

PlanetPress® Connect

OL™ Software

Version 1.0.1
Release Notes

**PrintShop Mail
Connect**

**PlanetPress®
Connect**

**PReS®
Connect**

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PlanetPress® Connect

OL™ Software

Welcome to PlanetPress® Connect!

Welcome to PlanetPress® Connect, the new and highly dynamic document composition solution from Objectif Lune! PlanetPress® Connect is the link between your data systems and your customer communications. It allows you to create fully personalised business correspondence across a range of output types and manage these via sophisticated and automated workflows.

Key aspects of PlanetPress® Connect include the following:

- **DataMapper** – Extract data from multiple sources and output it in a single format
- **Designer** – design tool for creating print, email and web communications
- **Output** – advanced output and print stream handling across industry-standard print formats
- **Workflow** – for automating the production of output from PlanetPress® Connect

Installing PlanetPress® Connect Version 1.0.1 and PlanetPress® Workflow 8.0.1:

Full details on downloading, installing and licensing PlanetPress® Connect 1.0.1 and PlanetPress® Workflow 8.0.1 can be found in the accompanying “*PlanetPress Connect Version 1.0.1 - Installation and Activation*” document.

Note that both PlanetPress® Connect 1.0.1 and PlanetPress® Workflow 8.0.1 come with 30 day trial licenses by default.

32 Bit Version Only

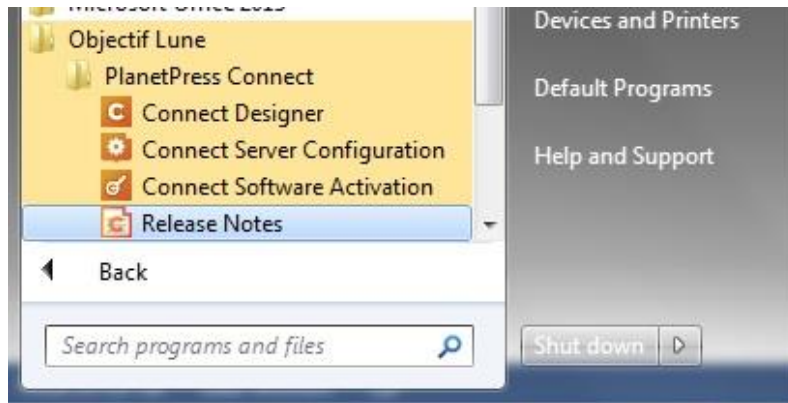
Note that PlanetPress® Connect 1.0.1 is released as a 32 Bit version only. A 64 Bit version of Connect will be introduced in a later release.

PlanetPress® Connect: Getting Started

This sections provides some basic tips on getting started with PlanetPress® Connect as well as details on some of the highlights of the application.

1. Opening PlanetPress® Connect

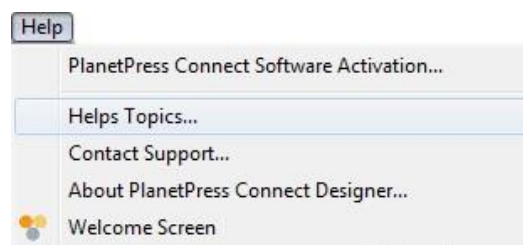
After PlanetPress® Connect has been installed, it can be opened via the following options in the Start menu:



- **Connect Designer** - opens the PlanetPress® Connect Design Tool
- **Connect Server Configuration** – opens a tool for managing job scheduling and security for the server as well as clean-up options
- **Connect Software Activation** – opens the Software Activation tool which allows you to load a license file and view the terms of the End User License Agreement.
- **Release Notes** – Opens the current version of the PlanetPress® Connect Release Notes

2. Fast Access to Information

PlanetPress® Connect includes an extensive online help system providing detailed information on most areas of the application. Use the “Help Topics” option in the Help menu or press F1 to access the home page of the help:

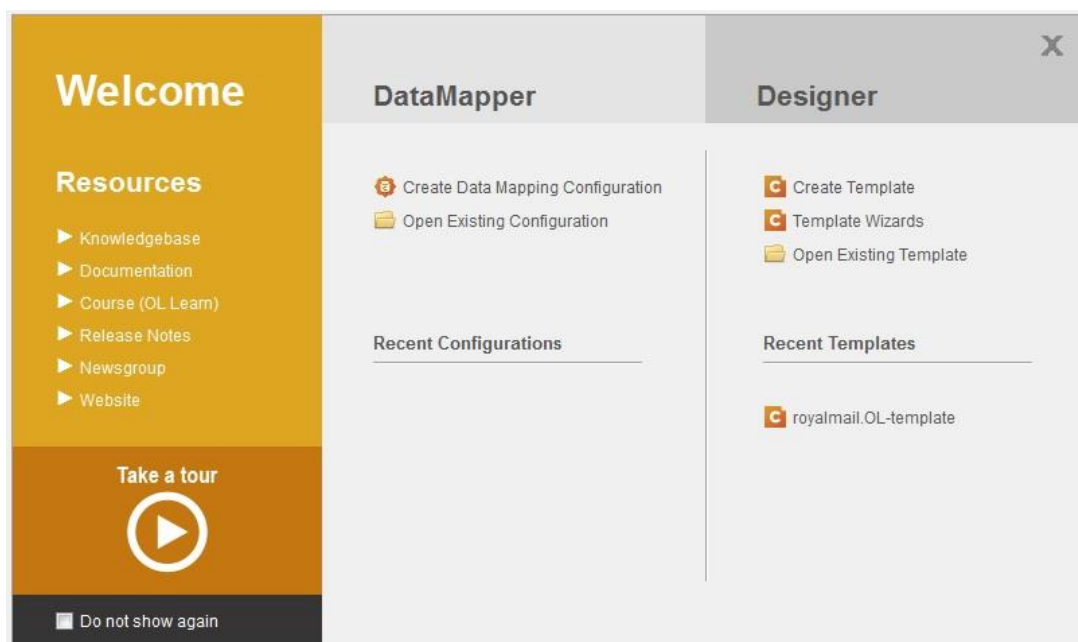


Note that in Version 1.0.1, all calls to the online help from the application will default to the home page of the help. Context sensitivity will be introduced to the help system in a later release.

This menu also provides access to the PlanetPress® Connect “Welcome Screen” which provides wizards and tips for setting up templates.

3. Welcome Screen for Getting Started

When first starting the Connect Designer, a Welcome screen is displayed which helps you to quickly become acquainted with all of the key areas of PlanetPress® Connect:



The links in the “Resources” panel provide further information about PlanetPress® Connect and Objectif Lune:

- **Knowledgebase** – opens a page in the Objectif Lune knowledgebase which will eventually contain information on PlanetPress® Connect.
- **Documentation** – opens the PlanetPress® Connect online help.
- **Course (OL Learn)** – opens the OL Learn site where you can access any OL courses available to you.
- **Release Notes** – opens the current release notes.
- **Newsgroup** – opens a page with discussion forums around various Objectif Lune products.
- **Website** – opens the Objectif Lune website.
- **Take a tour** – provide an interactive tour of PlanetPress® Connect with videos and presentations.

Turning the Welcome Screen on and off:

A “Do not show again” checkbox in the “Welcome” screen enables you to turn the screen off so that it no longer opens by default when starting Designer.

You can call the “Welcome” screen back at any time using the Help menu or via the following button in the standard toolbar:

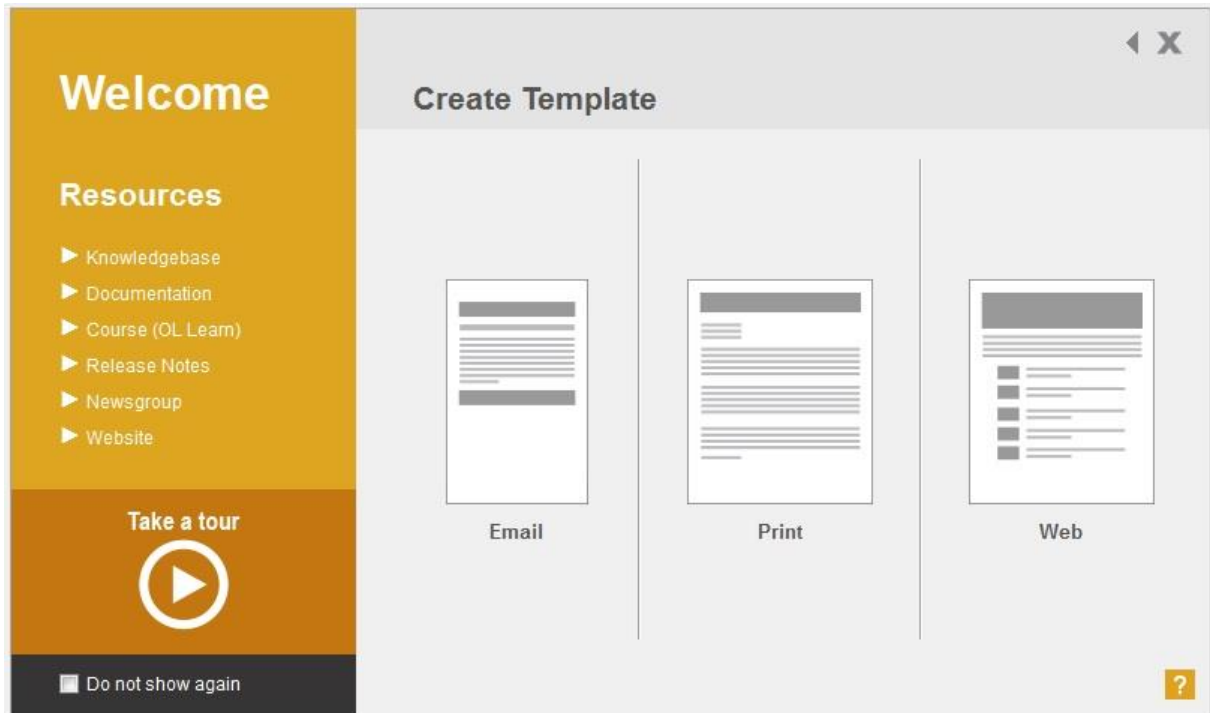


Template Options:

The Template options in the “Welcome” screen enable you to:

- Create a new Template
- Access the available Template Wizards
- Open an existing Template

The following page is opened when selecting “Create Template”. Select an Email, Print or Web context for your template. Other contexts can be added later if required:



Sample Templates:

A selection of sample templates for previewing the functionality in PlanetPress® Connect are available from the following online demo portal:

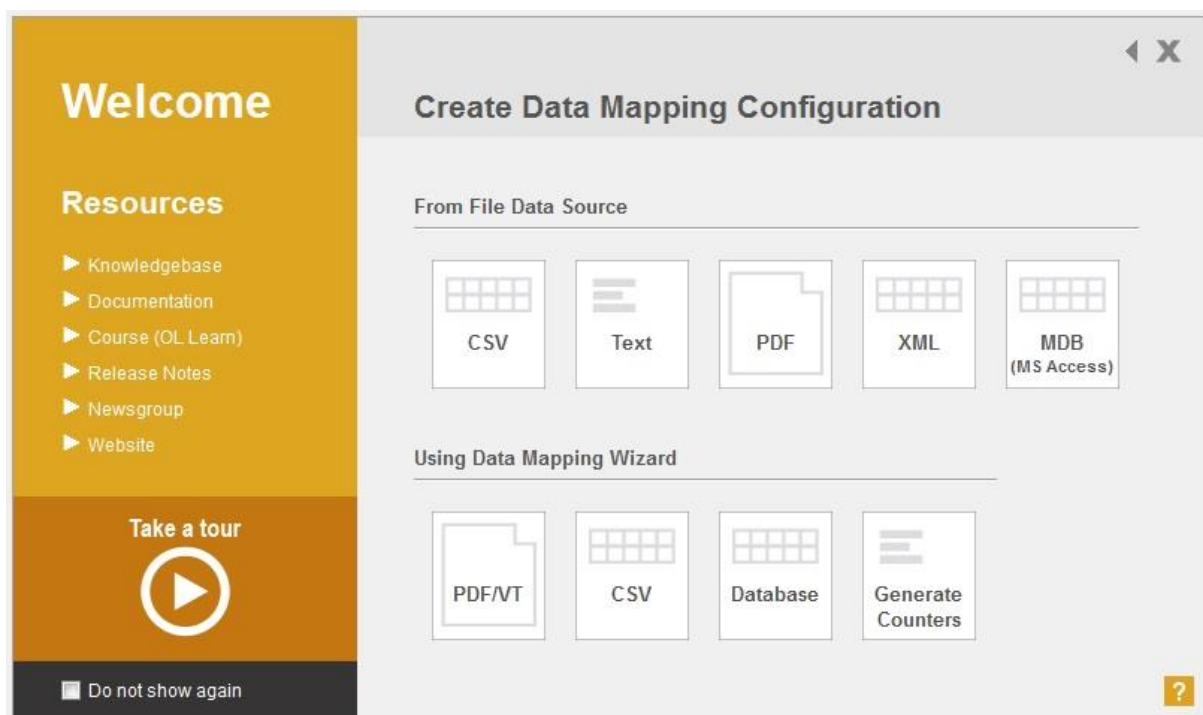
<http://connectdemos.ca.objectiflune.com>

