Imp XML Bundle

Description

Imp XML Bundle has two apps – *Imp XML Creator* & *Imp XML Merger*.

Imp XML Creator app can generate Imp compatible XML files containing job definition of a single job from an input PDF, JDF, XML, XMP, CSV and TXT files.

Imp XML Merger app combines multiple such XML files into a single XML file to create a ganged project in Imp software.

These two apps simplify creating XML files for unmanned imposition and ganging using Imp-Flow software.

Compatibility

Switch 2020 fall and higher.

Connections

Input: PDF / JDF / XML / XMP / CSV / TXT

Output: Imp's Print Product XML

Imp XML Creator Properties

The following are the product properties:

Attribute	Type	Description
ID	TEXT	ID for this product. It can be any text less than 64 characters
DueDate		Date in the YYYY-MM-DD format
Copies	NUMBER	The number of copies of this product that must be shipped to the customer.
ProductType	TEXT	The type of the product. Must be a value from the list of values entered as possible values for Product Type field in preferences dialog of Imp. When a product is created for the purpose of ganging, it is recommended that this value is set to "Gang".
CustomerID	TEXT	This field is valid only when customer database is setup, in which case the value must be one of the values from the first column of *customers.csv* file.

The following are the properties common for bound and unbound components:

Attribute	Type	Description
Component name	TEXT	The name given for this component. This will be picked up from the job's proper name
Material grade	TEXT	Name of the grade. Material definition with matching Grade.
Material weight / thickness	TEXT	Paper weight of the selected material. Regions where gsm (grams per square meter) is the unit for paper weight, expected format is: **120gsm** Regions where basis weight is the measure used for paper weight, expected format is: **80# Cover** In case of Material defined by Thickness, the expected format is 0.2mm or 0.2in as defined in Imp
Paper mill	TEXT	Only those sheets or reel sizes whose mill name starts with the text provided at this attribute will be considered while planning this component. Skip this or set to empty text if the component can be planned across any paper mill/brand.
Grain direction	TEXT	Possible values are "Horizontal", "Vertical", "EitherButConsistent" & "Either" Default value is "EitherButConsistent"
Page width	NUMBER	Trim width of the job in mm
Page height	NUMBER	Trim height of the job in mm
Do not gang	TRUE/FALSE	Yes/No. Default value is No. If this value is set to "Yes", this job will be placed on its own layout and will not be ganged with other jobs while auto planning.
Print quality	NUMBER	Value within the range 0-2. 0 = Low, 1 = Normal, 2 = High. Higher number means better quality. Default is 1 (Normal)
Priority	NUMBER	Value within the range 0-2. 0 = Normal, 1 = High, 2 = Urgent. Default is 0 (Normal).
Group	TEXT	Any text, not longer than 64 characters. While ganging, Imp can ensure that all the components with the same value for this attribute are grouped together on the sheet.

Allowed over runs	PERCENTAGE	Percentage of **Copies** (above) that are allowed as overruns. The assumption is that the customer can be charged by the printer for these overruns. Default value is 0. Ex: Allowed over runs="1" indicates that 1% excess of actual order quantities are chargeable.
PDF source	TEXT	The relative path of the dropped PDF. This can be set from the Job.Name property. An absolute file URI can also be defined.
Infer inks from PDF	TEXT	Possible values are "None", "All", "Spot", "Process". 1. None: No colors will be imported from the PDF 2. All: All colors will be imported from the PDF 3. Spot: Only spot colors will be imported from the PDF 4. Process: Only process colors will be imported from the PDF If "None" is selected from the drop-down, the below options will be displayed.
Front colors	TEXT	The value is expected in the form of "CMYK + SplCol1_Name, SplCol2_Name" Ex: "K + Gold", "CMYK + PANTONEC180". Default value is CMYK.
Back colors	TEXT	Similar to the above mentioned Front colors attribute. If omitted, the colors defined for front will be copied. If **Front colors** are also omitted, then CMYK is assumed. This is not valid for bound component.
Front coatings	TEXT	Comma separated list of coating names
Back coatings	TEXT	Comma separated list of coating names. This is not valid for bound component.

