4. List of Major Features

4.1. New versions of third party components

PDFRender:

- Important speed improvement: approximate twice as fast as the current PDFRender version for regular 4Up and larger jobs.
- Removed color limitations (64 colors maximum in one job: regardless of keep or convert policy): as many colors as wanted in one job however we still only support to keep 31 colors (27 spot colors).

Normalizer 9.0

PitStop 8.0

4.2. Multi-Part job workflow

Create single flow job tickets for jobs with different parts (e.g. Cover and Body) which require different processing (which might be printed on different presses).

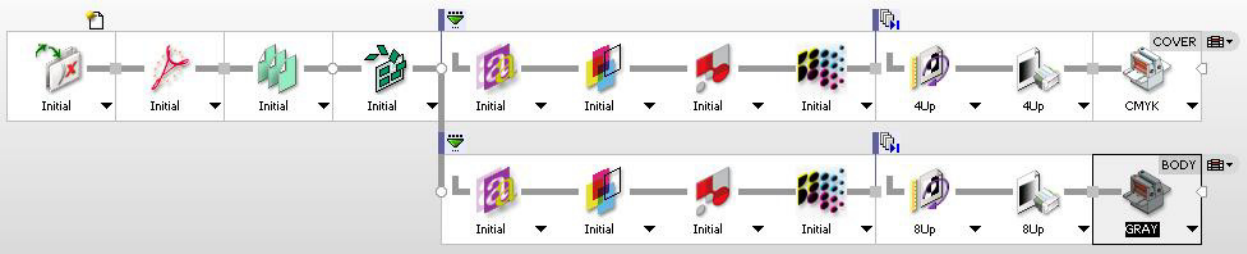

Figure 5: Multi-Part job old style (using Discard)

An extra ticket tab (Product) has been added to define the configuration of the parts of a job. The setup of the different parts should be done after defining the imposition settings therefore there is a shortcut (small grey arrows) to the Runlist and Impose settings in the Product tab. Typically you have as many Production Sets as Parts (in this case the Create from Parts button is very handy) however this is not necessarily always the case. You could also have two different Production Sets for the complete body. Production Sets are parts which require different processing in prepress. The defined Parts are: Cover, Plain (body) and Insert.

The default cover pages are now fixed: first two and last two pages of Runlist, which makes that default setup is only correct for some saddle stitched templates. Changing the default is of course possible.