DataMapper Options:

The DataMapper options in the “Welcome” screen enable you to:

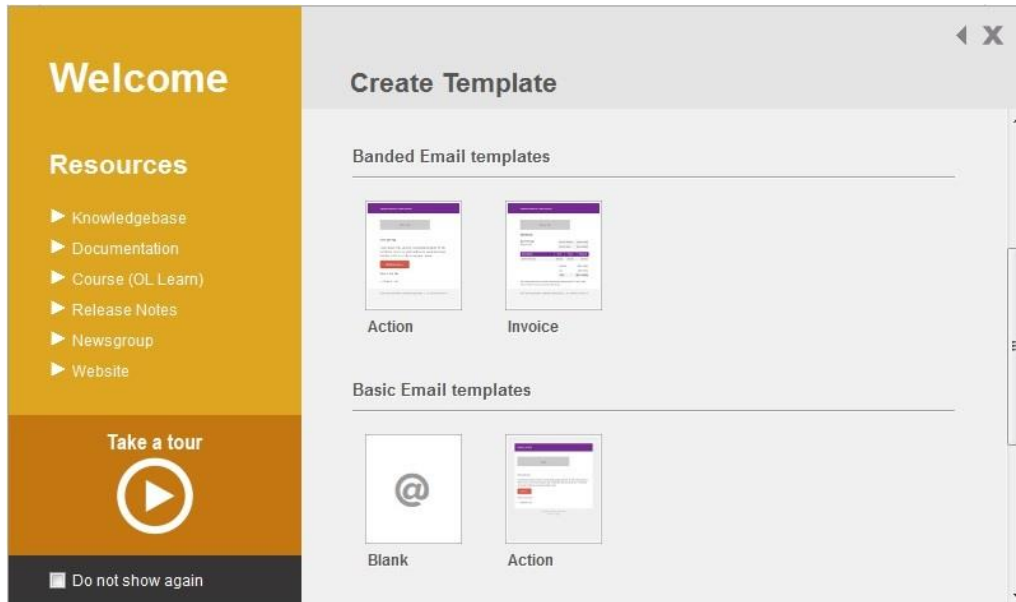
- Create a new DataMapping configuration
- Open an existing DataMapping configuration
- Open a DataMapping configuration from a “Recent” list

The following options are displayed when opting to create a new DataMapping configuration. Clicking on a box opens settings appropriate to the selected type:

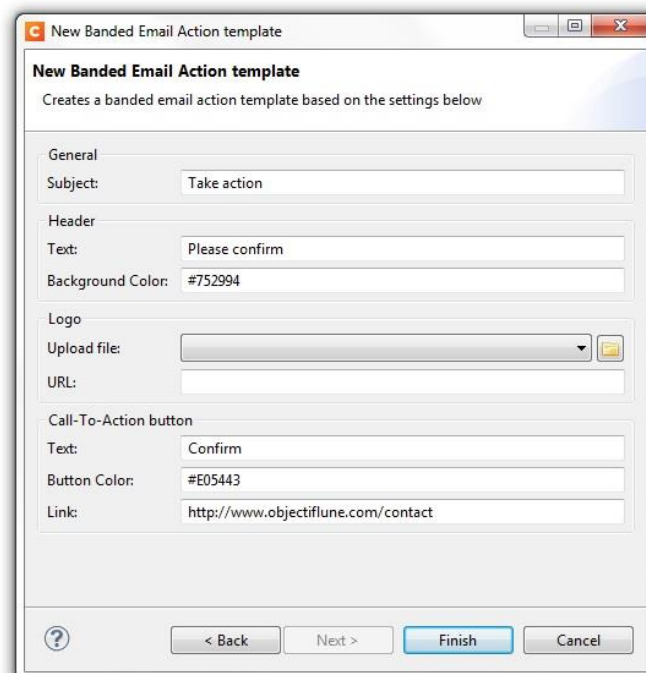


4. Template Wizards

PlanetPress® Connect includes various easy-to-use wizards for setting up basic Email, Print, Web Page, Letter and Foundation Web Page templates. To access the wizards click on Template Wizards in the Welcome screen or go File|New to select the wizard there:



Selecting one of the options opens a Wizard in which you can set up basic properties for that context. The following example shows the steps associated with setting up Banded Email and Banded Invoice templates. The New Banded Email Action Template wizard allows you to specify the colours of the bands, a logo and the subject and header text:



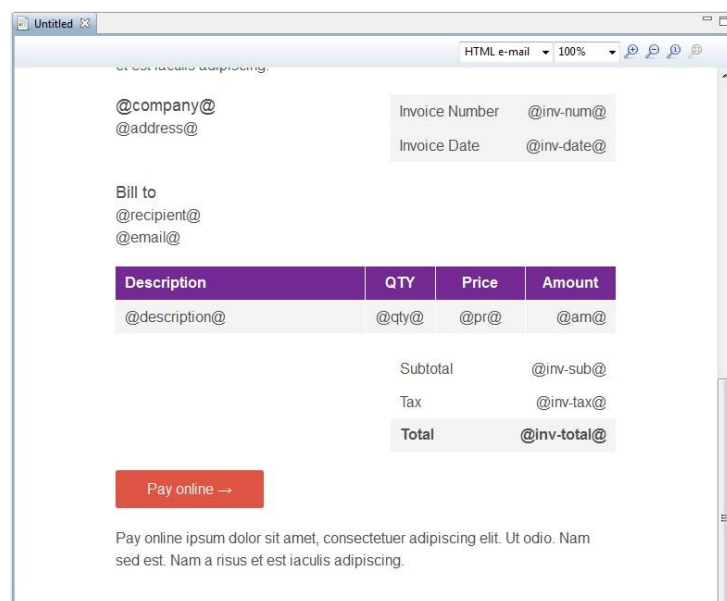
Clicking “Finish” will create the Banded Email template:



Select the “Invoice” option in the “New” dialog to create a Banded Invoice template. This opens a similar dialog with additional settings for the payment button and detail table:



Clicking “Finish” creates the Banded Invoice template:



5. Data Model

The Data Model in PlanetPress® Connect is a separate standalone entity. The Data Model pane includes 3 buttons which allow you to import, export and synchronize a model:



The entries in the Data Model pane are displayed in red when synchronization is required. Press the button to perform the synchronization. After this the entries will be displayed in black again.

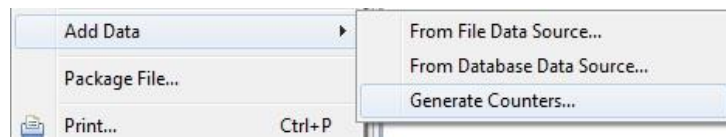
6. Record Navigation in the Data Model Panel

The Data Model panel allows you to navigate through data records and, in the case of transactional sources, their individual detail records. You can navigate forwards or backwards through the records\details using the buttons or enter a number directly in the edit box:

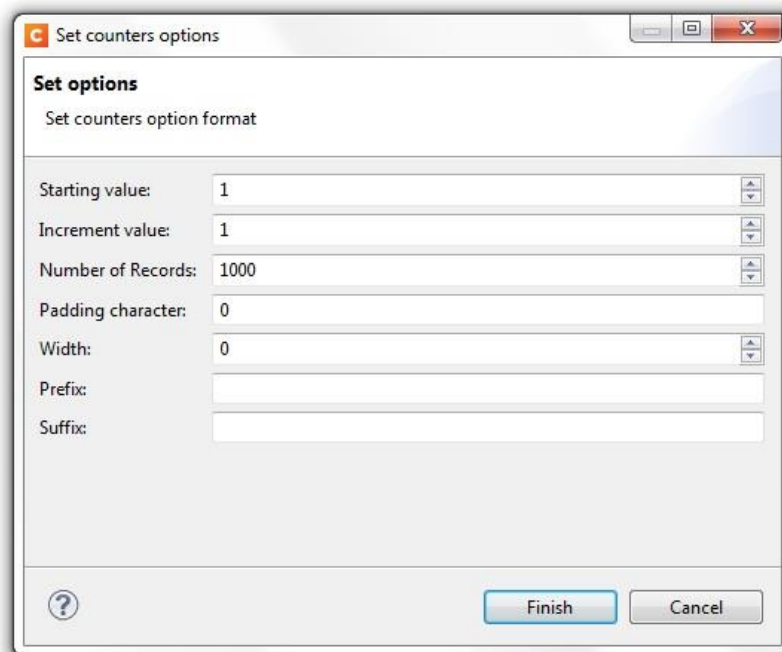
Name	Value
abc Brand	PSM
abc PW	08285D2087CA2ACE27C0860EC21...
# TotalOrdered	26
# TotalShipped	26
# TotalBO	0
\$ InvSubTotal	88125.00
\$ InvTaxTotal	6609.38
\$ InvTotal	94734.38
detail [11]	
abc ItemNumber	PSM005
abc ItemDesc	Upgrade (Starter to Web)
\$ ItemUnitPrice	7495.00
# ItemOrdered	3
# ItemShipped	3
# ItemBO	0
\$ ItemTotal	22485.00

7. Generate Counters

PlanetPress® Connect supports the generation of counters in the DataMapping Wizard. The “Generate Counters” option is included the “Select a Wizard” dialog and also under File|Add Data:



This opens the “Set counters options” dialog:



With the settings in the above example, 1000 records would be created with 1 field counter per record (i.e., 1, 2, 3,.....1000).

Whereby:

- The “Starting value” = 1 (min 0, max 999 999 999)
- The “Increment value” = 1 (min 0, max 999 999 999)
- The “Number of Records” = 1000 (min 0, max 999 999 999)
- The “Padding character” = 0 (1 character only)
- The “Width” = 0 (min 0, max 100)
- The Prefix and Suffix are empty.

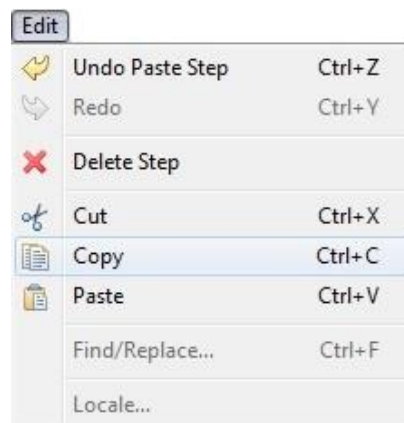
8. DataMapper - Undo\Redo for Step Properties

Undo\Redo support is available for the step properties in the DataMapper:



9. DataMapper –Cut\Copy\Paste supported for Steps

The Cut, Copy and Paste options in the Edit menu can be used for the steps in a DataMapping configuration:



10. TXT Mode in the DataMapper

In TXT mode, when drawing a selection or when clicking on an existing one, the status bar displays the coordinates for that selection.

The status bar information for a selection is:

Selection: (C1, L1) - (C2, L2) => (w X h)

where

- C1: Left column
- L1: Top Line
- C2: Right column
- L2: Bottom line
- w: width (in columns)
- h: height (in lines)

11. DataMapper – Next Occurrence option for Target Type

In both TXT and PDF modes, the Goto step has the option of moving the current position to the “Next Line with Content”. PlanetPress® Connect includes a “Next occurrence of” option in the Target Type dropdown list:

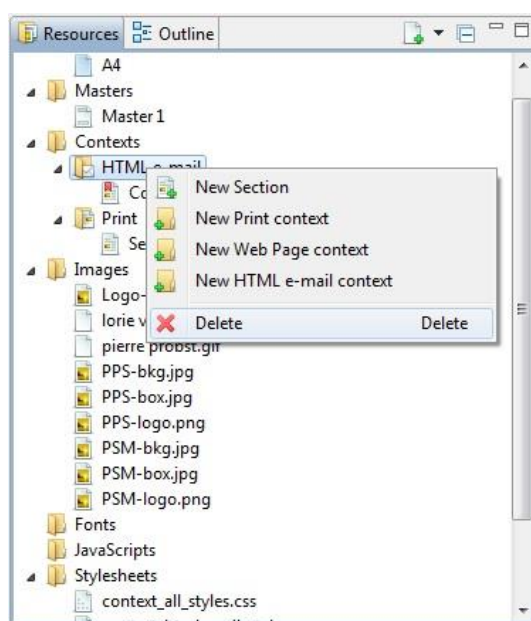


When selecting this option, the standard “Inspect entire page width” checkbox is displayed. However in between both controls, an additional edit box is available called “Regular Expression to look for”. This allows you to enter a RegEx that is evaluated for each line in the source data. When a match is found (within the zone defined in the “Inspect page width” option), the current position is moved to that line.

