

AUTOPAGE USER GUIDE

The logo for StiboSystems, featuring the company name in a white sans-serif font with a small crown-like icon above the 'i' in 'Stibo'. The logo is positioned on the left side of the page, partially overlapping a large orange triangle that points to the right.

StiboSystems

STEP Trailblazer

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Introduction

About This Guide

The STEP AutoPage User Guide contains information about how to use auto pagination in STEP to automatically paginate product presentations.

The guide assumes the following.

- That users have a basic knowledge of the STEP system.
- That users have a basic knowledge of STEP'n'design

The guide only contains information about STEP AutoPage. For more information about the STEP system and publication creation, see the STEP User Guide and the Online Help. For more information about creating templates, see STEP'n'design User Guide.

About STEP AutoPage

STEP AutoPage is used to create autopaginated publications. This means that with minimal manual effort you can paginate, for example, an entire catalog onto one or more pages in a single operation.

To use STEP AutoPage, the following is recommended:

- Basic knowledge of STEP
- Basic knowledge of STEP'n'design

Note: Supported versions of Adobe InDesign are CS6, CC 2015 (CC11), and CC 2015.4 (CC11.4.0, June 2016 release).

AutoPage Component Requirements

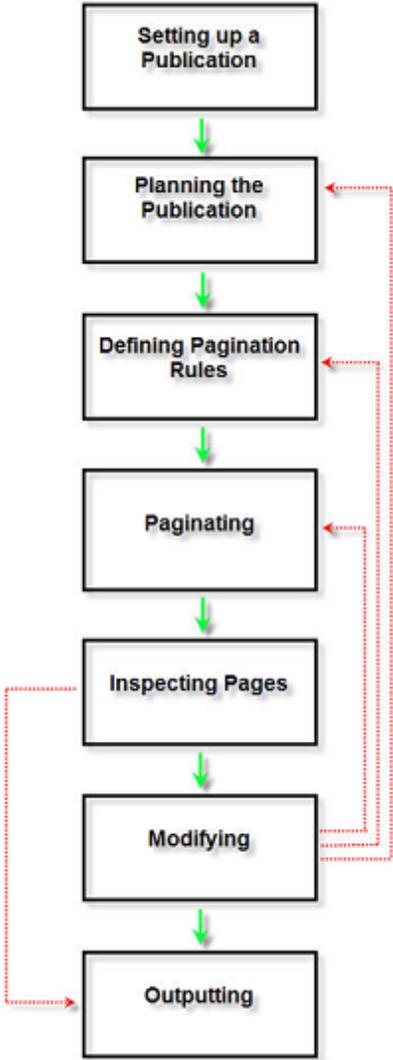
To use the STEP AutoPage component, the following components are required in addition to the STEP Information Server:

- STEP Publisher component
- STEP AutoPage component

Other components may be required for specific features.

Creating a Publication in AutoPage

The autopagination process contains the following high-level steps.



Setting up a Publication

First, you have to create a publication structure that defines the versions, sections, subsections and other elements of the publication. Also, before you can create an autopaginated publication, you must define a publication template and one or more product templates in InDesign. You then apply the publication template and product templates to the relevant publication. Alternatively, you can use an existing publication as the starting point for a new publication. For more information about creating publications, see **Creating a Publication in STEP Workbench** in the **Getting Started / STEP User Guide** documentation.

Planning the Publication

The next step is to define which products, assets, and classifications you want to include in the publication, and to specify where they belong in the publication structure. You can either drag and drop products, assets, or classifications to link them to a section, or you can import a file that contains the IDs of the objects.

You link products, assets, and classifications to the sections or subsections in the sequence that you want them to be paginated. For more information, see **Selecting Objects for an AutoPage Publication** in the **AutoPage** documentation.

Defining Pagination Rules

Pagination rules control how, when, and where product presentations are added to a page. For more information, see **About AutoPage Pagination Rules** in the **AutoPage** documentation.

Paginating Publications

You can now start paginating the publication or sections or subsections. For more information, see **Autopaginating Pages** in the **AutoPage** documentation.

Inspecting Pages

To verify that the pages look the way they should, you can view and inspect the paginated pages using the Page Inspector or AutoPage Publication Planner. For more information, see **Inspecting and Editing Pages** in the **AutoPage** documentation.

Modifying Pages

If necessary, you can modify the sequence of objects, manually reposition objects, remount objects, reflow pages, set a different vertical justification, check if an update is needed, and update and set new page numbers.

For more information about modifying pages, see **Inspecting and Editing Pages** in the **AutoPage** documentation.

Updating Pages

You can update the pages with new data from the STEP database by starting an update process. For more information, see **Inspecting and Editing Pages** in the **AutoPage** documentation.

Setting Page Numbers

When you have updated the pages, you can set the page numbers to ensure consecutive numbering of sections. For more information, see **Inspecting and Editing Pages** in the **AutoPage** documentation.

Exporting Pages to PDF

You can export the pages to a high-resolution PDF. For more information, see **Inspecting and Editing Pages** in the **AutoPage** documentation.

About Templates in AutoPage

In order to plan and design a catalog in AutoPage, you must use a **publication template** and one or more **product templates**. Before you start using AutoPage, the publication template and product templates must have been created in InDesign and stored in STEP.

The following is a brief description of the different types of templates. For more detailed information about the creation and configuration of publication and product templates, see the following sections of the STEP'n'design documentation:

- Publication Templates
- Product Templates

Publication Templates

A publication template defines the document size and margins and contains information about static elements such as page tabs. It also contains definitions of all paragraph and character styles to be used from the product and price templates. Furthermore, it defines where to mount static content such as thumb tabs and continuation notes that should be mounted on all pages.

Note: A continuation note is a note that indicates that a product continues, for example, on the next page if the pagination rules allow the product to split.

A publication template is used to create the PDF files of your pages, to create a preview of your pages and to mount the pages in InDesign.

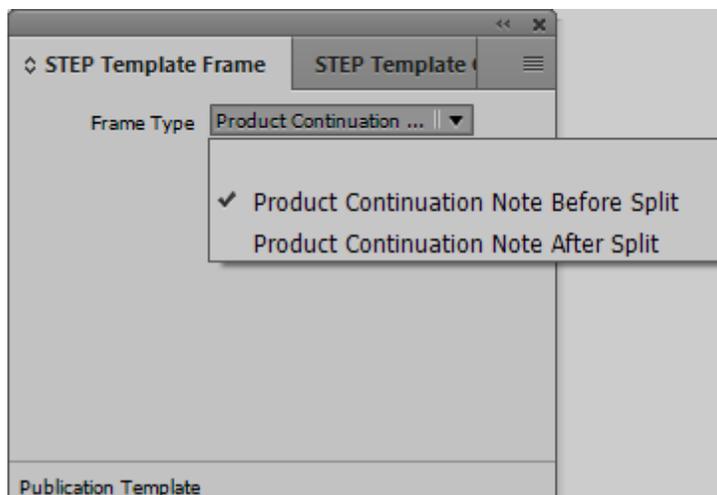
A publication template can contain a number of spreads, where each spread, for example, defines different section specific objects.

When you use a pagination rule, you can assign a spread in the publication template to a section. This way, the pages in that particular section will be built using the static content of the publication template spread.

Configuring Product Continuation Notes on Publication Templates

Product Continuation Notes, which are only valid for AutoPage publications, are added to publication templates from the STEP Template Frame palette. Two Frame Type options are available for product continuation notes:

Product Continuation Note Before Split and **Product Continuation Note After Split**.



In order to use product continuation notes you must set up the relevant AutoPage pagination rules for your publication. For more information on pagination rules, see **About Pagination Rules**.

Product Templates

A product template enables you to mount fully formatted product presentations directly to the page. The product template controls the following:

- Which attributes are part of the product presentation
- The formatting of the product presentation such as fonts, styles, and so on
- The position of the individual elements

Overview of the AutoPage Interface

STEP AutoPage consists of four main tabs: the Publication tab, the AutoPage Publication Planner tab, the Pagination Rules tab, and the Page Inspector tab.

Publication Tab

In addition to the standard publication-related options available on the **Publication** tab (including assignment of the publication template, product template[s], and layer mappings), AutoPage publications include an **Auto page Document Level** setting. This setting determines the section or subsection level at which InDesign documents (actual pages) are stored. The below screenshot shows the location of an InDesign document stored in a publication with an AutoPage Document Level setting of 3.

The screenshot displays the AutoPage interface. On the left is the 'Tree' view showing a hierarchy of publications. On the right is the 'Acme Tools 2017 - Publication' properties panel.