The following are the *unbound* component properties:

Attribute	Type	Description
Bleed		LEFT TOP RIGHT BOTTOM (Space separated non-negative real numbers
Page sequence	TEXT	List of page numbers separated by space. The order is from left to right, columns first and then rows. If there is printing to be done on the back side too, the page numbers for the back side will follow after all the page numbers of the front side. For a simple flat job which is one column and one row, the value for this attribute will be "1 2". Whether a particular job needs printing on one side, or two side is automatically inferred from this attribute. If the page numbers for the back side are skipped in this attribute, the job is assumed to be one sided.
Offcut	TEXT	LEFT TOP RIGHT BOTTOM (Space separated non-negative real numbers. Default value is zero for all sides).
Import geometry from	None / PDF / DXF / CF2	Geometry for a non-rectangular job can be imported from a CF2, DXF or PDF file.
Geometry source path	TEXT	Define a folder or a file path. If a folder is defined, the app will pick up the geometry file with the same name as the input file.
Geometry import unit	mm / inch	Defines the unit in which the geometry inside the DXF file is defined. This is not valid for PDF and CF2
Cut	TEXT	Identifies the layer name which contains the cutting geometry in DXF / PDF. In PDF, the geometry must be defined in a spot colour. This is not valid for CF2
Crease	TEXT	Identifies the layer name which contains the creasing geometry in DXF / PDF. In PDF, the geometry must be defined in a spot colour. This is not valid for CF2
Perforation	TEXT	Identifies the layer name which contains the perforation geometry in DXF / PDF. In PDF, the geometry must be defined in a spot colour. This is not valid for CF2

The following are the *bound* component properties:

Attribute	Type	Description
Binding method	TEXT	The value must match the name of a binding method defined in Imp configuration.
Page Count	NUMBER	Even integer defining the number of pages in this bound component
Spine bleed	NUMBER	Bleed on the spine side of the page
Jog bleed	NUMBER	Bleed on the jog side of the page
Face bleed	NUMBER	Bleed on the face side of the page
Non jog bleed	NUMBER	Bleed on the side opposite to the jog side
PageLabels	TEXT	The expression that defines the page labels for pages in the book. While the physical page numbering of the job starts from 1 and is always alpha numeric, the logical page numbering can be quite different. For example, the first three pages could be upper case Roman numerals, followed by 4 Arabic numerals again followed by 4 smaller case Roman numerals. Through this field, it is possible to define the logical labelling of pages in a simple and intuitive manner. The numbering exampled in the previous para, could be defined as "I-III,1-*,i-iv". There are multiple parts in this phrase; each separated by a comma. Each part indicates a few series. The start of the number series is indicated by the number typed in front of the hyphen. Similarly, the end of the series is identified by the value followed by the hyphen. '*' has a special meaning. It implies that the end of the series is implied by the number of pages left in the job to be assigned. There can only be one * in the entire phrase. Default value is "1-*".
Is lap on high folio	TRUE/FALSE	If set to true, the lap will be set on the high folio side in case of trim else if set to false it will be set to low folio. If this is not set, then the default value will be picked from the binding method.
Center signatures vertically	TRUE/FALSE	If true, when auto planning, signatures on the layout will be centred vertically
Back side printing	TRUE/FALSE	Default value is TRUE.
N-UP	NUMBER	Default value is 1
Creep	TRUE/FALSE	True/False or Yes/No. Default value is No.
Creep style	TEXT	Two possible values are "move" & "scale". Default value is "move".

Creep direction		Three possible values are “towards spine” “towards face” “both”. Default value is “towards spine”
Come and go	TRUE/FALSE	True/False or Yes/No. Default value is No.
Spine edge		Possible values are “left”, “right”, “top”, “bottom”. Default value is “left”
Jog edge		Possible values are “left”, “right”, “top”, “bottom” Spine and jog edge should never be same or opposite sides. If spine is left, jog can be top or bottom only. Default value depends on the selected spine edge. By default, it is the edge adjacent to the spine edge on the clockwise direction.