Java Regular Expressions can be specified e.g., modifiers such as (?i) can be used. They can be inserted anywhere in the RegEx and apply to everything to the right of the modifier.

12. Adding and Deleting Contexts

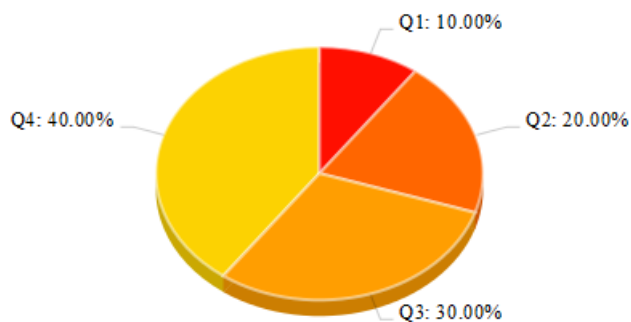
PlanetPress® Connect allows you to add and delete a context from a template via corresponding options in the Resources context menu:




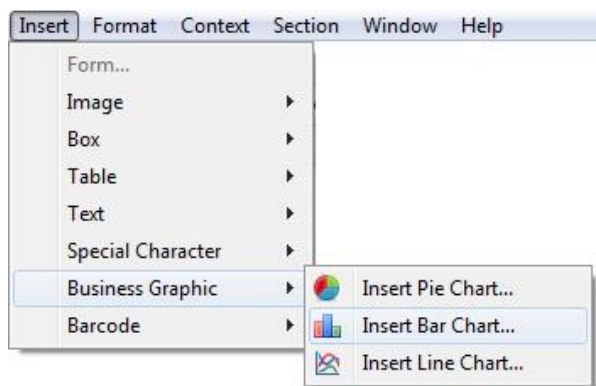
Note that a template must contain at least one context which means that the final context cannot be deleted.

13. Pie Chart Tool

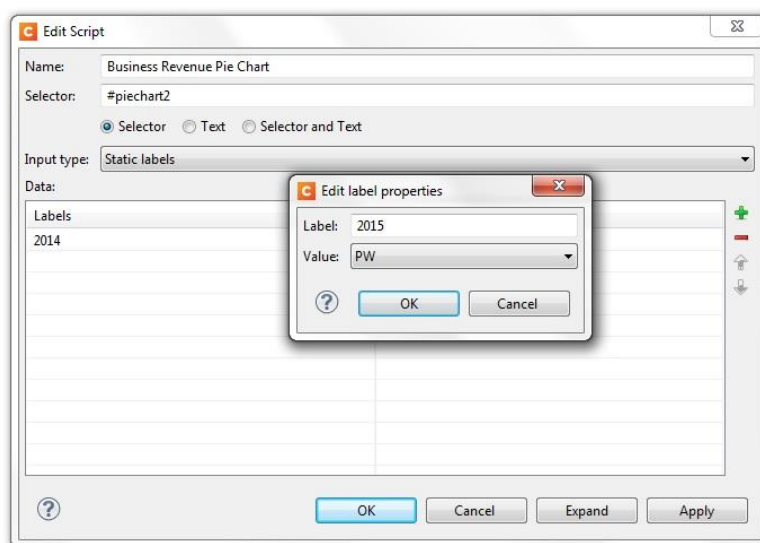
PlanetPress® Connect allows you to set up basic 3-dimensional pie charts:



The Pie Chart tool is called via the following icon in the toolbar: 
Or via the Business Graphic option in the Insert menu:

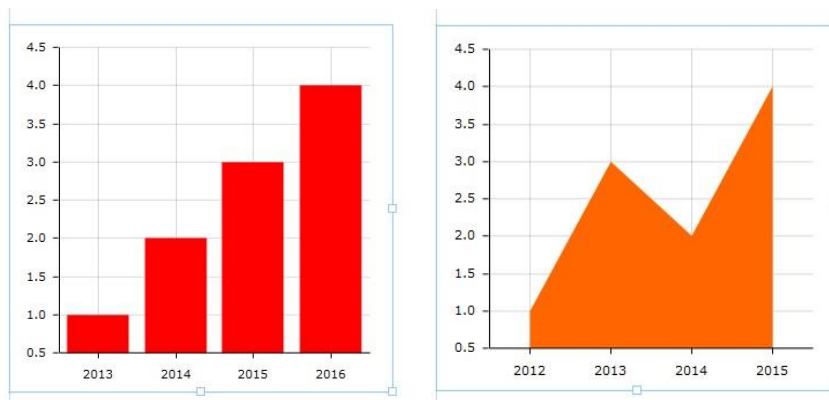


It allows you to specify static or dynamic labels and assign values for each segment:

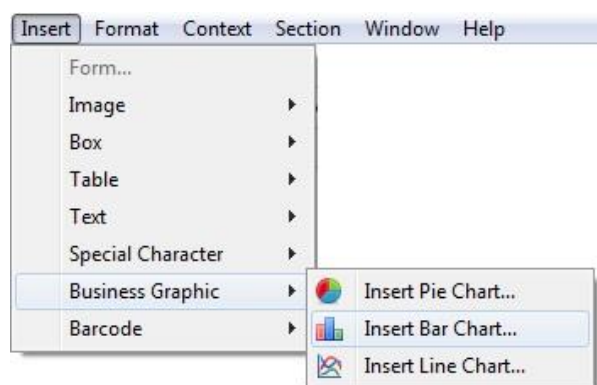


14. Bar and Line Charts

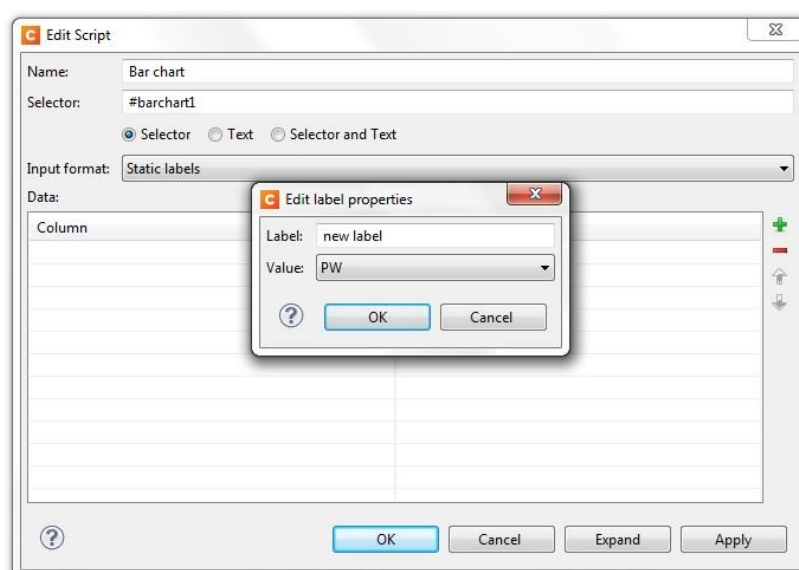
PlanetPress® Connect supports the insertion of basic Bar and Line charts:



The Bar and Line Chart tools are called via the following buttons in the toolbar:
Or via the Business Graphic option in the Insert menu:



They allow you to specify static or dynamic labels and assign values for each bar or line position:

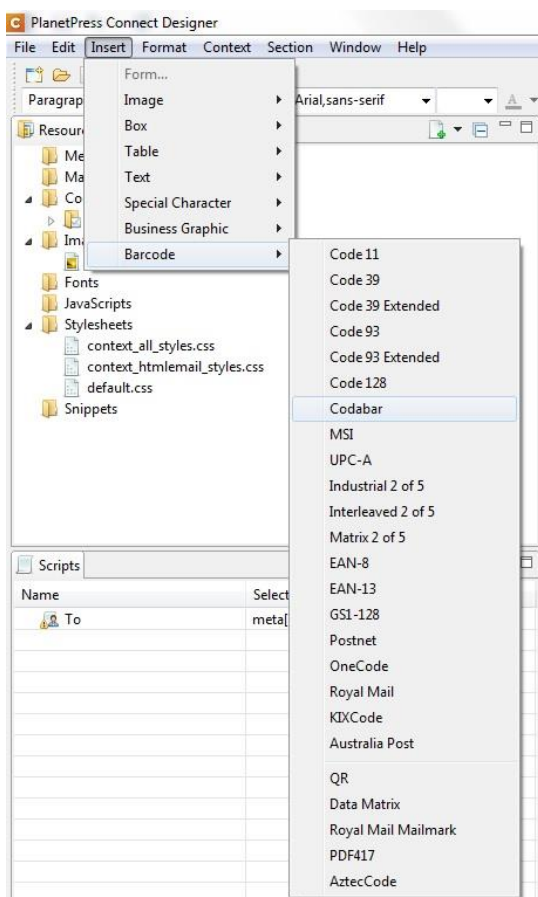


15. Inserting Barcodes

PlanetPress® Connect includes a range of 1D and 2D barcode symbologies:



Simply click on the new down arrow next to the Barcode icon in the toolbar to open up a list of available barcodes or go to Insert|Barcode:



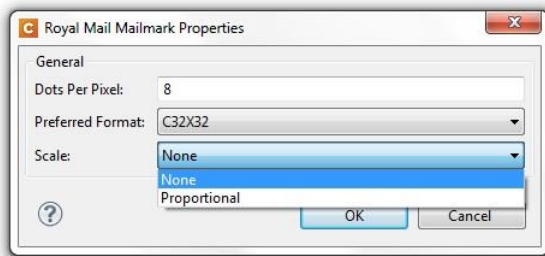
After you have selected a barcode type from the list, the Edit Script dialog is opened in which you can specify the value of your barcode.

You can add one-to-many fields for the value of the code by using the green plus button. Each line in the table allows you to specify the following:

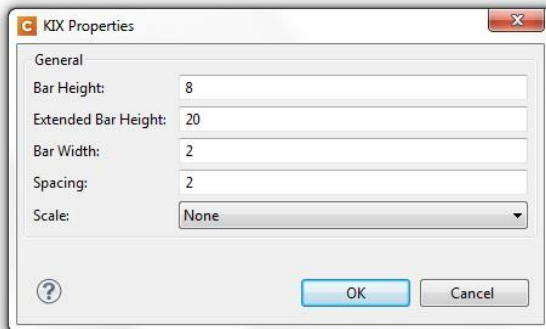
- **Prefix** – free text field for specifying static information to prefix the field value
- **Field** – for specifying the required field for the barcode value from a dropdown list
- **Format** – specifies whether the value should be upper case or lower case. Leaving the box blank means display the value as specified in the data
- **Suffix** – free text field for specifying static information after the field value

Properties Dialogs for Barcodes:

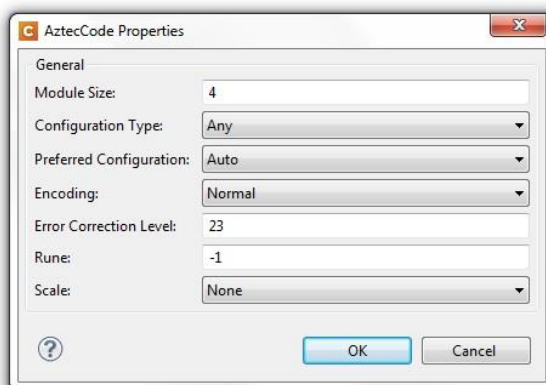
Each barcode type has its own properties dialog. After inserting the barcode into your template, right-click to open the context menu and select the properties option for the barcode. Different properties dialogs are displayed depending on the barcode type. The following are some examples:



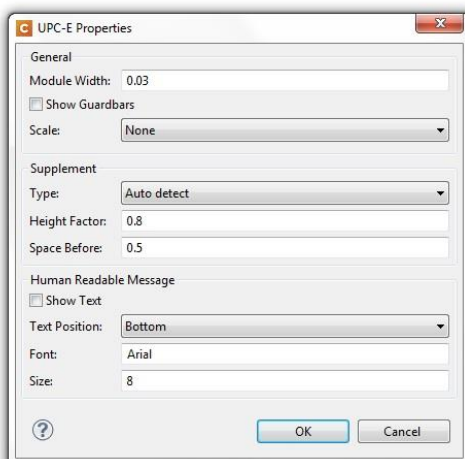
The Royal Mail Mailmark dialog allows you to specify the number of dots per pixel, the required format (C24X24, C32X32 and C16X48) and the scale.



The KIX and Australia Post 4-state barcode properties allow you to specify the bar height and width properties, the spacing and the scale.