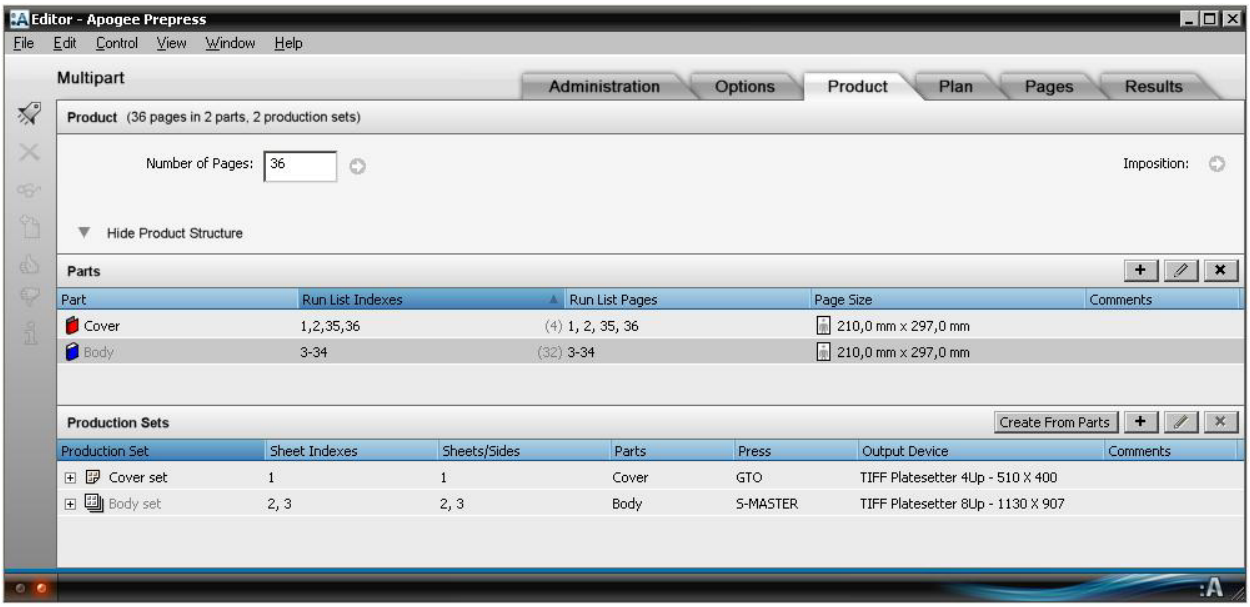

Figure 6: Multi-part (Cover and body) setup

The different parts are visually represented in the Pages and Results tab and a filter for parts is available which simplifies the filling of the Runlist. The Runlist pane can also be extended with an extra column "Runlist index" which is especially useful when using "Inserts" (View > Run List Indexes).

