth*72"/>
    </xsl:attribute>
    </StepRepeatArtwork>
    </StepRepeatArtworkList>
    </StepRepeat>
</StepRepeatList>
<Shopmap>
    <PressSheetunit="in">
        <xsl:attributename="height">
            <xsl:value-ofselect="Job/Plate/
@Height"/>
        </xsl:attribute>
        <xsl:attributename="width">
            <xsl:value-ofselect="Job/Plate/
@Width"/>
        </xsl:attribute>
    </PressSheet>
</Shopmap>
</Job>
</xsl:template>
</xsl:stylesheet>

```

Required XSLT fields for populated step-and-repeat jobs

A populated step-and-repeat job must include the following fields:

- Job/jobName
- Job/jobType: can be hard-coded to the name of the layout ticket in the PLA software
- Job/layoutName: can be hard-coded to Layout
- Job/Shopmap/PressSheet/Width
- Job/Shopmap/PressSheet/Height
- Job/StepRepeatList/StepRepeat/cols
- Job/StepRepeatList/StepRepeat/rows
- Job/StepRepeatList/StepRepeat/name: hard-code to SR1
- Job/StepRepeatList/StepRepeat/id: hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork/ownerID : hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork/scaleX : hard-code to 1
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork/scaleY : hard-code to 1
- Job/ArtworkList/Artwork/Name

- Job/ArtworkList/Artwork/id: hard-code to 2
- Job/StepRepeatList/StepRepeat/StepRepeatArtworkList/StepRepeatArtwork/referenceId: hard-code to 2

Sample XML and XSLT files: populated step and repeat jobs

Start with an XML file such as the following:

```
<?xml version="1.0" encoding="UTF-8"?>
<Job xmlns:xsi="http://www.kodak.com
xsi:noNamespaceSchemaLocation="http://
www.kodak.com">
  <Info JobName="MIS-0002"/>
  <Prepress Artwork="\\PrinergyServer
\LayoutAutomationSample\
Resources\Hungry Cat Label\Hungry Cat
Label 1.pdf"/>
  <Stripping Around="1" Across="3"/>
  <Plate Width="57.375" Height="15.5"/>
</Job>
```

Create an XSLT file using XSLT editing software such as Stylus Studio:

```
< ?xml version='1.0'?>
<xsl:stylesheetversion="1.0"xmlns:xsl="http:
//www.w3.org/1999/XSL/
Transform">
  <xsl:templatematch="/">
    <JobjobType="Demo"layoutName="Layout">
      <xsl:attributename="jobName">
        <xsl:value-ofselect="Job/Info/
@JobName"/>
      </xsl:attribute>
      <ArtworkList>
        <Artworkid="2">
          <Name>
            <xsl:value-ofselect="Job/
Prepress/@Artwork"/>
          </Name>
        </Artwork>
      </ArtworkList>
      <StepRepeatList>
        <StepRepeatid="1"name="SR1">
          <xsl:attributename="cols">
            <xsl:value-ofselect="Job/
Stripping/@Across"/>
          </xsl:attribute>
          <xsl:attributename="rows">
            <xsl:value-ofselect="Job/
Stripping/@Around"/>
          </xsl:attribute>
          <StepRepeatArtworkList>
```

```

<StepRepeatArtworkownerId="1"referenceId="2"
scaleX="1"
    scaleY="1"/>
  </StepRepeatArtworkList>
</StepRepeat>
</StepRepeatList>
<Shopmap>
  <PressSheetunit="in">
    <xsl:attributename="height">
      <xsl:value-ofselect="Job/Plate/
@Height"/>
    </xsl:attribute>
    <xsl:attributename="width">
      <xsl:value-ofselect="Job/Plate/
@Width"/>
    </xsl:attribute>
  </PressSheet>
</Shopmap>
</Job>
</xsl:template>
</xsl:stylesheet>

```

Required XSLT fields for a die-based layout

A die-based layout must include the following fields:

- Job/jobName
- Job/jobType: can be hard-coded to the name of the layout ticket in the PLA software
- Job/layoutName: can be hard-coded to Layout
- Job/Shopmap/PressSheet/Width
- Job/Shopmap/PressSheet/Height
- Job/ArtworkList/Artwork/Name
- Job/Die/Name

Sample XML and XSLT files: die-based layout

Start with an XML file such as the following:

```
<?xml version="1.0" encoding="UTF-8"?>
<Job xmlns:xsi=http://www.kodak.com
xsi:noNamespaceSchemaLocation="http://www.kodak.com">
  <Info JobName="MIS-0003"/>
  <Prepress Artwork="\\PrinergyServer
\LayoutAutomationSample\
Resources\Hungry Cat Carton\Hungry Cat
Carton 1.pdf"/>
  <Die DieFile="\\PrinergyServer
\LayoutAutomationSample\Resources\
Hungry Cat Carton\Hungry Cat Carton.CF2"/>
  <Plate Width="40" Height="30"/>
</Job>
```

Create an XSLT file using XSLT editing software such as Stylus Studio:

```

< ?xml version='1.0'?>
<xsl:stylesheetversion="1.0"xmlns:xsl="http:
//www.w3.org/1999/XSL/
Transform">
  <xsl:templatematch="/">
    <JobjobType="Demo"layoutName="Layout">
      <xsl:attributename="jobName">
        <xsl:value-ofselect="Job/Info/
@JobName"/>
      </xsl:attribute>
      <ArtworkList>
        <Artwork>
          <Name>
            <xsl:value-ofselect="Job/
Prepress/@Artwork"/>
          </Name>
        </Artwork>
      </ArtworkList>
      <Die>
        <Name>
          <xsl:value-ofselect="Job/Die/
@DieFile"/>
        </Name>
      </Die>
      <Shopmap>
        <PressSheetunit="in">
          <xsl:attributename="height">
            <xsl:value-ofselect="Job/Plate/
@Height"/>
          </xsl:attribute>
          <xsl:attributename="width">
            <xsl:value-ofselect="Job/Plate/
@Width"/>
          </xsl:attribute>
        </PressSheet>
      </Shopmap>
    </Job>
  </xsl:template>
</xsl:stylesheet>

```