Tree View:

- Autopage Publications
 - Acme Tools
 - Zeta Tools 2016
 - Acme Tools 2017
 - Commercial Data
 - Volume 1
 - Volume 1A
 - Hand Tools 2017
 - 20695
 - 20714
 - DTP Documents
 - 1-Hand Tools 2017
 - 1
 - 2
 - 3
 - 4
 - 5
 - 6
 - 7
 - Toolboxes 2017
 - Garden Tools 2017
 - DTP Documents
 - DTP Documents
 - Volume 2

Publication Properties Panel:

Acme Tools 2017 - Publication	
Description	
Name	Value
ID	110577
Name	Acme Tools 2017
Object Type	Publication
Revision	0.1 Last edited by USER on Tue Nov 03 17:10:59 EST
Path	Publications/Autopage Publications/Acme Tools 2017
Pages per spread	2
Auto page Document Level	3
Publication template	Doc-dev pub temp (107822)
Output engine	InDesign
DTP Queue	
Mail Date (same as Effective)	[31]
Total Number of Items	123
Effective Date	[31]
Expiration Date	[31]
Catalog Theme	abc

For more information on the standard configuration options available on the Publication tab, see **Creating a Publication** in the **Getting Started / STEP User Guide** documentation.

AutoPage Publication Planner Tab

Use the AutoPage Publication Planner to plan page content and view the status of paginated pages. For full details, see the **AutoPage Publication Planner** documentation.

Node	Layout Status	Columns (Width x Height)	Page Number	Overset	Data Changed
Zeta Tools 2017					
Toolboxes					
Nails and Screws					
EVN-12		57.4mm x 62.24mm	4		
EVN-24	Locked	57.4mm x 62.24mm	4		
Bolt		57.4mm x 62.24mm	4		Data Changed
Board glue		57.4mm x 50.01mm	4		
107628		57.4mm x 50.01mm	5		
107629		57.4mm x 50.01mm	5		
Garden Tools					
Safety					
Safety Apparel					
Hard Hats					
Industrial Hard Hat		57.4mm x 318.52mm *	16-18	Overset	
Safety Equipment					
20820		57.4mm x 57.16mm	18		
20821		57.4mm x 57.16mm	18		
20-68204		57.4mm x 97.8mm	18		
555-22346		57.4mm x 93.73mm *	18-19		
L23-RP4100		57.4mm x 82.56mm	19		
Flares					
Gloves					
Power Tools					
Adhesives					
Hand Tools					

Pagination Rules Tab

Use the Pagination Rules tab to define and get an overview of all pagination rules. You can see all pagination rule conditions and pagination rule actions, and you can see where in the structure, the pagination rule is defined. You can also change the order of the pagination rules by using drag and drop.

- To view the **Pagination Rules** tab, in the **Tree**, expand **Publications**, select the relevant publication, section or subsection. and then click the **Pagination Rules** tab.

Document Level 4_4 - Pagination Rules

Publication | Plan | Version | Pages | Publication Planner | Financial Summary | AutoPage Publication Planner | **Pagination Rules** | Page Inspector

Column handling

Condition	Action	Defined At
> Default condition	Column model balance from product template using gap 20.0 mm	Document Level 4_4

Add Rule

Object Layout

Condition	Action	Defined At
> Default condition	Use product template "Product Template split allowed 1 of 3 columns"	Document Level 4_4

Add Rule

Position rules

Condition	Action	Defined At
> If first in section 2	Place at top of new document	Document Level 4_4

Add Rule

Set publication template spread index

Condition	Action	Defined At
> Default condition	Publication template spread index '3'	Document Level 4_4

Add Rule

Use vertical alignment

Condition	Action	Defined At
> Default condition	Vertical alignment top	Document Level 4_4

Add Rule

Using gap

Condition	Action	Defined At
> If the Object Type is "Product"	Place using gap of 5.0 mm	Document Level 4_4

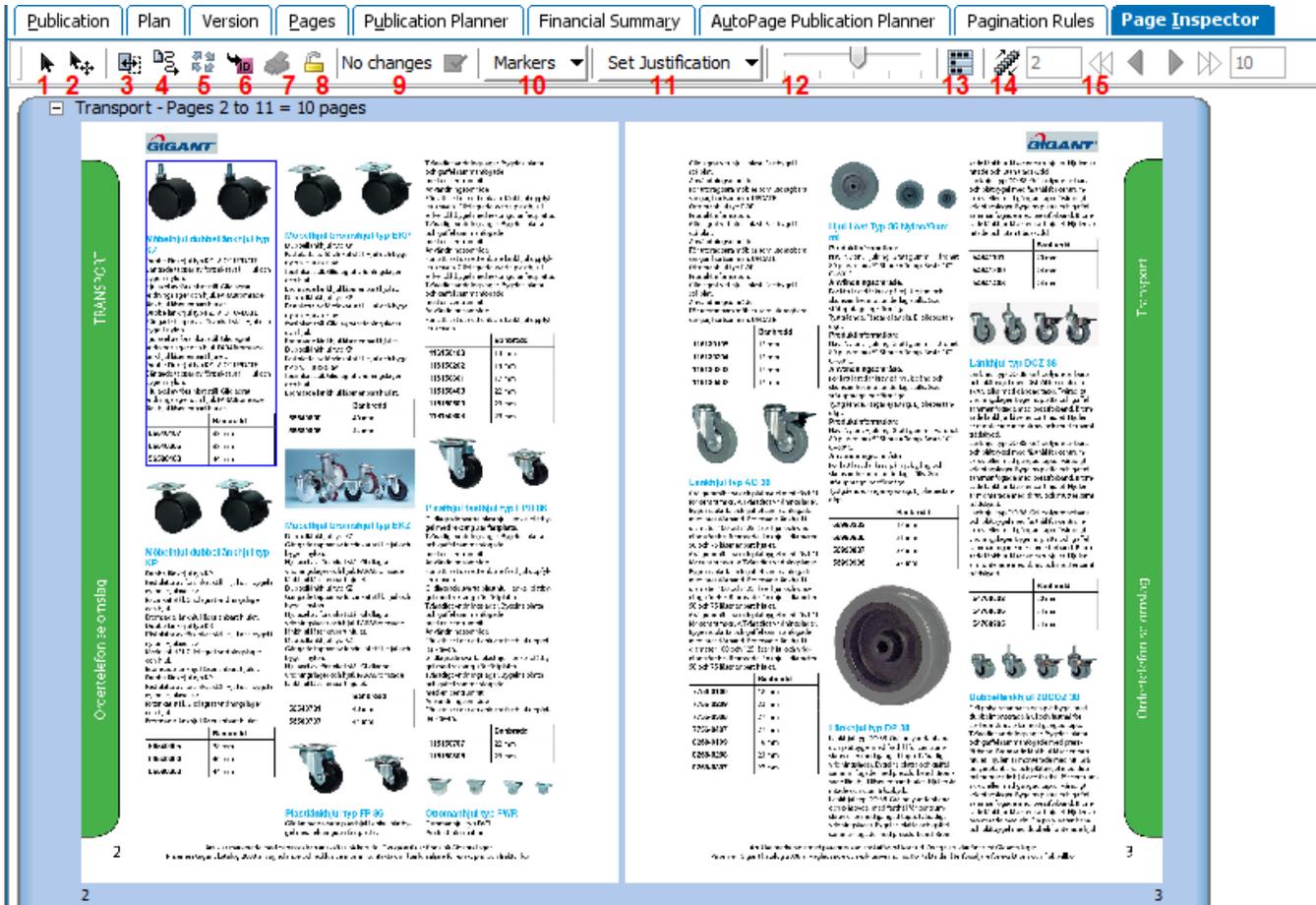
Add Rule

Add Rule Group

Page Inspector Tab

You use the Page Inspector tab to view the paginated pages, their page numbers and the products mounted on them. You can see the subsection names and page numbers of the pages in the sections.

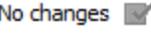
- To view the **Page Inspector** tab, in the **Tree**, expand **Publications**, select the relevant publication, section or subsection. and then click the **Page Inspector** tab.

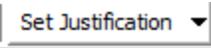


Note: The same page can be visible in two subsections if the mounted page contains objects from both subsections. The objects that do not belong to the selected subsection are displayed in a gray box. Also, because the page belongs to two different subsections it is displayed twice .

The toolbar at the top of the Page Inspector gives you access to a number of tools you can use on the mounted objects.

No.	Tool	Description
1	Selection 	Select a product presentation or an entire page. To select multiple objects, hold down the CTRL key while you click the objects.
2	Positioning 	Change the position of objects on a page. After you have moved an object, the No Changes button (9) indicate the number of changes made. Click Apply Changes for the changes to take effect.