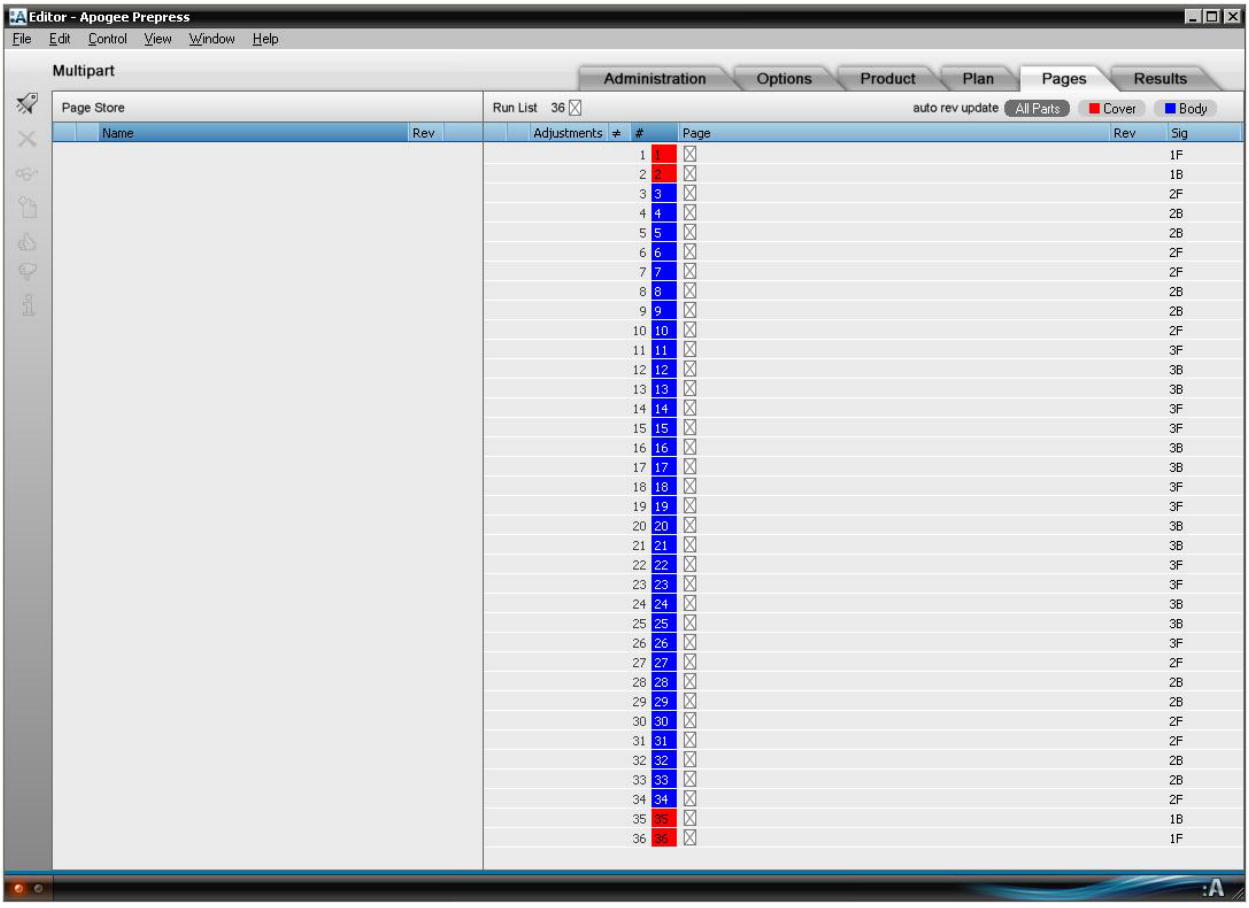

Figure 7: Pages tab for a multi-part job

The "mixed" Parameter Set indicates that the individual Production Sets require different processing for that Task Processor. This is also visually enhanced by the blue line beneath the Task Processor. Different Presses and Output Devices can be selected per Production Set. The different processing state is automatically selected in some cases when Task Processors or Task Processor operations have dependencies to each other.

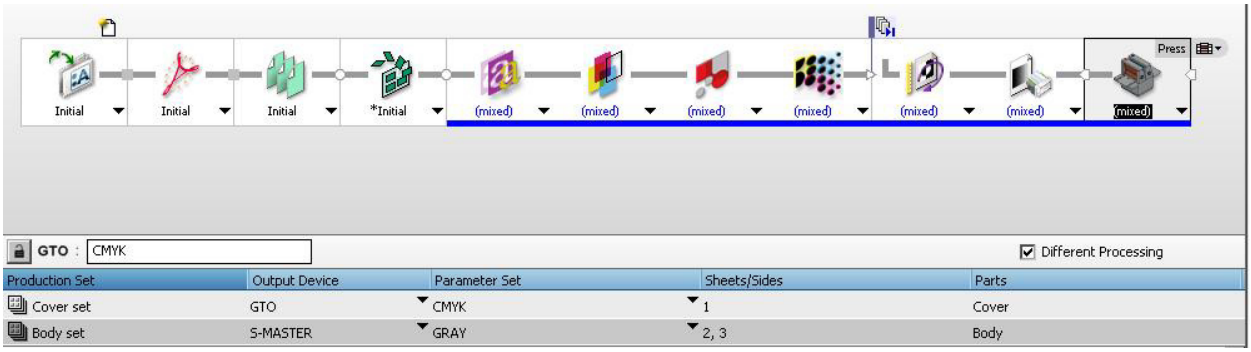

Figure 8: Multi-Part job (using different Processing for Production Sets)

Additional Apogee Prepress variables that have been introduced: $PART and $PRODSET.

Proofing one part (the cover) and not the other part (body) still needs to be done via a discard filter.

JDF files with parts information will create a multi-part job. Some JDF vendors will therefore need to update their software.

The collect by output action in the output devices takes production sets into account: when you group by sheets then an output result will be created per production set.

An additional System resource is added "Page Sizes" which provides a set of standard page size that can be used when creating multi-part jobs (this is optional).

Limitations

- PrintDrive DQS mode not supported. For other Multi-part issues with PrintDrive refer to Technote Multi-part jobs on PrintDrive.
- Distribute and Print mode not supported.
- The Runlist setting "First page starts at" can not be changed.
- Changing first page of Perfect Bound Signatures is not supported (Impose Parameter settings).
- Multi-Part jobs are only supported when using PDFRender.
- Create from parts button can only be used when an imposition settings are provided.
- The Pantone conversion option in the Normalizer can not be supported in Multi-Part job configurations. You should use the PDFRender-Separate settings where Pantone mapping needs to be enabled.
- Apogee Portal does not generate multi-part jobs. A Multi-part job generated by Portal will always appear in Prepress as multiple jobs (like previous Apogee Portal-Prepress releases).