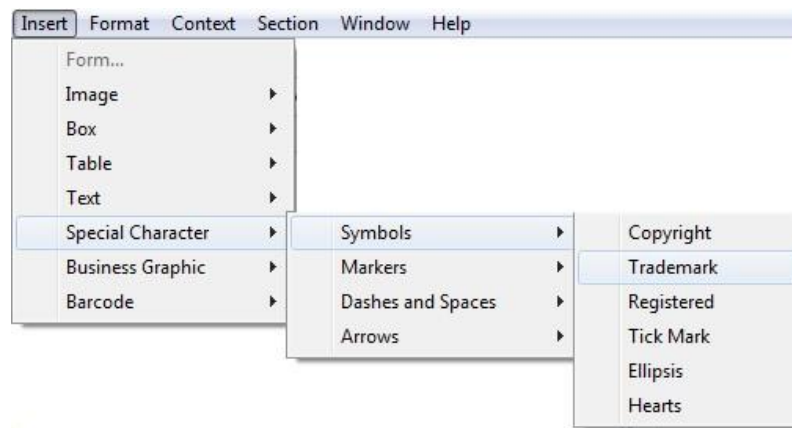


The Aztec Properties dialog allows the specification of the module size, configuration settings, error correction level and encoding.



The UPC-E dialog allows you to specify the module properties, supplement and HRT settings.

16. Special Characters

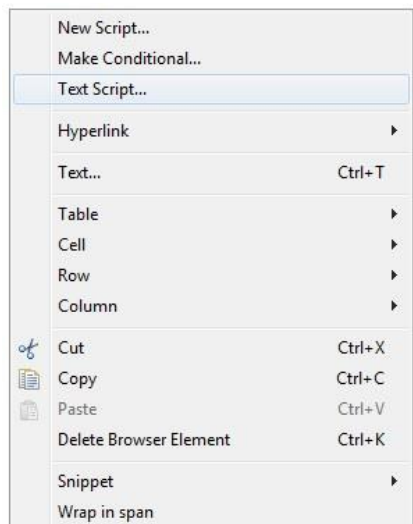


Special Characters can be inserted via Insert|Special Character. These include:

- **Symbols** - as pictured above
- **Markers** – Page Number and Page Count
- **Dashes and Spaces** – various hyphens, dashes and spaces
- **Arrows** – Left, Right, Up, Down

17. Text Script Option in Context Menu

A Text Script option is included in the context menu for a range of selected text:



- Mark a range of text and call the context menu
- Select the Text Script option to open the Text Script wizard
- The name of the script is set to the selected text
- The value of Find Field is set to the selected text
- The created Text Script replaces the selection with the value of the specified data field

18. Script Wizards: Simplified Conditional Content

Select an element on the page, perform a right mouse click and select “Make Conditional” from the context menu. The Condition wizard appears allowing the user to select a data field, set the condition and enter/set the value to be validated.

This has been implemented for the following field types:

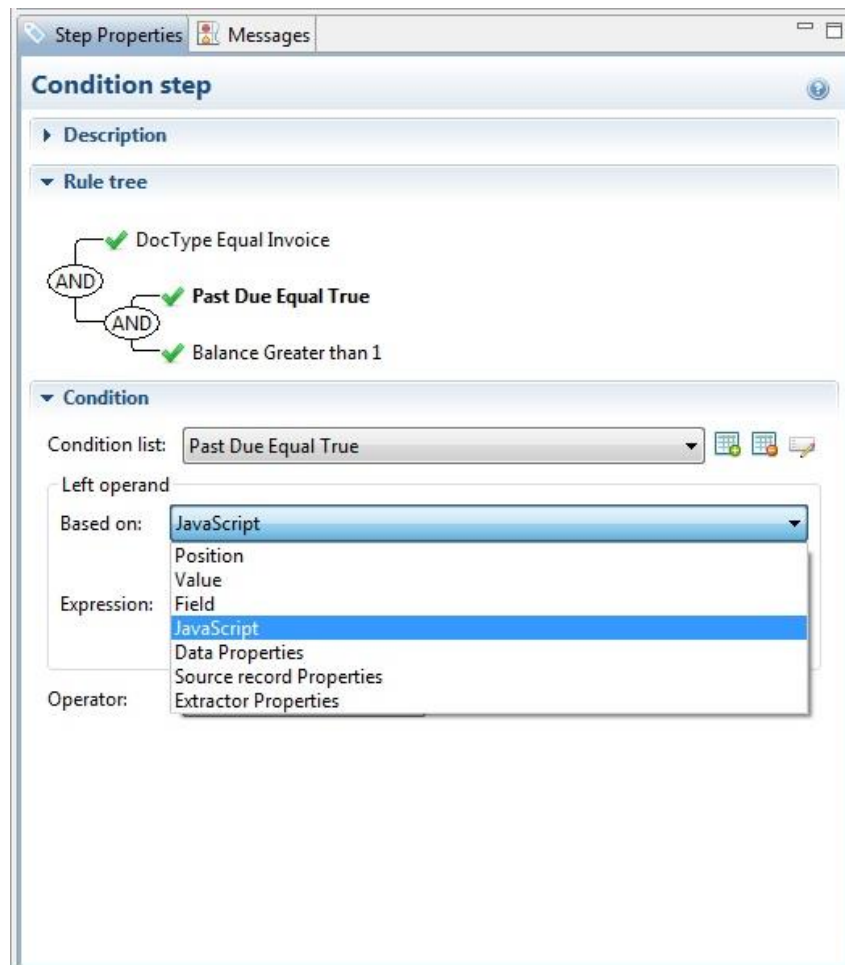
- String & HTML String
- Boolean
- Integer, float, currency

Use the ID of the selected element or create an ID on the fly.

Note that Date fields are currently not included.

19. Multiple Conditions

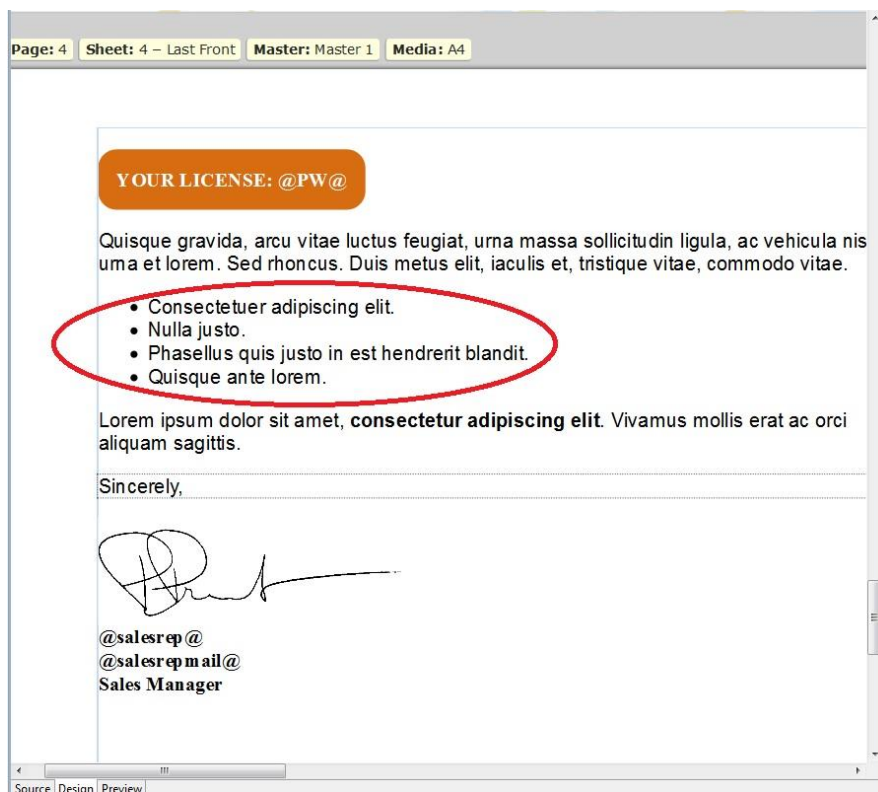
PlanetPress® Connect supports the creation and evaluation of multiple conditions:



- When selecting a condition, it is highlighted in the tree and its properties are shown in the Condition section. The corresponding fields related to this condition are also highlighted in the editor.
- Boolean operators between the two conditions can be changed either by right-clicking to make the popup appear or by double-clicking the operator. The value will then change to the next operator i.e., (AND -> OR -> XOR -> AND, etc)
- When a condition is deleted, the orphan condition is paired to the last one on the parent level and its operator is deleted.

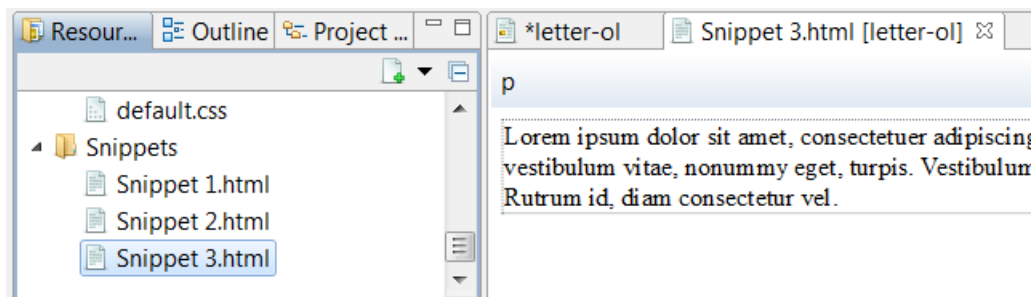
20. Numbered and Bulleted Lists

PlanetPress® Connect supports numbered and bulleted lists via the following buttons in the toolbar:



21. WYSIWYG Editor for Snippets

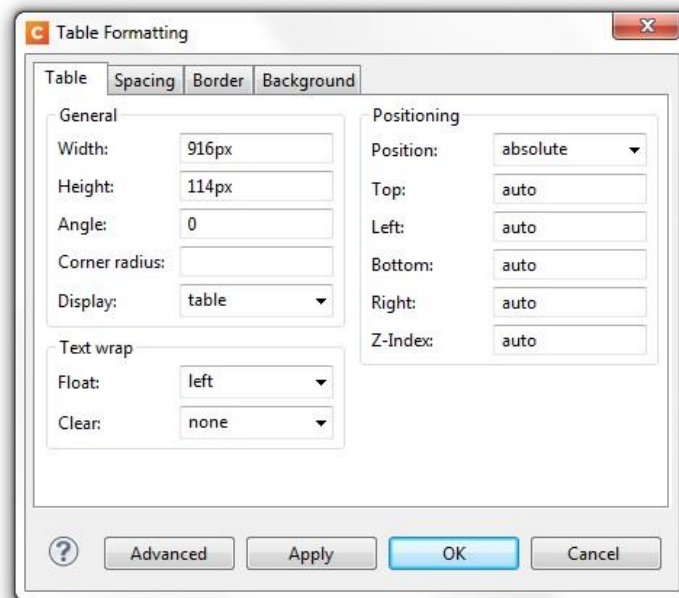
PlanetPress® Connect allows you to edit a Snippet in the Template window. Simply double-click on the Snippet in the Resources window for it to appear in the Template window where it can be edited and saved in either the Source or Design pane:



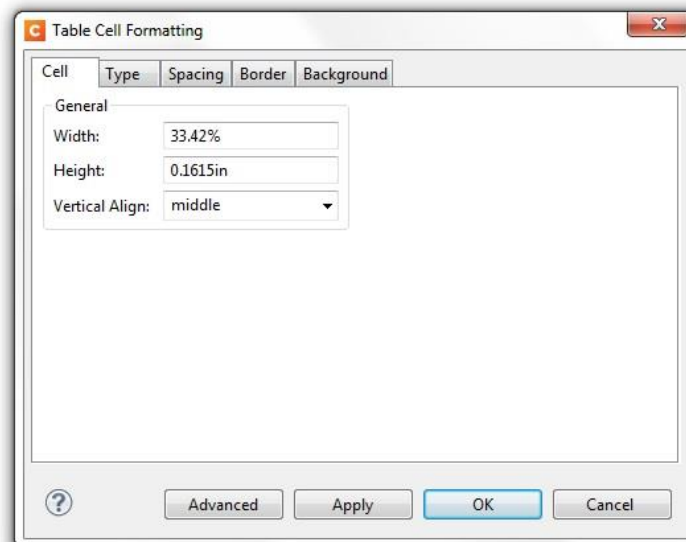
22. Applying Table Properties

Various options are available for specifying the properties of tables.