No.	Tool	Description
3	Remount objects 	Remount one or more objects at a time. For more information, see Remounting and Reflowing Objects on page 70.
4	Reflow objects 	Reflow objects from the selected object until the end of a page or the end of a section. For more information, see Remounting and Reflowing Objects on page 70.
5	Update content 	Update the product content. You can either update the entire content of one or more selected objects, or you update specific items such as attributes, commercial terms, image references, and object names of the selected object(s). For more information, see Updating Documents in AutoPage here .
6	Open document in InDesign 	Open a document in InDesign. You can make your amendments in InDesign, and save the document back to STEP. For more information, see the STEP'n Design User Guide .
7	Print 	Print sections, subsections or pages. For more information, see Printing Pages, Sections, or Subsections on page 79.
8	Lock layout 	Remembers a product presentation layout while you are using Auto-pagination, Reposition, Remount or Reflow. Select the changed product presentation and click the Lock Layout icon. Locked layout only concerns the product presentation layout and has nothing to do with the position on the page.
9	No changes/applychanges 	Indicates the number of changes you have made with the Positioning Tool (2). Click <input checked="" type="checkbox"/> Apply Changes , for the changes to take effect. Shows No changes , if no changes have been made. For more information, see Repositioning and Resequencing Objects on page 68.
10	Markers 	Select a marker to view detailed information about the mounted objects. For more information, see Inspecting and Editing Pages on page 64

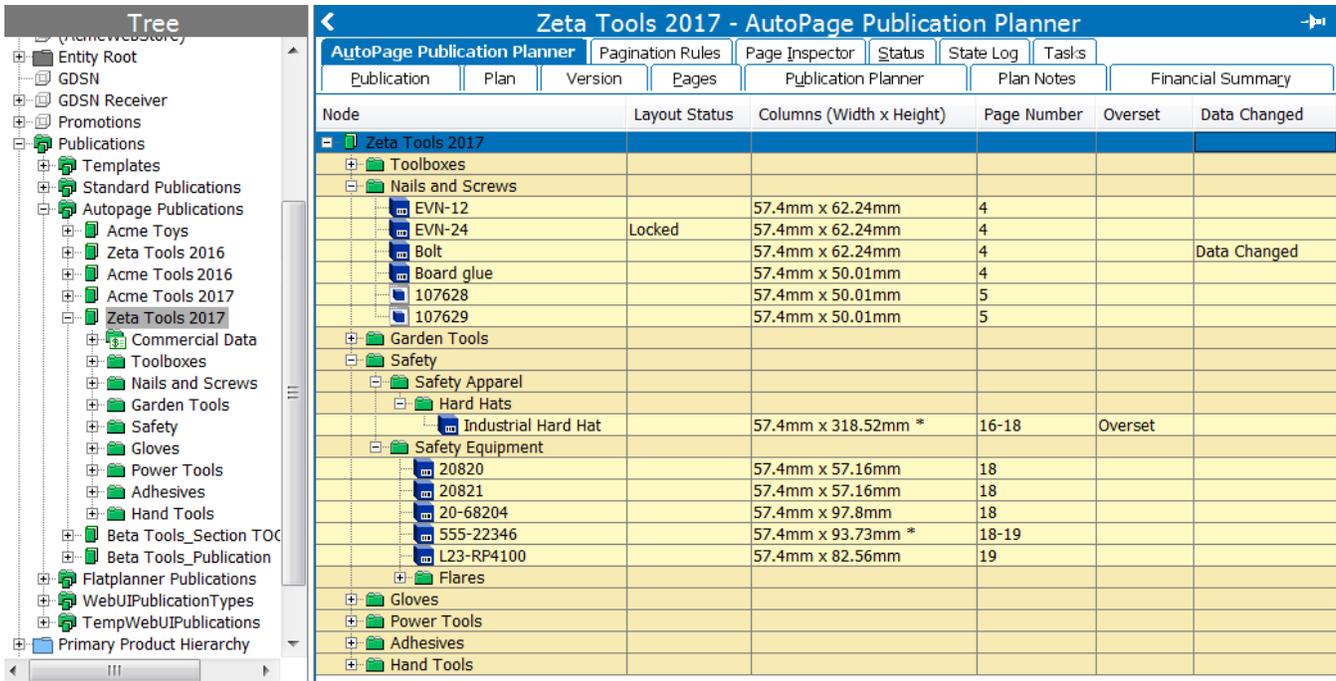
No.	Tool	Description
11	Set justification 	Specify how you want objects on a page to be justified. You can select Justify Top , Justify Bottom , or Justify Balance .
12	Zoom slider 	Use the slider to zoom in to get a close-up view of a page or zoom out to see more of the page. Alternatively, hold down the SHIFT key while using the scroll wheel on the mouse.
13	Show/hide subsections 	You can select whether to show or hide subsection titles. Subsection titles indicate the start of a new subsection.
14	Specify number of pages to be shown 	Show all pages or specify a page range to be shown.
15	Page range options. 	Specify the start and end page of a page range. This option is only enabled if Show a page range is used. The navigation arrows show the following. <ul style="list-style-type: none">  First page range in section  Previous page range  Next page range  Last page range in section.

AutoPage Publication Planner

The AutoPage Publication Planner is used to plan page content and view the status of paginated pages.

It is also where you can resequence sections and the products, classifications, and assets that are linked to them by using drag and drop. You may also use the AutoPage Publication Planner to add or remove products, classifications, and assets from publication sections.

To view the AutoPage Publication Planner, select a publication, section, or subsection in the Tree, then click the **AutoPage Publication Planner** tab.



Columns in the AutoPage Publication Planner

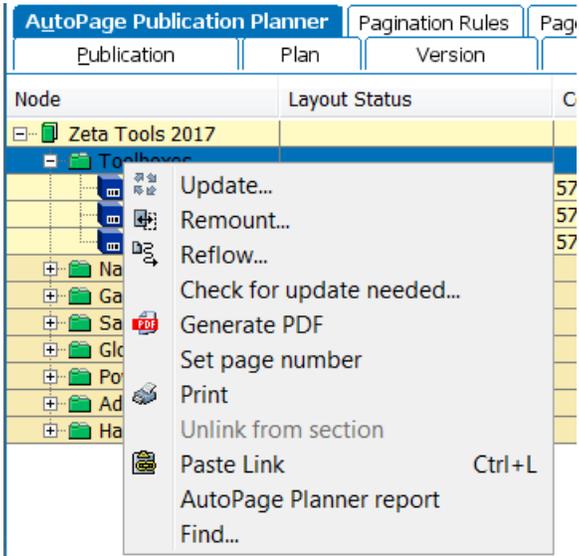
The following table describes the columns contained in the AutoPage Publication Planner. Note that columns cannot be added or removed.

Column Name	Description
Node	Displays the publication, sections, subsections, and linked objects within the publication.
Layout Status	Displays 'Locked' if the object's layout has been locked in the Page Inspector. For more information about locking and unlocking layouts, see Overview of the AutoPage Interface .
Columns (Width x Height)	The width and height of the product presentation on the paginated page. An asterisk (*) next to the value means that the product presentation is split over more than one page. Note: The unit always displays in mm, even if a different unit is applied to the publication group that contains the publication.
Page Number	Page where the object is mounted.
Overset	Displays 'Overset' if there is at least one frame on the InDesign page where

Column Name	Description
	there is too much content to fit inside of the frame.
Data Changed	<p>Displays 'Data changed' if content on the page has been changed in STEP since the page was mounted.</p> <p>Note: A 'check for update needed' operation must be performed on a section or subsection before the system will know if any data has changed on the page. For more information, see the Updating Documents in AutoPage.</p>

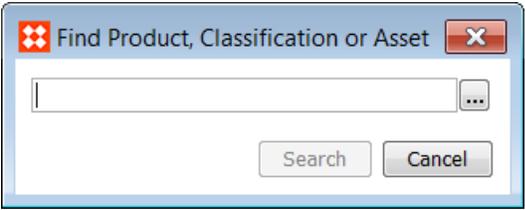
Available Right-click Actions in the Publication Planner

From the AutoPage Publication Planner you can perform the following actions by right clicking either on the publication, a section, or a linked object.



Action	Description	Level Where Available		
		Publication	Section	Linked Object
Update	Updates the product content on pages in the selected publication or section. You can either update all content or select a subset of	X	X	

Action	Description	Level Where Available		
		Publication	Section	Linked Object
	information, such as attribute values, commercial terms, or image references only. For more information, see Updating Documents in AutoPage .			
Remount	Remounts one or more objects at a time. For more information, see Remounting and Reflowing Objects .		X	X
Reflow	Reflows objects from the selected object until the end of a page or the end of a section. For more information, see Remounting and Reflowing Objects .	X	X	X
Check for update needed	Launches a background process that scans through all pages in the section and determines if data has changed on any of the mounted products in STEP since the pages were mounted. For more information, see Updating Content .		X	
Generate PDF	Generates a PDF of the publication or selected section. (Pages must first be autopaginated.)	X	X	
Set page number	Remounts pages (either fully or partially) in the selected publication or section so that they start on a specified page. For more information, see Controlling Page Numbers .	X	X	
Print	Prints the documents contained within the publication or selected section.	X	X	
Unlink from section	Unlinks the product, asset, or classification object from the section.			X
Paste Link	Option is enabled when a product, asset, or classification object has been copied from the		X	

Action	Description	Level Where Available		
		Publication	Section	Linked Object
	Tree. Selecting Paste Link will link the copied object into the section.			
AutoPage Planner report	Extracts a CSV file that shows all node levels of the publication and what objects are linked to each section and subsection. For more information, see Inspecting and Editing Pages .	X	X	
Find	<p>Launches a dialog that enables search for a product, classification, or asset within the publication or selected section.</p> 	X	X	

Publication Related Elements

The following is a list of the publication-related elements in STEP AutoPage. For more detailed information about creating a publication, see the [STEP User Guide](#).

Element	Icon	Description
Publication Group		A publication is a collection of different sections.
Publication		A publication is a collection of the different versions of your publication.
Commercial data		Commercial data folder (automatically generated when publication is created)
Commercial list		A commercial List
Version		Publication versions hold different variants of the same publication. Each publication can have one or more versions that specify a specific context, workspace and one or more commercial lists.
Section and Subsection		A section is a group of pages that holds the content of a version.
DTP documents		DTP documents are pages that have been finalized in InDesign and saved back to STEP.