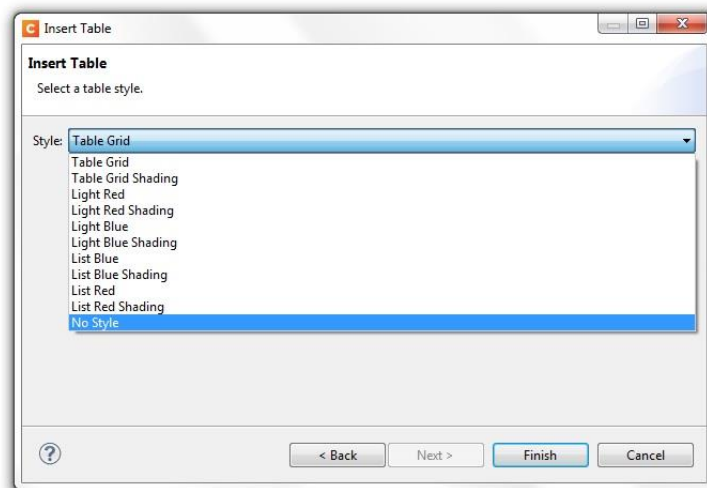
- The **Table Formatting** dialog includes Height, Corner radius and Display settings as well text wrapping and positioning options. Other tabs allow Spacing and the Background to be defined:



- The Table Cell Formatting dialog contains a Height and Width options and a Vertical Align box with a dropdown menu containing the alignment options:



- Various “Style” options are available when inserting a table including a “No Style” option:



Other options for tables:

- New tables can be inserted without a header row (set the value to zero)
- The selection of multiple table cells is supported via both “Shift + mouse-click” and “Control + mouse-click”
- Support is provided for numeric subtotals in tables.

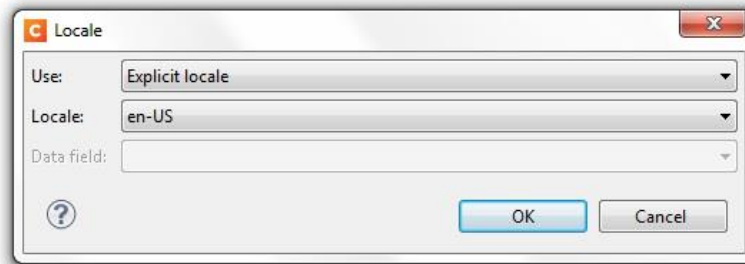
23. Dynamic Detail Tables

PlanetPress® Connect makes it easier to set up dynamic detail tables. It allows you to link a table to a detail table and subsequently define the <tr> elements that should be repeated.

- A “Detail Table” option is included in the submenu for <table> elements in the context menu
- The submenu shows a list of current detail tables, including an option “None” and a possible custom value set for the “data-detail” attribute of the table.
- If the “data-detail” attribute of the <table> element is empty, None is used. If a match is found for the attribute, the item shows a mark next to its name.
- If a "data-detail"-attribute has a value that does not exist in the list, this value is shown at the beginning of the list, again with a tickmark/bullet next to its name (e.g. a value that doesn't match any of the detail table names in the data model).
- A "Repeat" option has been added to the end of the submenu for <tr>elements in the contextual menu and in the Attributes panel for <tr> elements. This adds the "data-repeat" attribute to the selected <tr> element.

24. Locale Setting

A “Locale” can be specified under Edit | Locale:



Setting the locale allows the script wizards to be based on one of the following:

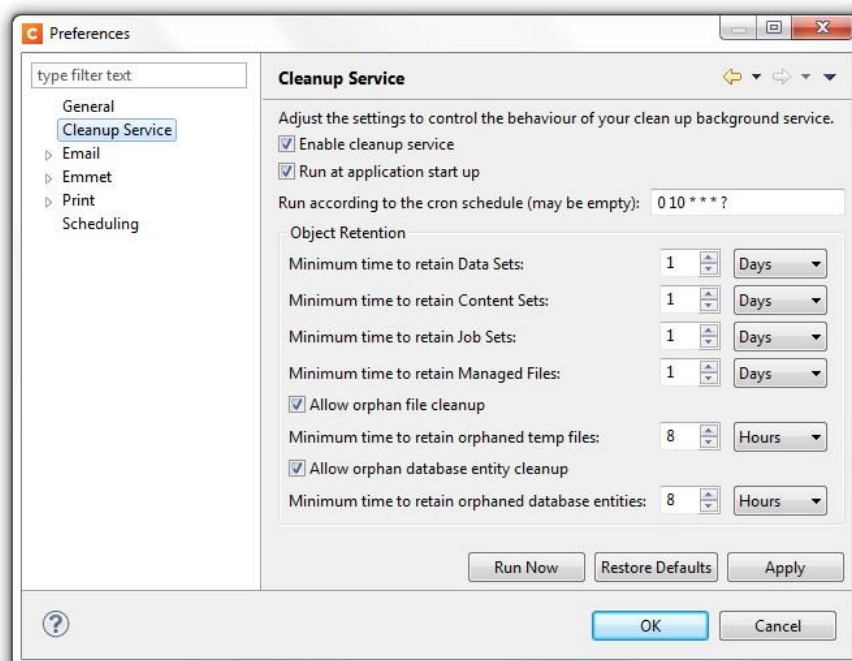
- The System Locale
- An Explicit Locale – choose from a global list in the “Locale” control
- Dependent on a database field which is then specified in the “Data field” control

When the locale is based on a data field, the locale will always correspond to the current record.

When the value of the locale in the field has not been specified or is erroneous (e.g., misspelled or mistyped), the default locale for the Java environment is used.

25. Preferences

PlanetPress® Connect allows you to set up general preferences for the cleanup service, e-mailing, printing, scheduling and Emmet via Window | Preferences:



26. Supported Images Types

PlanetPress® Connect supports the following image types which are available from the Images folder in the Resources panel:

- .ico
- .swf
- .tif
- .tiff
- .svg
- .jpg
- .eps
- .pdf
- .gif
- .png

27. Images can be absolute positioned in the Master Page element

PlanetPress® Connect allows images inserted onto Master Pages to be absolute positioned when dragging and dropping. This includes dragging and dropping images from the Images folder in the Resources panel as well as dragging images from the file system.

28. Absolute Positioned and Inline Boxes

Cutting, copying and pasting is supported for absolute positioned and inline boxes. Note that if you copy and paste an absolute positioned box, the new box is placed over the top of the old one and the new box is selected. Visually it appears that nothing has happened until you drag the box to the new location when the original box will be seen underneath.

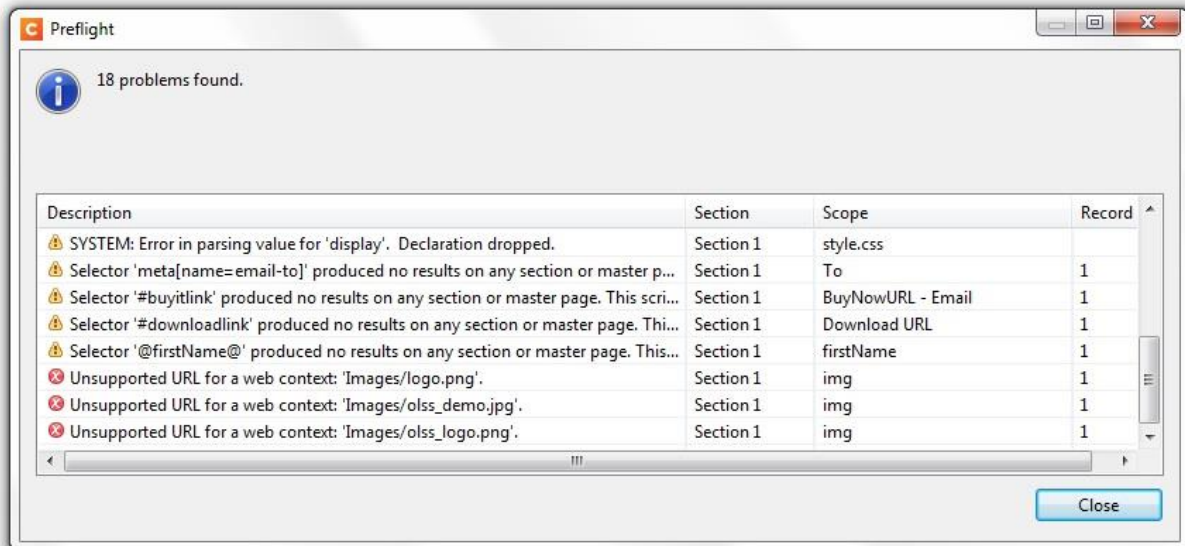
29. Color Management

PlanetPress® Connect supports Color Management for the following:

- Indexed images
- Tint swatches

30. Preflight Option

A “Preflight” option is available from the Context menu which allows you to validate the records in your template against various errors. Any errors found are listed in the “Preflight” dialog along with the section and record in which they occurred:



The “Preflight” check looks for the following:

- Missing shared content e.g., missing snippets, resource file not found etc.
- Data integrity – checks each record for workflow errors, currency errors, date errors etc.
- Missing fields – references to missing fields in scripts
- E-mail – common mistakes such as absolute positioned boxes, use of the transform style, <form> and <input> elements, background images, missing e-mail subject, invalid e-mail addresses etc.
- Integrity of hyperlinks
- Load errors
- Missing images
- Content overflow
- Syntax errors
- Custom runtime errors and warnings
- System-generated runtime errors

31. Automation Using PlanetPress® Workflow 8:



If you wish to use PlanetPress® Workflow (automation) in conjunction with PlanetPress® Connect, you will need to install PlanetPress® Workflow 8 onto the same machine.

PlanetPress® Workflow 8 can be installed in parallel on the same machine as an existing PlanetPress® Suite 7.x installation. Note however:

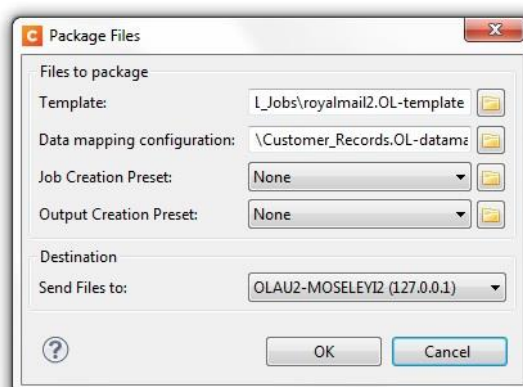
- If both versions need to be hosted on the same machine, PlanetPress® Workflow 8 should always be installed after the legacy PlanetPress® Suite 7.x installation.
- When uninstalling PlanetPress® Workflow 8, you may be prompted to repair your legacy PlanetPress® Suite 7.x installation.
- If PlanetPress® Workflow 8 is installed alongside PlanetPress® Workflow 7, Capture can no longer be used with Workflow 7. The plugins are now registered uniquely to Workflow 8 and the messenger for Workflow 7 is taken offline. It is only then possible to use Capture from PlanetPress® Workflow 8.

Note that Fax and Archive in PlanetPress® Workflow 8 will not fax and archive with indices with PlanetPress® Connect 1.0.1. This will be introduced with Version 1.1 of Connect.

For more information on installing and licensing Workflow 8, please see the accompanying *PlanetPress® Connect 1.0.1 Installation and Activation guide*.

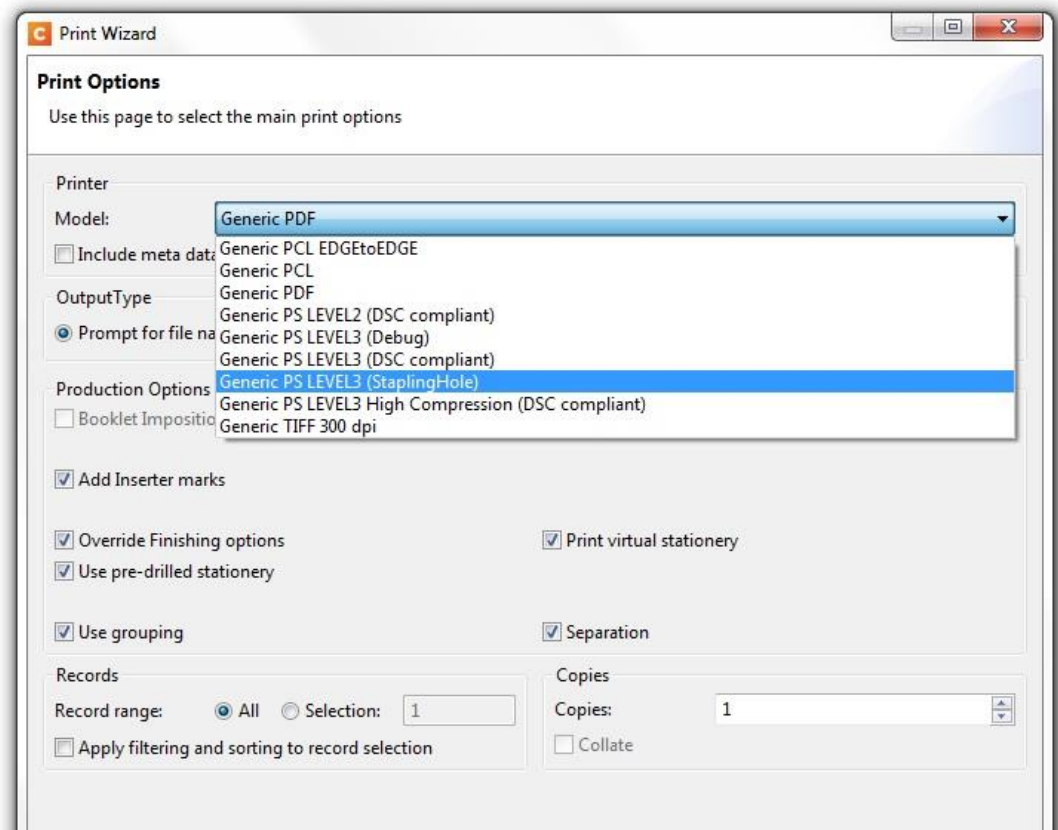
32. Package Files for Workflow 8.0.1

A “Package Files” option is included in the File menu which allows you to package up your Template, Data mapping configuration, Job Creation Preset and Output Creation Preset and send them to Workflow 8 for automation or to a file:



33. Print Wizard

PlanetPress® Connect provides a Print Wizard for easily making your output specific settings. Go File|Print and then select the “Advanced” button in the subsequent dialog to open the wizard:



- Select the required “Printer Model” from the dropdown list (dependent on your license)
- Specify the “Output Type” e.g., Windows Printer
- Select the required “Production Options” (note that Booklet Imposition is not supported in Version 1.0.1)
- Specify the records to be produced and whether filtering and sorting should be applied
- Specify the number of copies and whether they should be collated.