Selecting Objects for an AutoPage Publication

To include objects in an auto pagination, you link products, assets, or classifications from the Tree to the sections or subsections of the publication hierarchy.

You can add objects either by dragging and dropping them from the Tree or by importing a file containing product IDs, asset IDs or classification IDs.

To Drag and Drop Objects to AutoPage Publication Planner

1. In the **Tree**, click the section or subsection you want to link objects to.
2. Click the **AutoPage Publication Planner** tab.
3. Expand the **Product** hierarchy or the **Classification** hierarchy, click the relevant object, and drag and drop it to the selected section on **AutoPage Publication Planner** tab.

To select multiple objects, press and hold the SHIFT or CTRL key while you click the relevant objects. Click the **Thumb Pin** icon  , to ensure that the editor is locked.

To Drag and Drop Objects within the Tree

1. In the **Tree**, expand the section or subsection you want to link objects to.
2. Expand the **Product** hierarchy or **Classification** hierarchy, click the relevant object, and then drag and drop it to the relevant section or subsection in the Tree. To select multiple objects, press and hold the SHIFT or CTRL key while you click the relevant objects

Note: When you drag and drop a product node or a classification node into a section or subsection, only the node it self is inserted. No child nodes are inserted.

Importing an XML File

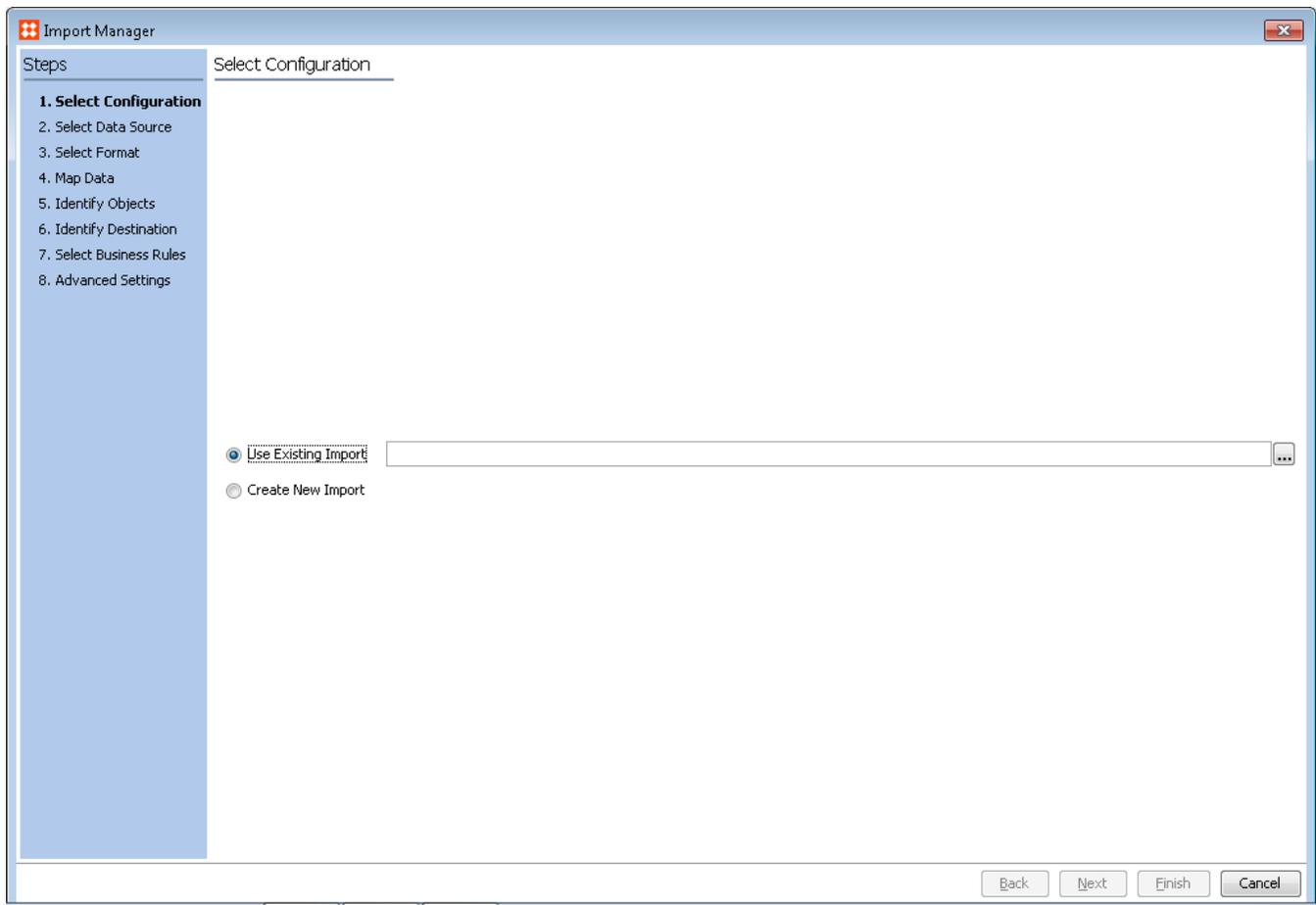
You can link products, assets or classifications to a publication by importing an XML file containing a list of product IDs, asset IDs or classification IDs. You can also import a list that defines both the publication structure and the products, assets, and classifications that you want to link to the publication.

For a sample XML file, see [XML File Example](#) on page 85.

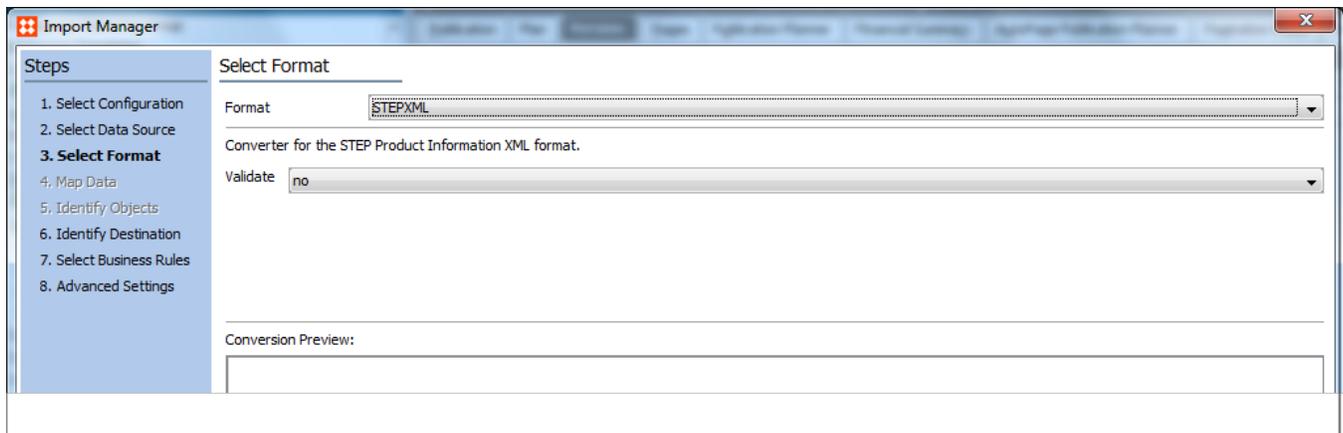
Important: The XML of the publication structure that you want to import must be valid and conform with the STEP System XSD.

To Import an XML File to Link Objects to an AutoPage Publication:

1. From the **File** menu, point to **Import**, and then choose **Data**. The **Import Manager** wizard appears.
2. In the first screen, **Select Configuration**, specify whether you want to use an existing import configuration or create a new import configuration, and then click **Next**.



3. In step 2 of the wizard, from the **Data Source** list, select **File**, and then click the [...] ellipses button.
4. Locate the relevant file, and then click **Select File**.
5. Click **Next**.
6. In step 3 of the wizard, from the **Format** field, select **STEPXML** if the system does not automatically detect the file format of the selected file.
7. In the **Validate** list, select **yes** if you want the system to validate the XML file before importing it. Select **no** if you do not want the file to be validated.



8. Click **Finish**.

Note: When you import a product node or classification node, only the node itself is imported. No child nodes are imported.

For more information about importing files, see the [Data Import Manager Wizard](#).

XML File Example

The following is an example of an XML file that can be imported into an existing publication. This XML file contains product IDs of the products that are going to be included in the publication.

```
<?xml version="1.0"?>
<STEP-ProductInformation ContextID="EN All All" WorkspaceID="Main">
<PublicationGroups>
<PublicationGroup ID="PRJ Publications" UserTypeID="Publication group root">
<Name>PRJ Publications</Name>
<Publication ID="Test" UserTypeID="Default publication type" DTPTYPE="InDesign" MasterDocumentID="5676"
PagesPerSpread="2" DefaultPageTemplateID="5505">
<Name>Test</Name>
<Version ID="Eng" ContextID="EN All All" WorkspaceID="Main" IsMaster="true">
<Name>Eng</Name>
</Version>
<Version ID="FR" ContextID="FR All All" WorkspaceID="Main" IsMaster="false">
<Name>FR</Name>
</Version>
<PublicationSection ID="Section1" UserTypeID="Section">
```

```

<Name>Section 1</Name>
<PublicationSection ID="SubSection1-1" UserTypeID="Section">
<Name>Sub section 1.1</Name>
<ProductLink ID="EXA-5002-1002"/>
<ProductLink ID="EXA-5002-1003"/>
<ProductLink ID="EXA-5002-1004"/>
<ProductLink ID="EXA-5002-1005"/>
<ProductLink ID="EXA-5002-1006"/>
<ProductLink ID="EXA-5002-1007"/>
<ProductLink ID="EXA-5002-1008"/>
<ProductLink ID="EXA-5002-1009"/>
<ProductLink ID="EXA-5002-1010"/>
<ProductLink ID="EXA-5002-1011"/>
<ProductLink ID="EXA-5002-1012"/>
<ProductLink ID="EXA-5002-1013"/>
<ProductLink ID="EXA-5002-1014"/>
<ProductLink ID="EXA-5002-1015"/>
<!--ClassificationLink ID="RHMO APC C"/>
<ClassificationLink ID="RHMO APC A"/>
<AssetLink ID="RHMO APA C"/>
<AssetLink ID="RHMO APA A"/ -->
</PublicationSection>
<PublicationSection ID="SubSection1-2" UserTypeID="Section">
<Name>Sub Section 1.2</Name>
<ProductLink ID="AC200-201"/>
<ProductLink ID="AC200-202"/>
<ProductLink ID="AC200-203"/>
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<ProductLink ID="AC200-207"/>
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<Name>Sub Section 1.3</Name>
<ProductLink ID="ABC-2400-2001"/>
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</PublicationSection>
</PublicationSection>
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<ProductLink ID="AC-12-100252"/>
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<ProductLink ID="AC-12-100258"/>
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<PublicationSection ID="SubSection2-2" UserTypeID="Section">
<Name>Sub Section 2.2</Name>
<ProductLink ID="AC-12-100260"/>

```

```

<ProductLink ID="AC-12-100261"/>
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<ProductLink ID="AC-12-100263"/>
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<PublicationSection ID="SubSection2-3" UserTypeID="Section">
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</PublicationSection>
</PublicationSection>
</Publication>
</PublicationGroup>
</PublicationGroups>
</STEP-ProductInformation>

```

AutoPage Pagination Rules

A pagination rule is a rule that controls how, when, and where objects (typically products, but also assets and classifications) are mounted onto InDesign pages when autopaginating publications.

A pagination rule consists of one or more conditions and an action that takes place when the condition or conditions are met. Detailed criteria must be specified for some conditions and actions.

Pagination rules can be applied to entire publications as well as individual sections and subsections. Rules inherit down from the parent publication level to child sections and subsections. Inherited rules can also be overridden, or, rules can be created on sections only and not set at the publication level at all.

Important: In order to run autopagination, at least one 'Object layout' rule must exist. See the **AutoPage Pagination Rule Actions** topic for more information.

Pagination Rules Tab

Pagination rules are created on the **Pagination Rules** tab, which is available when you select a publication, section, or subsection. Pagination rules are inherited from parent publication objects to child section objects (and from parent section objects to child subsection objects) in the same fashion that specification attributes, references, and so forth, are inherited in the product hierarchy in the Tree. (See the next subsection of this topic, 'Pagination Rule Inheritance,' for more information.)

The Pagination Rules tab provides an overview of all conditions and actions applied to the publication and/or section. You can also see where in the publication structure the rules are defined ('Defined At').

Document Level 4_4 - Pagination Rules								
Publication	Plan	Version	Pages	Publication Planner	Financial Summary	AutoPage Publication Planner	Pagination Rules	Page Inspector
Column handling								
Condition		Action			Defined At			
> Default condition		Column model balance from product template using gap 20.0 mm			Document Level 4_4			
Add Rule								
Object Layout								
Condition		Action			Defined At			
> Default condition		Use product template "Product Template split allowed 1 of 3 columns"			Document Level 4_4			
Add Rule								
Position rules								
Condition		Action			Defined At			
> If first in section 2		Place at top of new document			Document Level 4_4			
Add Rule								
Set publication template spread index								
Condition		Action			Defined At			
> Default condition		Publication template spread index '3'			Document Level 4_4			
Add Rule								
Use vertical alignment								
Condition		Action			Defined At			
> Default condition		Vertical alignment top			Document Level 4_4			
Add Rule								
Using gap								
Condition		Action			Defined At			
> If the Object Type is "Product"		Place using gap of 5.0 mm			Document Level 4_4			
Add Rule								
Add Rule Group								

Pagination Rule Groups

Pagination rule groups are also known as **Action Groups**, since these groups contain selections of actions that should be taken on mounted objects and pages. Each group also contains an assortment of conditions that are applied to determine exactly how these actions will be carried out.

For detailed information on pagination rule groups and their available **actions**, see **AutoPage Pagination Rule Actions**.

For detailed information on the **conditions** available for pagination rule group actions, see **AutoPage Pagination Rule Conditions**.

Pagination Rule Inheritance

Pagination rules are inherited from higher levels to lower levels. Rules that are applied at lower levels take precedence over rules applied at higher levels. So if you have applied a rule at publication level, it is inherited to sections and subsections, but rules applied at section or subsection level takes precedence over the inherited rule.

It is possible to edit the action parameter of an inherited rule. The rule is then displayed in red on the level where the action has been edited. A complete rule group can also be overridden manually in cases where you want to change the rule conditions or rules in general.

If all rules within a rule group are overridden, they are displayed in green. If you have edited the action of an inherited rule, it is displayed in red.

Important: All rules within a pagination rule group are affected when you create a local rule. If you make changes to a rule at publication level after you have created the local rule, the changes are not inherited.

A warning is displayed when you change a rule and the action parameter for that rule has been edited on lower level.

If you want to get rid of the local values, you can remove all the rules one-by-one. After all the local rules within a pagination rule group have been deleted, all rules will be inherited again.

Finding Out Where a Pagination Rule is Inherited from

- In the **Tree**, select the relevant section. and then click the **Pagination Rules** tab. The **Defined At** column shows where the pagination rules within the Layout Rules pagination rule group are inherited from.

Condition	Action	Defined At
> If placement is on a left page	Use product template "Product Template split allowed"	Global Publication type
> If placement is on a right page	Use product template "Product Template split allowed Right"	Global Publication type
> If the Object Type is "Rubric 1" and If placement is on a left page	Use product template "Rubrik 1"	Global Publication type
> If the Object Type is "Rubric 2" and If placement is on a left page	Use product template "Rubrik 2"	Global Publication type
> If the Object Type is "Rubric 1" and If placement is on a right page	Use product template "Rubrik 1 Right"	Global Publication type
> If the Object Type is "Rubric 2" and If placement is on a right page	Use product template "Rubrik 2 Right"	Global Publication type

Pagination Rule Evaluation

Pagination rules are evaluated one-by-one in the list from top to bottom. When the condition of a rule evaluates to **True**, the associated action is then evaluated. The layout of a page is decided by the sum of all conditions with actions that evaluate to true.

The order of evaluation means that one action can override an action associated with a rule further down in the list. Therefore, you should always specify the rule with the more general rule first and the most specific rule last.

Example: Layout Rules

- Condition = always, Action = Use product template = template1
- Condition = objectType is OT1, Action = Use product template = template2

When an object is paginated with object Type OT2, then the first condition *Always* evaluates to **True** and the rule assigns the product template *template1* to the product. The condition of the second rule (*objectType is OT1*) evaluates to **False**, and the action of the second rule is therefore not used.

However, if you paginate an object with object Type OT1, the first condition is still **True** and the rule assigns the product template *template1* to the object. The second condition also evaluates to **True** and the action for the rule then assigns the product template *template2* to the object and then overwrites the assignment done by the first rule.

To Change the Evaluation Order of Pagination Rules

- Click the rule you want to move, and then drag and drop it to its new position in the list.

AutoPage Pagination Rule Conditions

Several conditions are available when setting up pagination rules. Conditions affect which actions are taken on objects as they are placed onto autopaginated pages.

This topic provides an overview of what **conditions** are available for AutoPage pagination rules and which rule groups contain which conditions.

List and Description of AutoPage Pagination Rule Conditions

Default condition

The rule is always applied. There are no specific conditions that must be met.

If first in section

The rule is applied if the object is the first object in the section specified in the condition.

If the Object Type is

The rule is applied if the object is of the same object type as specified in the condition.

If the Object is

The rule is applied if the object is the same as the object specified in the condition.

If the product attribute value equals

The rule is applied if the product attribute value is the same as the value specified in the condition.

Placement on column or page

The rule is applied if the object is to be paginated in one of the following areas.

- After previous (following the previously paginated object)
- At top of next column
- At top of next page
- At top of next left page
- At top of next right page
- At top of new document
- At top of new document on left page
- At top of new document on right page

Availability of AutoPage Pagination Rule Conditions

The following table describes the pagination rule **conditions** available in AutoPage and which pagination rule groups they are available in.