The following pages of the Print Wizard will then depend on the options you have selected on the start page.

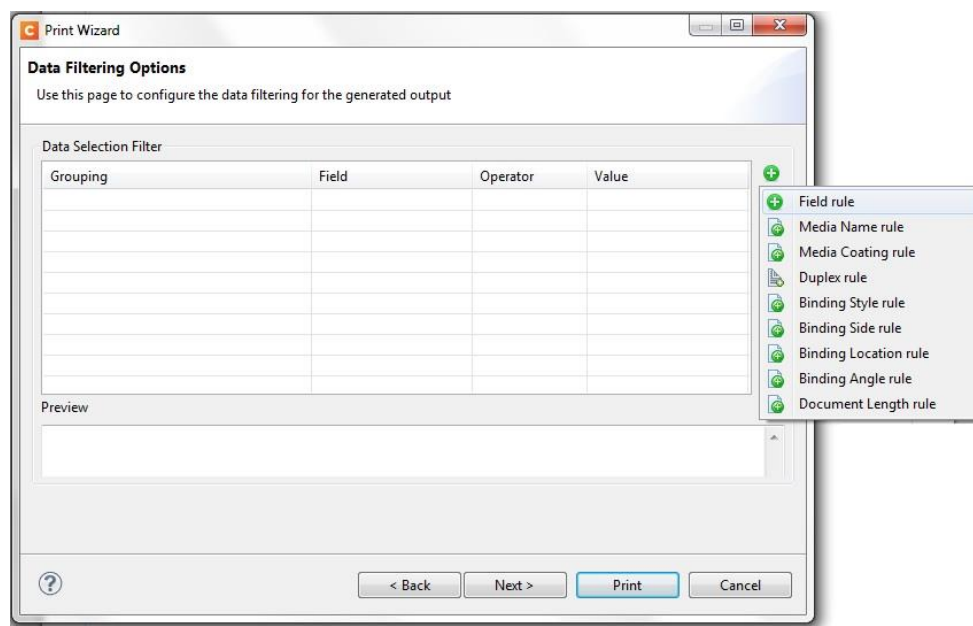
34. Metadata Support

In PlanetPress® Connect, data can be passed to the output engine for the creation of metadata for:

- PDF-VT tags
- Tagged Logical Elements (TLE's)
- Archive Indexes

35. Data Filtering Options

The Print Wizard includes various options for filtering data as shown in the following illustration:

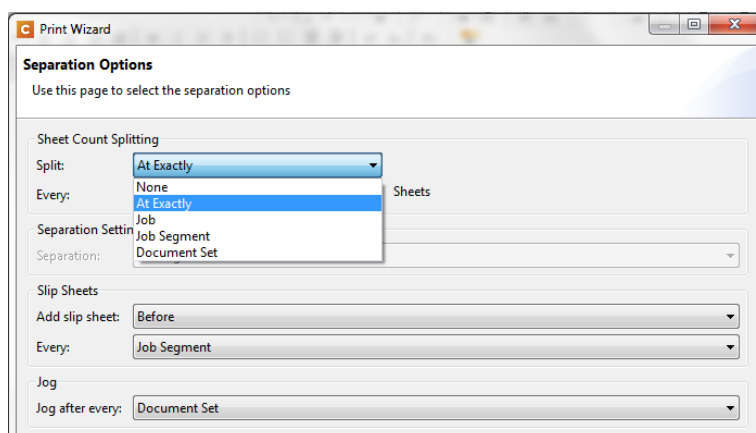


Note: when using only the Designer without the Server installed, only the “Field rule” and “Document Length rule” will be applicable. This is because the content sets generated from the standard Print Wizard are a single template/data combination. In the Server environment it is intended that users can merge multiple content sets in a single run and so the additional options allow filtering of specific content.

It is possible however to create configurations using these rules and save them for use in the Server environment.

36. Separation Options

Separation options, including page count splitting, can be specified on the following page of the Print Wizard:



37. Finishing

The following Finishing options are supported in PlanetPress® Connect:

- Tray\media selection, cut & stack and n-up
- Subset stapling of individual documents, corner stapling of both portrait and landscape documents; subset booklet printing and saddle stitching with fixed page count signatures
- Mixed unstapled and subset-stapled documents
- Subset finishing is supported in the output engine.
- Stapling can be applied to a complete document with sub sections
- Jogging
- Slipsheet capabilities in the Printer Definition config
- Finishing at PCL document level
- Finishing at PS\PCL section level

38. Finishing Options for PostScript® Printers

PlanetPress® Connect supports Finishing on a document level for any PostScript® printer:

- The Finishing options are governed by a Printer Definition Configuration (PDC) file which must be loaded in the Advanced settings in the Print Wizard.
- The PDC needs to contain all of the finishing settings available to your PostScript® printer.
- The PDC provides more power and flexibility than a regular PPD in that it allows the inclusion of logic and conditional processing and also forms a basis for extending this power to other datastreams in the future.
- The PDC files are created and supplied by the Objectif Lune Support Team. Please contact your local Support team for more information.
- Some example PDC's are provided with Version 1.0.1 as a reference (ol.printerdefinition).

The following shows an extract from an example PDC:

```
<property name="setFinishing" fromScope="SET" toScope="FILE" count="false">
  <attribute name="staple" default="0">getStapleValue(set)</attribute>
  <attribute name="stapleLocation" default="None">getStapleLocation(set)</attribute>
  <attribute name="punch" default="0">getPunchValue(set)</attribute>
  <attribute name="punchLocation" default="0">getPunchLocation(set)</attribute>
</property>
```


Why is using a PDC more powerful than a PPD?

Using a PDC provides more power and flexibility because it allows you to:

- Gather information about the job as a whole (e.g., the media and finishing settings used, number of pages, number of documents, etc.)
- Conditionally insert commands (e.g., only put a setpagedevice at the beginning/end of a sheet instead of at each logical page)
- Define subset finishing (e.g., perform actions on document, set, segment and job boundaries)
- Perform logically related settings in a single command (e.g., all the media-related settings are in a single insert, avoiding the possibility of specifying one setting but not the other)
- A PPD only allows you to select from a list of values (which is usually a closed list) while a PDC allows you to insert properly encoded arbitrary values (e.g., names, colours, weights of media which may not be included in a PPD)

What is the relationship between the PDC and the Finishing settings in the GUI?

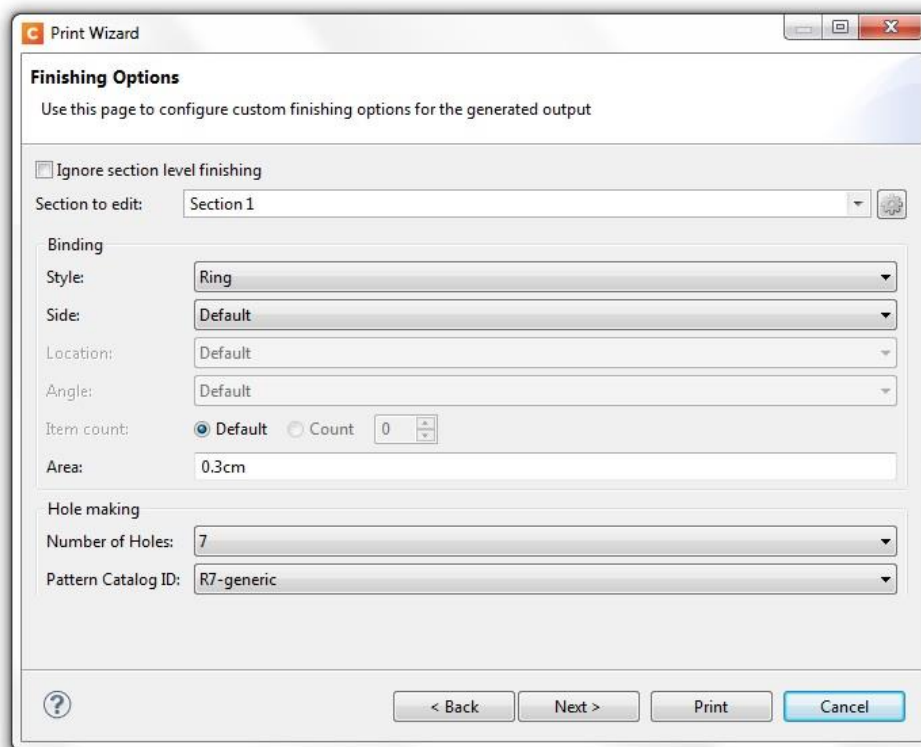
The PDC enables the Finishing controls in the PlanetPress® Connect Designer GUI. It specifies which Finishing controls set in the GUI will be applied on production of the template.

For example, if you select “Stapled” in the Designer, stapling will only be applied providing it is supported in the PDC.

In other words, all of the Finishing options are available for selection in the GUI but they must be present in the associated PDC in order for them to work.

What about the Override Finishing options in the Print Wizard?

Any “Binding” or “Hole Making” option set in the Designer which is supported by the PDC can be overridden by the corresponding settings in the Print Wizard:



- Specify the style of binding e.g., Ring, Stapled, Glued, Stitched etc.
- Specify the location, area and angle of the binding
- Specify the number of holes required and the pattern.
- Note the the “Section to edit” control is not currently supported

Overriding Finishing in Multiple Sections

Ignore Section level finishing and apply all finishing at a document level

To do this, check the "Ignore section level finishing" checkbox and set the required binding and hole options. At print time this will apply the specified finishing options to the entire document rather than applying finishing at individual section levels. For example, if a template has 2 sections and document level stapling is applied, the pages from both sections will be combined and stapled as one single document.

Override a combination of document and section finishing

In this scenario, uncheck the "Ignore section level finishing" checkbox and use the “section to edit” combo box to select the required finishing settings for document and section levels. For example, if you had a two section template you could apply stapling on each of the sections individually and then

apply ring binding to the entire document. This would result in a ring bound document consisting of two stapled sections.

Ignore document level finishing and override section level finishing

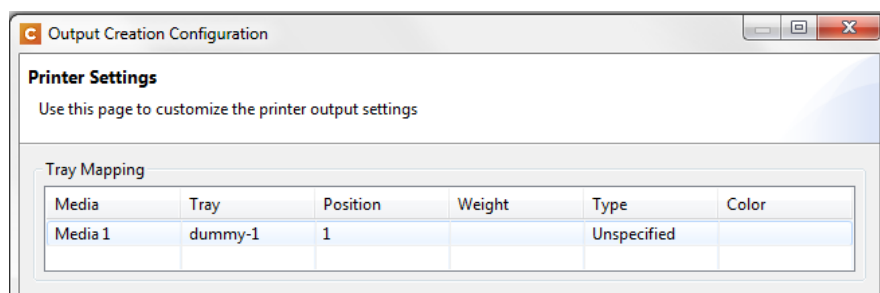
In this scenario you would perform the following:

- Uncheck the "Ignore section level finishing" checkbox
- Select document finishing in the combo box and specify "None" for the binding style
- Select the other sections in the combo box and apply the required finishing settings

The result would be a document where the required binding finishing is applied to each section in the document but no overall binding finishing is applied to the entire document.

39. Media Mapping for PostScript Printers

PlanetPress® Connect provides two types of mapping to PostScript printers (Media and Properties) using the Tray Mapping table in the Printer Settings:



Media	Tray	Position	Weight	Type	Color
Media 1	dummy-1	1		Unspecified	

- The table has six columns which allow the user to specify any combination of position, weight, type and colour
- At least one of the position, weight, type and colour values must be specified. e.g. the user could specify a weight of 80 and leave all the other fields blank
- Setting the value for a tray on one line will cause that value to be updated on all other lines in the table that use the same tray name e.g., if there are two media and "tray1" is assigned to each of them, changing the weight on one line will also change the weight in the other line. This keeps the trays in sync.
- When initialised the table will contain one row for each media and will be populated with as much available information from the media (e.g. specified weight, type and colour) although this is limited by the number of trays that are specified in the printerdef.