Action Group	Conditions					
	Default condition	If first in section	If the Object Type is	If the Object is	If the product attribute value equals	Placement on column or page
Column handling	X	X	X	X	X	X
Document level Section ending	X					
Execute script	X	X	X	X	X	X
Minimum split size	X		X	X	X	
Object Layout	X	X	X	X	X	X
Position Rules	X	X	X	X	X	X
Repeat rules	X	X	X	X	X	X
Set Minimum Pages Per Document	X	X	X	X	X	
Set Publication Spread Index	X	X	X		X	X
Use Continuation Notes	X	X	X	X	X	
Use Vertical Alignment	X	X	X	X	X	
Using gap	X	X	X	X	X	X
Using gap calculation	X	X	X	X	X	X

AutoPage Pagination Rule Actions

For each AutoPage pagination rule group, a number of actions are available. This topic provides an overview of what **Action Groups** are available within each pagination rule group and what their functions are.

Column handling

Column handling rules 'handle' how mounted objects are placed into columns across an individual page or across multiple pages.

Column model balance from product template

Condition	Action	Defined At
> Default condition	Column model balance from product template using gap <u>0.04</u> inches	Beta Tools

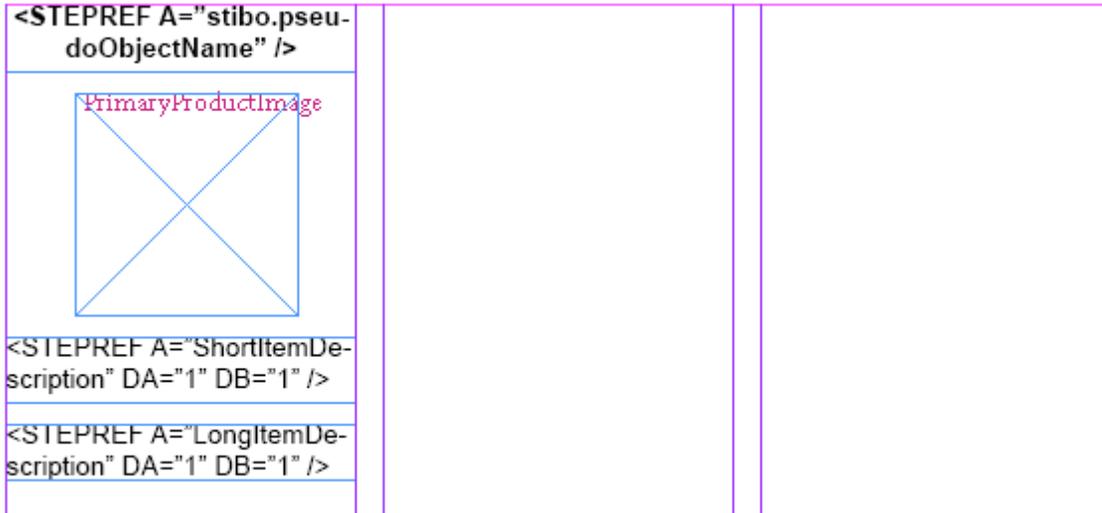
Use Case #1

If the publication template does not have any columns set up, but the product template in use *does*, then products will flow across the page based on the width of columns in the product template instead of mounting vertically from top to bottom of the page.

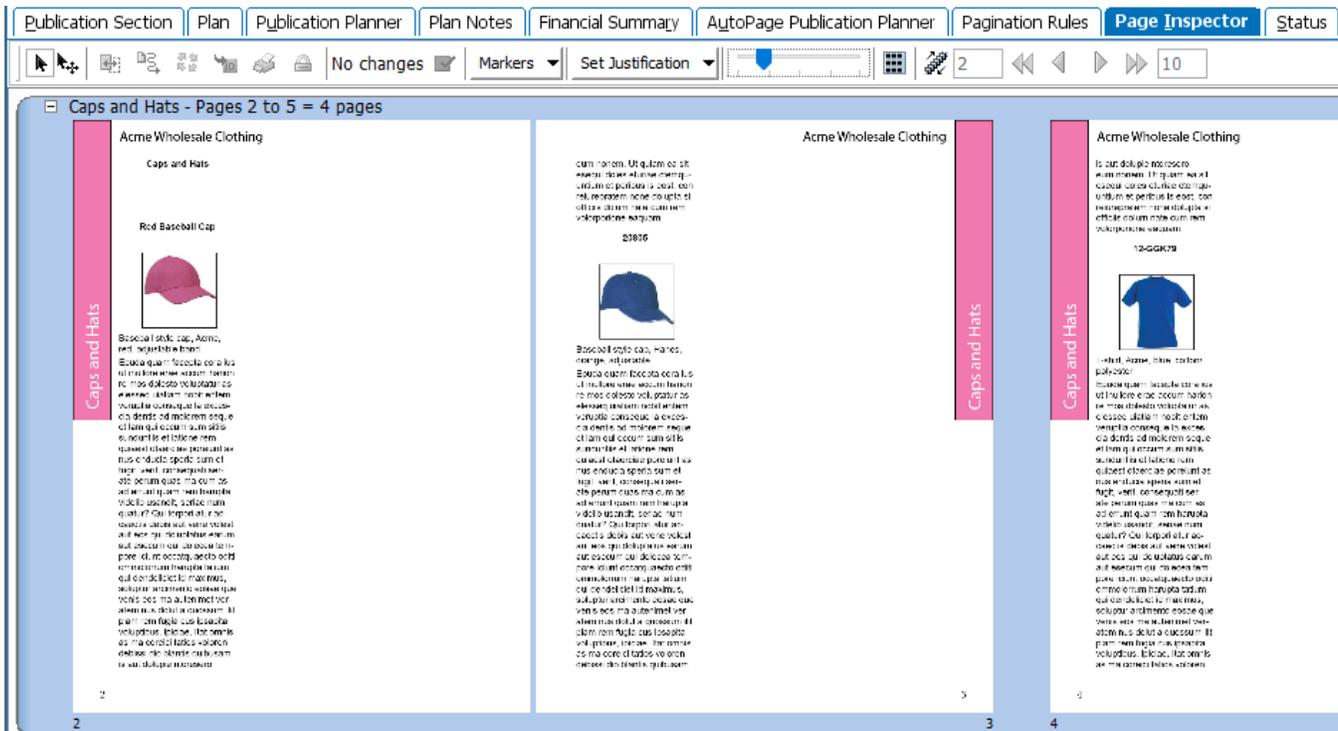
To illustrate, the below screenshot shows a portion of a publication template without any columns:



Products for this example will be mounted using a product template with three columns.



Without using this pagination rule, a selection of three products mounted using this three-column template will paginate as pictured in the following screenshot—each product will mount into the column, but split onto a new page once the column is filled.



With the rule applied, the products will instead flow to the next column, using the column widths from the product template.

☐ Caps and Hats - Pages 2 to 3 = 2 pages

Caps and Hats

Acme Wholesale Clothing

Caps and Hats

20800



Baseball style cap, Acme, red, adjustable front.

12-IGGWYS



Baseball style cap, Hanes, orange, adjustable.

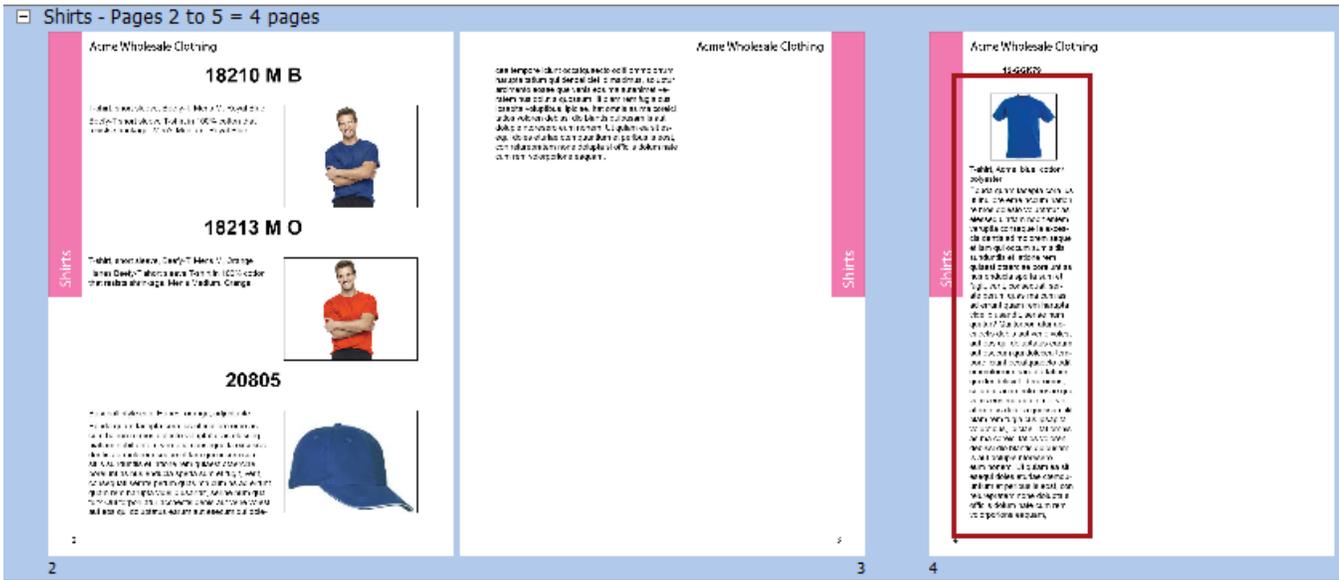


T-shirt, Acme, blue, cotton, polo collar.

2

Use Case #2

If multiple products are mounted and a product using a column-based product template is mounted immediately after products that are mounted using product templates without columns, the product(s) mounted with the column-based product template will wrap around to the next column instead of splitting across to the next page.



Column model on new page from publication template

Column handling		
Condition	Action	Defined At
> Default condition	Column model on new page from publication template	Beta Tools

This rule serves as a way to 'revert' object mounting to default behavior, which is to mount objects according to the columns set on the publication template. When one of the two aforementioned 'column model balance from product template' actions is used ('Column model balance from product template' or 'Column model on new page from product template'), the default mounting behavior is overridden; the columns on the publication template are disregarded and objects are mounted according to the columns on the product template instead. So, to revert to default behavior, the action 'Column model on new page from publication template' would be used on a section or subsection as a way to override an inherited 'column model balance from product template' rule.

Document level Section ending

Add a blank page to end a Document level Section

There is only one action in this rule group, 'Add a blank page to end a Document level Section.' This rule specifies whether a document in a document-level section / subsection ends on a left or a right page. This action will always be set as a default condition.

If no products are available to mount on the final page, STEP will add a blank page, which will include 'furniture' (background elements) from the publication template. In some cases, a blank page may be needed at the end of a section to ensure that the next section starts on the correct side.

Example: Add a blank page to end a Document level Section on <left page>.

Execute script

There is only one action in this rule group, 'Execute script.' This rule specifies which JavaScript should be executed when the specified condition is fulfilled. The JavaScript interacts with and customizes the mounting.

Example: Execute script <name of script> when mounting objects.

Minimum split size

Minimum size of first split / last split

There is only one action in this rule group, 'Minimum size of first split / last split.' This rule controls where lengthy product presentations are split across columns and pages. Its purpose is to avoid situations where a single line or word (known as a widow in typography) flows to the next column or page when the rest of the product is on a previous column or page. This rule ensures that a minimum amount of copy splits over to the top of the next column or page. Note that the maximum amount that can be set for either split size (first and last) is 342 points (equivalent to 4.75 inches or 120.65 mm).

To illustrate, the following screenshot shows an example of a lengthy presentation without a minimum split rule applied. A dangling line (orphan) has wrapped to the top of the next page.

Shirts - Pages 2 to 5 = 4 pages

Acme Wholesale Clothing

20805

Baseball style cap, Hanes, orange, adjustable



Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uistiam nobit entem verupta conseqe la excesscia dentis ad molorem seque et lam qui occum sum sillis sunduntis et latone rem quiaest otaerciae porelunt as nus enducia speria sum et fugit, verit, conseqatli serate perum quas ma cum as ad errunt quam rem harupta videlib usandit, seriae num quatur? Qui torpori atur accaectis debis aut vene volest aut eos qui doluptatus esrum aut esecum qui dolecea tempore icunt occatqueecto odili omnolorum harupta latium qui dendelidiel id maximus, soluptur arcimento eosae que venis eos ma autonimet veratem nus dolut a quossum illi plam rom fugia cus ipsapita voluptibus, ipiciae.

18210 M B

T-shirt, short sleeve, Beely-T, Mens M, Royal Blue



Beely-T short sleeve T-shirt in 100% cotton that resists shrinkage. Men's Medium, Royal Blue.

Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uistiam nobit entem verupta conseqe la excesscia dentis ad molorem seque et lam qui occum sum sillis sunduntis et latone rem quiaest otaerciae porelunt as nus enducia speria sum et fugit, verit, conseqatli serate perum quas ma cum as ad errunt quam rem harupta videlib usandit, seriae num quatur? Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uistiam nobit entem verupta conseqe la excesscia

Acme Whole:

dents ad molorem seque et lam qui occum sum sillis sunduntis.

18213 M O

T-shirt, short sleeve, Beely-T, Mens M, Orange



Hanes Beely-T short sleeve T-shirt in 100% cotton that resists shrinkage. Men's Medium, Orange.

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The following screenshots shows how the same presentation would split with a minimum split size of 1 inch, followed by an illustration of how the rule is configured in STEP. This example rule configuration ensures that at least 1 inch of copy will be rolled over to the top of the next column or page.

Shirts - Pages 2 to 5 = 4 pages

Acme Wholesale Clothing

20805

Baseball style cap, Hanes, orange, adjustable



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18210 M B

T-shirt, short sleeve, Beefy-T, Mens M, Royal Blue



Beefy-T short sleeve T-shirt in 100% cotton that resists shrinkage, Men's Medium, Royal Blue.

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Acme Wholesale

perum quas ma cum as ad errunt quam rem harupta videlib usandit, seriae num quatur? Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uialiam nobit entem veruptia conseqe la excesscia dentis ad molorem seque et lam qui occum sum siliis sunduntis.

18213 M O

T-shirt, short sleeve, Beefy-T, Mens M, Orange



Hanes Beefy-T short sleeve T-shirt in 100% cotton that resists shrinkage, Men's Medium, Orange.

Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uialiam nobit entem veruptia conseqe la excesscia dentis ad molorem seque et lam qui occum sum siliis sunduntis et latone rem quiaest otaerctiae poreiunt as nus enducia speris sum et fugit, verit, consequati serate perum quas ma cum as ad errunt quam rem harupta videlib usandit, seriae num quatur? Qui torpori atur accaectis debis aut vene volest aut eos qui doluptatus earum aut esecum qui dolecea tempore icunt occatquaecto oditi ommlorum harupta latium qui dendeliciel id maximus, soluptur arcimento eosae que venis eos ma autenimet veratem nus dolut a quossum illi plam rem fugia cus ipsapita voluptibus, ipiciae, itat omnis as ma coreici latios voloren debissi dio blantis culbusam is aut dolupie ntoreeroo eum nonem. Ut quilam ea sit esequi doles eturiae ctamquantum et peribus is eost, con reuregratem nonne dolupta si officis colum nate cum rem volorporione esquam. Epuda quam facepta cora ius ut inullore erae accum harion re mos dolesto voluptatur as elesseq uialiam nobit entem veruptia conseqe la excesscia dentis ad molorem seque et lam qui occum sum siliis sunduntis et latone rem quiaesi otaerctiae poreiunt as nus enducia speris sum et fugit, verit, consequati serate perum quas ma cum as ad errunt quam rem harupta videlib usandit seriae num quatur? Qui torpori atur accaectis debis aut vene volest aut eos qui doluptatus earum aut esecum qui dolecea tempore icunt occatquaecto oditi ommlorum harupta latium

2

Minimum split size

Condition	Action
> Default condition	Minimum size of first split 1.0 / last split 1.0 (inches)

Add Rule

Object Layout

The object layout rules specify what product templates to apply to the objects being mounted.

Use default product presentation

Uses the default product template that has been assigned to the product.

Use product template

Uses a product layout from a specified publication version.

Examples

The following are examples of object layout rules and how they are evaluated:

- Rule 1: Always use the product template 'Acme Products'
- Rule 2: If the value of the 'Folder' attribute equals 'Folder Template,' then use the product template 'Folder Template.'
- Rule 3: If the product is of the object type 'Nice Family,' use the product template 'Nice Product Template.'

The rules are applied as follows:

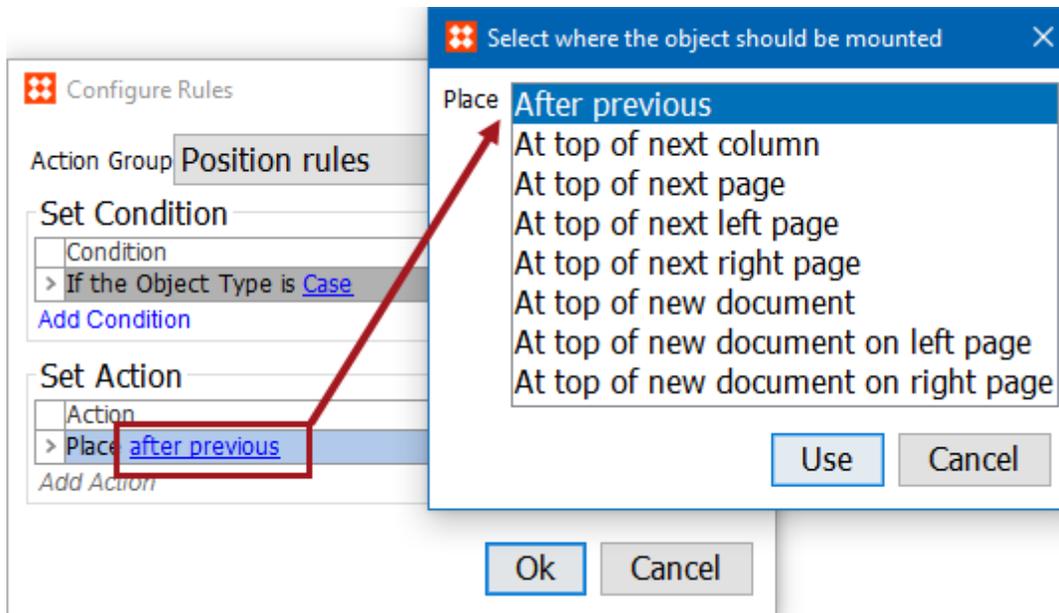
- A product that is not of the object type 'Nice Family' and does not have the attribute 'Folder' with the value of 'Folder Template' will be paginated using the 'Acme Products' product template according to rule 1.
- A product that is not of the object type 'Nice Family' but the value of the attribute 'Folder' is 'Folder Template' will be paginated using the product template 'Folder Template' according to rule 2.
- A product of the object type 'Nice Family' will be paginated using the product template 'Nice Product Template' according to rule 3.