For example if the template had 3 media:

media1: weight 80, type unspecified
media2: type letterhead, color white
media3: type unspecified

and the selected printerdef had 2 trays:

tray1: 1
tray2: 2

the table would appear as follows:

Media	Tray	Position	Weight	Type	Colour
media1	tray1	1	80	Unspecified	
media2	tray2	2		Unspecified	white
media3	tray1	1	80	Unspecified	

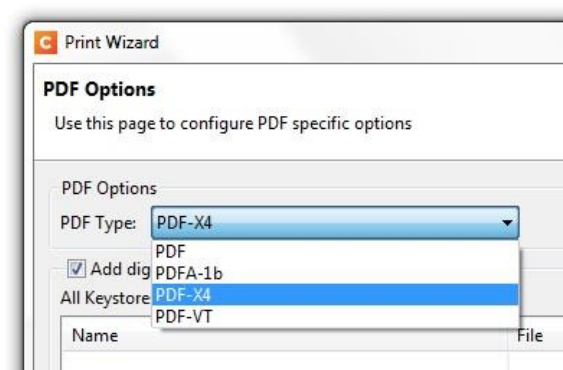
40. Conditional Selection of Media

In some cases it may be necessary to apply different media for the output depending on the value of a data field. The Media to be conditionally specified using scripting for the sheet positions in the current section:

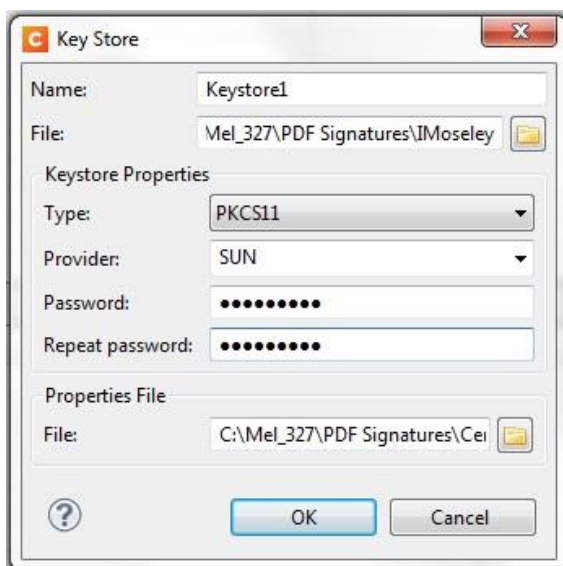
- The media is defined for each sheet position in the Sheet Configuration dialog. The following sheet positions are allowed: first, middle, last, single
- Each Media entry in the Sheet Configuration displays a script icon. Click on the icon to invoke a plain script editor with a script with query selector for that specific section + sheet
- The head element of a print section will automatically receive META elements for each sheet
- The media can be overridden by setting the content attribute of the given META element.
- The content attribute of the META elements will initially be empty i.e., use the media as specified in the Sheet Configuration dialog.
- Media set by scripts are propagated to the Main Editor in Preview and Live mode

41. PDF Options and Signatures

A PDF Options page in the Print Wizard allows you to make PDF-specific settings. It allows you to select the required PDF type (PDF, PDF/A-1b, PDF-X4 and PDF-VT):



It also allows you to set up PDF signatures for your output. First you must set up a Keystore and add it to the All Keystores table. To do so, click on the green plus icon to open the following dialog.



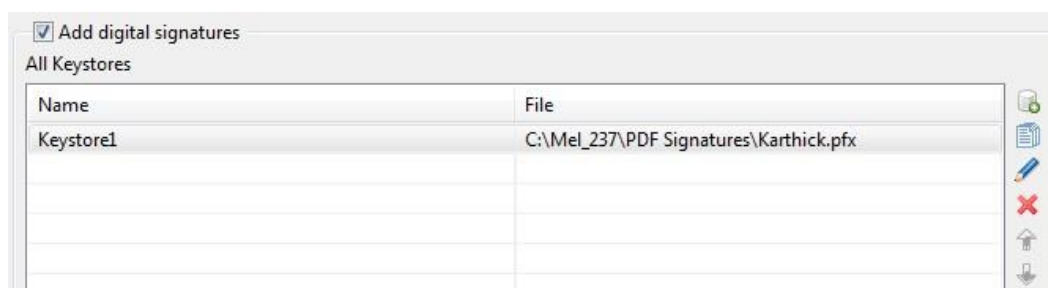
Enter a unique name for the keystore and browse to the required .pfx Personal Information Exchange file.

You must then specify the required Keystore Type (JKS, PKCS11 or PKCS12).

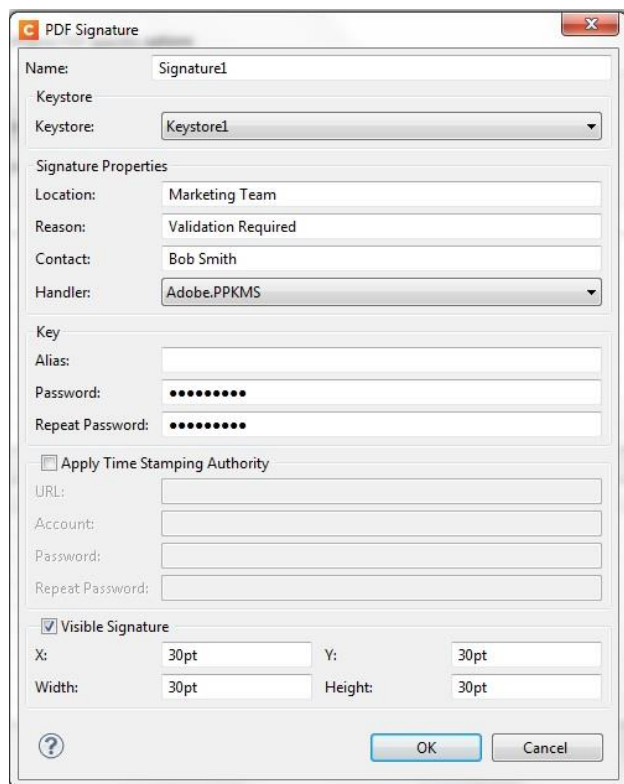
The Provider is set to SUN by default. Note that this entry will sometimes fail in Version 1.0.1 and should be left blank. This is a known issue and will be addressed in a later release.

You must then enter the password associated with your certificate and then browse to the required Properties File i.e., security certificate (format = .cer).

When you have finished making your settings, click OK to add the Keystore to the table (note that if a Keystore is assigned to a signature, it cannot be deleted from the list):



You must then specify the actual PDF signature to be used in the template. Click on the green plus icon next to the All Signatures box to open the PDF Signature dialog:




The PDF Signature dialog box contains the following fields and options:

- Name:** Signature1
- Keystore:** Keystore1 (dropdown)
- Signature Properties:**
 - Location:** Marketing Team
 - Reason:** Validation Required
 - Contact:** Bob Smith
 - Handler:** Adobe.PPKMS (dropdown)
- Key:**
 - Alias:** (empty)
 - Password:** (masked with dots)
 - Repeat Password:** (masked with dots)
- ☐ **Apply Time Stamping Authority**
 - URL:** (empty)
 - Account:** (empty)
 - Password:** (empty)
 - Repeat Password:** (empty)
- ☒ **Visible Signature**
 - X:** 30pt **Y:** 30pt
 - Width:** 30pt **Height:** 30pt

Buttons: ? (help), OK, Cancel

- Provide a unique name for the signature and select the Keystore on which it should be based.
- Provide details about the reason for the signature and the contact person (can be left blank).
- Provide the password for the specified Keystore (same password as the previous dialog) plus any Alias.
- Set up timestamping if this is required, e.g., if you wish to use VeriSign (the Handler setting must be VeriSign PPKVS or Adobe PPKMS).
- Specify whether or not the signature should be visible in a designated area in the document.
- Click OK when you have finished making your settings to add the signature to the All Signatures box.

Any number of signatures can be set up for the template providing that each is based on one of the specified Keystores. When you now produce your template to PDF, the signature you have set up will be assigned to your template:



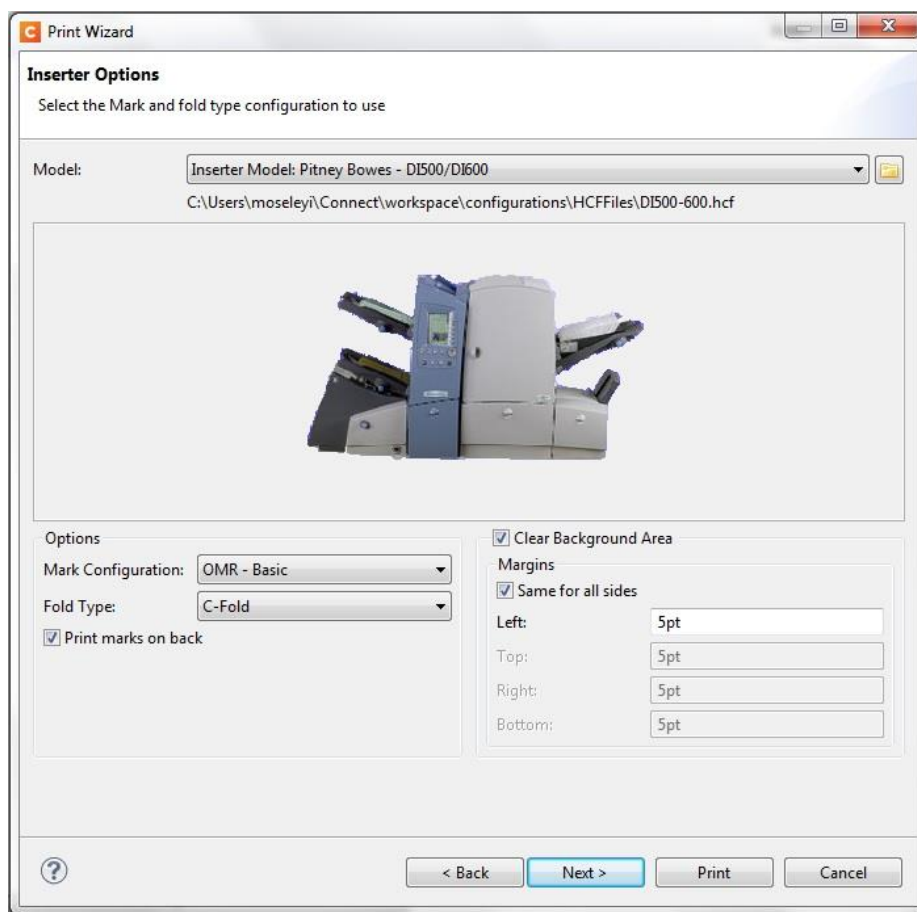
The image shows a PDF document preview with a status bar at the top stating "Signed and all signatures are valid." Below this, a "Signatures" panel on the left displays details for "Rev. 1: Signed by Karthick <rajamanik@au.objectiflune.com>". The details include:

- Signature is valid:
 - Document has not been modified since this signature was applied
 - Signer's identity is valid
 - Signing time is from the clock on the signer's computer.
 - Signature is LTV enabled
- Signature Details:
 - Last Checked: 2014.09.19 16:08:20 +10'00'
 - Field: Signature1 on page 1
 - [Click to view this version](#)

The main content of the PDF document on the right includes the "OBJECTIF LUNE" logo, the website "www.objectiflune.com", the address "2030 Pie-IX Blvd, Suite 500, Montreal (Quebec) Canada H1V 2C8", and the date "September 19, 2014".

42. Inserter Options and OMR Settings

The Inserter options and OMR settings are provided on dedicated pages of the Print Wizard:



- Specify the required inserter machine in the “Model” box
- Select the OMR type and Fold type in the “Options” box, including whether the OMR should be printed on the front or the back.
- Specify a white background for the OMR and its margins

Enhancements in the Latest Version

Enhancements in PlanetPress® Connect 1.0.1 and PlanetPress® Workflow 8.0.1 over the previous releases include the following:

1. In PlanetPress® Connect 1.0.1

- It was sometimes not possible to start the PlanetPress® Connect Designer on a Windows VM on an Apple-Mac machine. This has now been fixed (SHARED-27616)
- HTML elements can now be re-arranged by "dragging and dropping" them within the Outline view. (SHARED-26307)
- Image files contained in read-only folders were not included in the output. This has now been fixed. (SHARED-24260)
- Images set using the background-image property were not being included in the final PDF output. This issue has been fixed. (SHARED-27276)
- After adding new media to an existing template and then saving it as a new template, the new template would sometimes error upon re-loading. This issue has been fixed (SHARED-27799)

2. In PlanetPress® Workflow 8.0.1

- Job Sets has now been added as a retrievable type in the "Retrieve Items" plugin in order to allow job sets to be marked for deletion are retrieving an item. The Set Properties plugin can also now assign a property to a job set. (LPPS-23991)
- Issues were encountered when creating PDF's from Workflow 8.0.0 after upgrading from 7.6.1. These issues have now been fixed. (LPPS-24052)
- A conflict was occurring with parallel installations of 7.6.x and 8.0.0. The CreatePDF steps within 7.6.x would incorrectly point to the v8.0.0 document folders. This has been fixed. (LPPS-23975)
- Issues were being encountered in the job cleanup phase, whereby files would sometimes be left behind. These issues have been fixed. (LPPS-23975)
- Resources saved within PlanetPress® Connect Designer were incorrectly appearing in the Workflow Connect plug-in documents. This has been fixed. (LPPS-23959)
- Issues were found during job creation after "Retrieve Items" was called. The fix for this issue has introduced new behavior for the Create Job plugin. It is now mandatory to choose "Use IDs in metadata" when the metadata contains only content items. (LPPS-23970)

Earlier Enhancements

Enhancements in the Version 1.0 release over earlier Release Candidates and Betas include the following:

1. Installer Improvements

- Ability to configure the Update Client for automatic notification of product updates
- The installer now supports the user names with double-byte characters (SHARED-24325)
- Filter added for *.OLConnectLicense in the License Activation dialog (SHARED-24975)

2. DataMapper Improvements

- When opening a template, the datamapper associated with the template now automatically opens with it and does not need to be reassigned (SHARED-25866)
- Temporary files and folder created in the location of MDB files are now deleted (SHARED-20296)
- The Data Editor menu bar is now aligned correctly when the editor is resized (SHARED-20541)
- “Undo” has been implemented for step properties (SHARED-20728)
- Access is Denied message fixed in Generate Counters wizard (SHARED-23872)
- Improvements in handling Thai diacritics (SHARED-24110)
- Default values can now be defined for Data Model fields (SHARED-25564)

3. Designer Improvements

- Support added for toggling Switch controls (SHARED-25371)
- Improved dialog for adding hyperlinked text (SHARED-19483)
- Improved dialog for adding images (SHARED-19502 and 19504)
- Improved dialog for handling section properties (SHARED-19506)
- Improved handling of copy and paste (SHARED-19591)
- Dragging and dropping a field now focuses the main editor (SHARED-18497)
- Issue fixed around replacing text (SHARED-6063)
- Improved handling of font colors, strikethrough and underline formatting in text (SHARED-9916, 9951 and 24737)
- Improved handling of resize placeholders and grippers for rotations (SHARED-10875)
- Improved handling of dynamic images (SHARED-14564)
- Multiple starting of the Designer and Server now suppressed (SHARED-19936)
- Improved handling of the font control and name in the Font Control (SHARED-20102)

- Image preview improved in Resource view (SHARED-22272)
- The Resource panel is now updated when undoing Create Snippet (SHARED-23408)
- Improved handling of images when previewing web and email templates in external browsers (SHARED-23351)
- Improved packaging of files (SHARED-23061 and 24435)
- Scripting: empty () command introduced to remove child nodes in a set of matched elements (SHARED-22149)
- Improved loading of images (SHARED-23630)
- Improved refreshment of document boundaries (SHARED-23844)
- Improved handling of Royal Mail Mailmark barcodes (SHARED-24367)
- Preflight messaging improved for missing images (SHARED-24241)
- Creating a Text Script from selected text was not reusing the existing script for the same text (SHARED-24218)
- Improved scrolling arrows in wizards (SHARED-24317)
- Improved handling of styles and structure in Email Wizard (SHARED-24358 and 24388)
- Support added for roaming profiles e.g., when a user profile is located on the network (SHARED-25059)
- Improved handling of the preflight check on UPCE barcodes (SHARED-24901)
- Emails are now only sent to Sender in Demo mode (SHARED-24770 and 25542)
- Improved loading of package files with presets (SHARED-24508)
- Moving an image inside a template could sometimes removed the source value (SHARED-24510)
- Text style toolbar buttons now enabled for collapsed text (SHARED-24968)
- Initial format now set for field types when creating a text script by dragging and dropping a data field into the Designer's editor (SHARED-25018)
- Outline is now updated when editing a HTML source (SHARED-24892)
- Alerts now handled in remote merge engines (SHARED-24886)
- Context menu made consistent for inserted object (SHARED-24652)
- Smart Insert mode included for CSS, HTML and JS Editors (SHARED-24648)
- Arabic is now supported (SHARED-24534)
- Improved handling of barcode configurations (SHARED-24611)
- Migration issue fixed when reusing an extracted template (SHARED-25554)
- Issue fixed with conversion to upper case after applying bold or italic (SHARED-25406)
- Improved performance when selected deeply nested text (SHARED-25603)
- Improved handling of snippets (SHARED-26117, 26114, 25893 and 25718)
- Add|Delete Table now available in the context menu (SHARED-25762)
- Merge engines now automatically restarted (SHARED-25901)

- Improved handling of subtotals in detail tables (SHARED-25428)
- Redesigned Preferences\Scheduling dialog to prevent the specified number of Weaver engines becoming out of sync with the number permitted by the license file and to improve general usability (SHARED-24681)
- Various other minor improvements to the Designer user interface.

4. Print Wizard\Output Improvements

- New Media Color option in Media Properties (SHARED-25129)
- Improved support of Tumble options for PostScript printers (SHARED-18186)
- Improved handling of dynamic PDF images in output (SHARED-9218)
- Improved handling of large PDF's (SHARED-15339)
- Improved handling of 20K record documents when the detail table is based on a DM Configuration with a post processor (SHARED-17624)
- Support has been added for EFI controller print job naming (SHARED-22619)
- Improved PCL Finishing options (SHARED-22303)
- Improved handling of OMR marks in output (SHARED-23469)
- Dotted borders improved in output (SHARED-23045)
- Sections are now outputted in the order in which they were created (SHARED-26290)
- Watermarks have now been implemented for all output types (SHARED-21285)
- Proof printing with watermarks has been implemented for all unlicensed versions of Designer (SHARED-23028)
- Out of memory issue addressed when printing documents containing many images (SHARED-24290)
- Jogging now implemented for Job Segments (SHARED-24805)
- Slipsheet support is now added (SHARED-24683)
- Database problem fixed when running large jobs (SHARED-25077)
- Tray mapping improved for Xerox 4112 Freeflow (SHARED-25079)
- Improved previewing of OMR marks (SHARED-25083)
- Email output now more aligned with Preview (SHARED-25416)
- Improved warning messages when sending emails (SHARED-25574)
- Preflight now checks for unsupported URL's (SHARED-25390)
- Improved handling of merge engines to improve performance (SHARED-25997)
- Duplex now supported for Grouping in PostScript® (SHARED-25953)
- Server engine timeout fixed when a job exceeded the default setting of 60 minutes (SHARED-25792)
- Improved handling of PDF\VT (SHARED-25881)

5. Workflow-Specific Improvements

- A dedicated task is now available to remove data and content from the Connect database (LPPS-22731).
- It is now possible to specify a section name when generating HTML content (LPPS-23813).
- The HTTP Server now has an option to deliver a default Index.html file when a web client simply points to the machine's URL without any process name in the URL (LPPS-23840)
- PlanetPress Image and the Digital action task now allow changing file properties for PDF/A files (LPPS-22851)
- Improved handling of the clean up process after running for 8 hours (SHARED-22826)
- Workflow can now create content using only process information i.e., no data (SHARED-25567)

Known Issues

1. Commingling

The Commingling functionality in PlanetPress® Connect will be licensed separately from Version 1.1 onwards but is available for general review in Version 1.0. After the release of Version 1.1, the license will check whether commingling has been enabled. If it has not been enabled it will check during job creation that all referenced content items are sourced from a single template (thereby allowing batching and splitting but not commingling).

2. PCL-to-PDF Plugin and PCL Input Features

The PCL-to-PDF Plugin and the PCL Input feature are not available in PlanetPress® Connect Version 1.0. These will now be introduced in a later release.

3. Using Capture After Installing Workflow 8

After PlanetPress® Workflow 8 has been installed alongside PlanetPress® Workflow 7, Capture can no longer be used with Workflow 7. The plugins are now registered uniquely to Workflow 8 and the messenger for Workflow 7 is taken offline. It is only then possible to use Capture from PlanetPress® Workflow 8.

4. Colour Model in Stylesheets

In Version 1.0 the colour model of colours defined in a stylesheet can sometimes change after editing the stylesheet. This is a known issue and will be addressed in a subsequent release.

5. PlanetPress® Connect Version 1.0 available in 32 Bit Only

PlanetPress® Connect Version 1.0 is available as a 32 Bit application only. 64 Bit will be introduced in a later release.

6. Indexes in PlanetPress® Fax and Image

PlanetPress® Fax and Imaging are unable to archive with indexes in Version 1.0. This will be fixed in Version 1.1.

7. Online Help Links Point to Introductory Page

Context sensitivity for the online help is disabled in PlanetPress® Connect Version 1.0 meaning that all links and F1 calls currently point to the introductory page of the help. Context sensitivity will be re-introduced in a subsequent release of PlanetPress® Connect.

8. Legal Notices and Acknowledgements in the Connect About box

In PlanetPress® Connect Version 1.0, the link to the “Legal Notices and Acknowledgements” in the About box currently points to the introductory page of the online help. To read the legal notices you must navigate through the online help using either the contents tree or a search. The path for this link will be addressed in a subsequent release of Connect.

9. Online Help for Workflow 8

In Workflow 8 the online system currently points to the legacy help system of PlanetPress Suite 7.6. This will be fixed in a subsequent release.

10. Job does not Cancel on Error

The Designer can sometimes appear to hang when encountering an error. If you then attempt to abort the job, the job does not cancel.

11. Black Screen sometimes appearing in the Designer

The Designer window can sometimes turn black after opening and closing multiple templates. This is a known issue and will be addressed in a later release.

12. Registration of PReS Plugin for Watch

In the current version of PReS (6.3.0) the dll for the PReS Plugin for Watch has to be installed and registered manually. This will be automated with the release of PReS 6.3.1.

13. PDF Output sometimes produces random error

When running PDF output multiple times, an “Object XX is not defined” error can sometimes occur. This problem only occurs on Windows 8.1 and will be fixed in a later release.

14. Dragging and Dropping a Step into a Condition

Dragging and dropping a step into a condition or repeat step can sometimes delete the step. This will be addressed in a later release.

15. Encoding

Issues may sometimes be encountered in menus and templates when running PlanetPress® Connect on a non-English operating system. These are due to encoding issues and will be addressed in a later release.

16. Hebrew

Note that Hebrew is not fully supported in Version 1.0. Full bi-directional processing of Hebrew will be introduced in a later version of PlanetPress® Connect.

17. Templates and Data Mapping Configurations from earlier Betas and Release Candidates

Please note that templates and data mapping configurations created in earlier Betas and Release Candidate versions may not open or function correctly in Version 1.0.

18. Merge\Weaver Engines when Printing

The print operation in the Designer will automatically detect whether the Merge\Weaver engines are available and display a message for the user to retry or cancel if not. Once the Merge\Weaver engine becomes available and the user presses retry the print operation will proceed as normal. This message can also occur in the following circumstances:

- If the server is offline and you are not using proof print
- On some occasions before the Print Wizard opens

19. REST Calls for Remote Services

The Server will now accept REST calls for all remote services and will make commands wait indefinitely until the required engines become available. The Server will log when it is waiting for an engine and when it becomes available. Note that there is no way to cancel any commands other than stopping the Server.

20. Print Content and Email Content in PlanetPress® Workflow

In PlanetPress® Workflow's Print Content and Email Content tasks, the option to Update Records from Metadata will only work for fields whose data type is set to String in the Data Model. Fields of other types will not be updated in the database and no error will be raised. This will be fixed in a later release of PlanetPress® Connect.

21. PlanetPress® Workflow Create Job task requires a Job Preset task

In order to run the PlanetPress® Workflow Create Job task, you *must* select a Job Preset task first. The Job Preset values themselves will be ignored, however, and the Job structure will actually be dictated by the metadata, not the Job Preset. This will be fixed in a later release of PlanetPress® Connect.

22. VIPP Output

Some templates set up with landscape orientation are being produced as portrait in VIPP. It can also sometimes be the case that text and images can be slightly displaced. These are known issues and will be addressed in a later release of PlanetPress® Connect.

23. Print Limitations when the Output Server is located on a different machine

The following limitation may occur when using the Print options from a Designer located on a different machine to the Output Server:

- The file path for the prompt and directory output modes is evaluated on both the client AND server side. When printing to a network share it must be available to BOTH the Designer and Server for the job to terminate successfully.
- The Windows printer must be installed on both the Server and Designer machines.
- When printing via the Server from a remote Designer, the output file remains on the Server machine.