Position Rules

Place

The actions available in the 'Position rules' group specify where to place objects on pages. The available options for 'Place' are:

- After previous (following the previously paginated object)
- At top of next column
- At top of next page
- At top of next left page
- At top of next right page
- At top of new document
- At top of new document on left page
- At top of new document on right page



Example: If the object type is product, then position at the top of the next column.

Repeat rules

These actions specify the repeat rules for a publication, section, or subsection. If no rules are set up, no publications, sections, or subsections will be mounted during the autopagination process.

Repeat Publication

Specifies whether the publication should be mounted (and repeated, depending on the object layout rules that are set up for publications). For example, by mounting the publication, a table of contents that pulls the name of all sections in the publication can be placed at the beginning of the publication, or the STEP name and/or metadata (description) attribute values from the publication can be repeated throughout the publication.

Repeat Section

Specifies which section level to be mounted and repeated, depending on the object layout rules that are set up for sections. For example, a table of contents that pulls the name of all subsections in a section can be mounted at the beginning of each section, or the STEP name and/or metadata (description) attribute values from the section(s) can be repeated throughout the section(s).

Example: If first on page, then insert section level 1.

Set Minimum Pages Per Document

Set minimum pages per document

There is only one action in this rule group, 'Set minimum pages per document.' This rule specifies the minimum number of pages that a document must contain before AutoPage creates a new document. The default is two pages per document, which is used if nothing is defined.

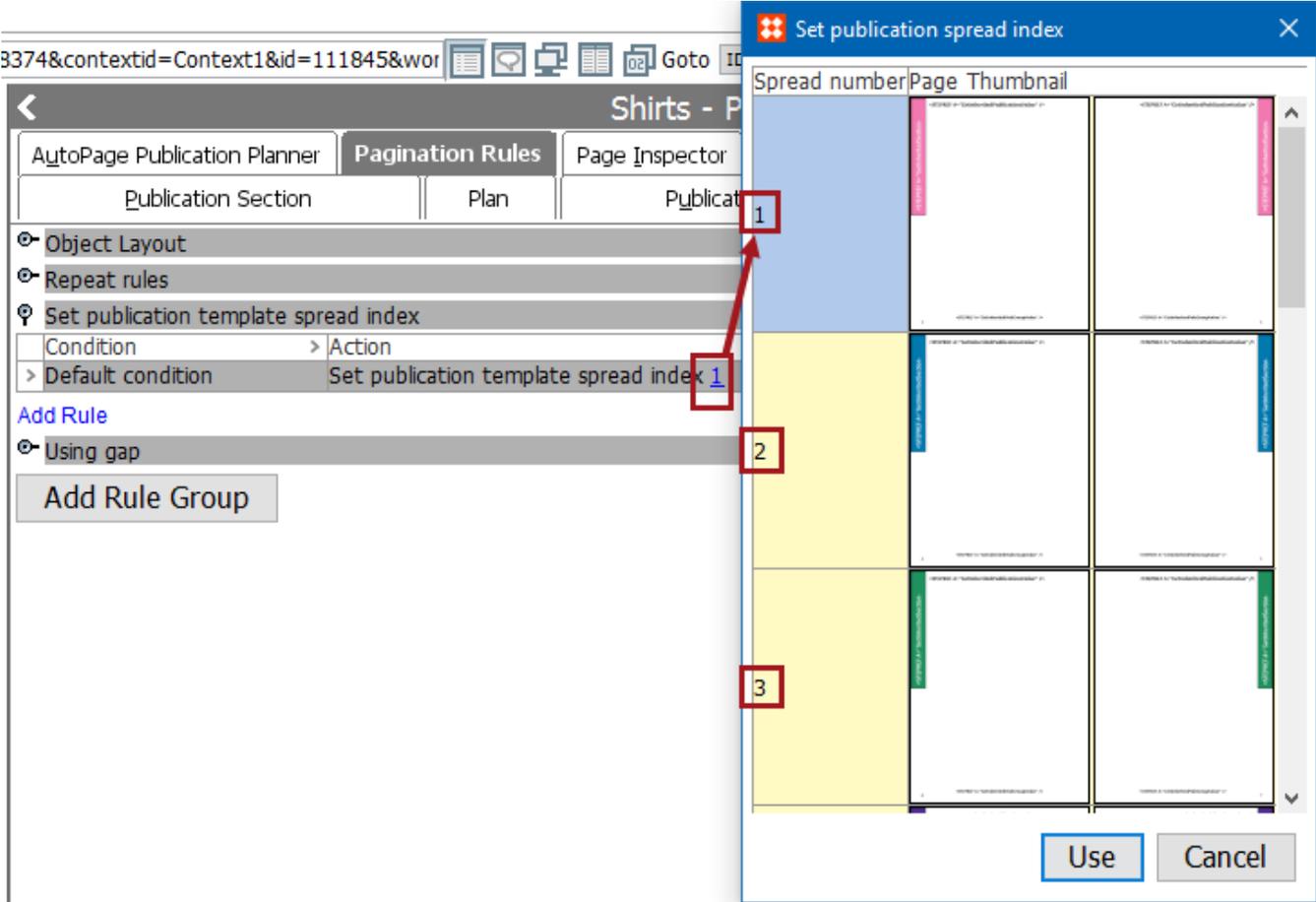
Example: Always create a minimum of six pages within a document before AutoPage creates a new document.

Set Publication Spread Index

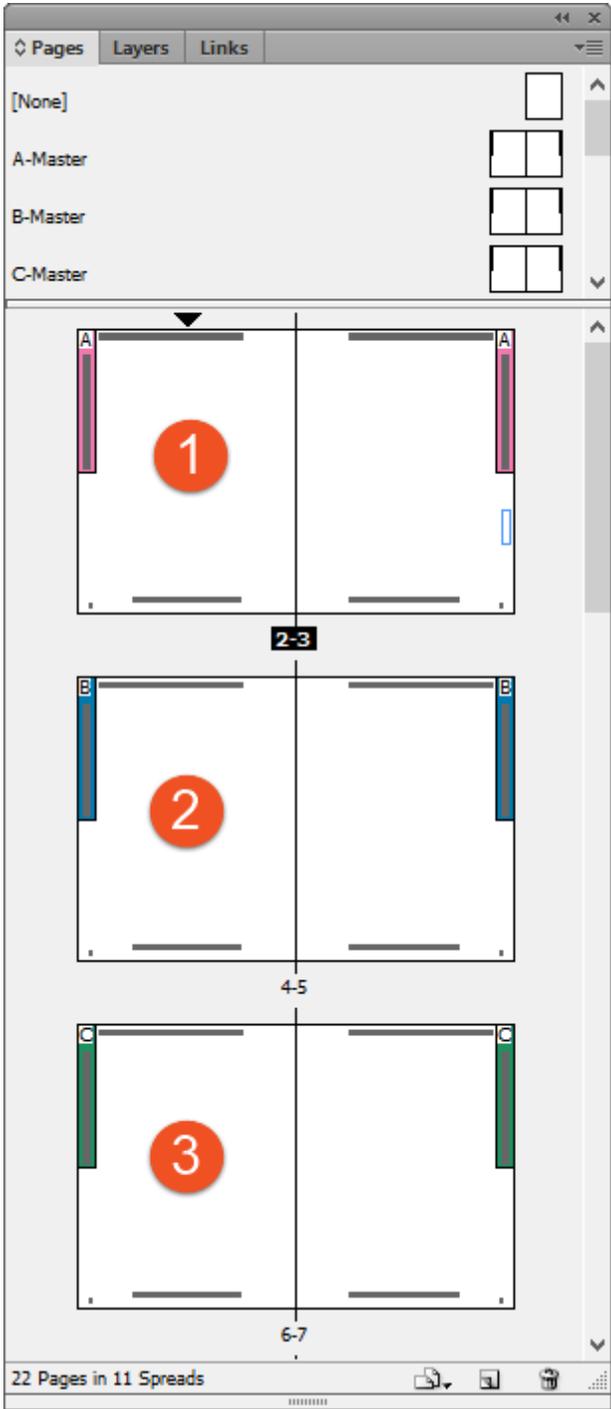
Set publication template spread index

There is only one action in this rule group, 'Set publication template spread index.' This rule specifies which spread within a publication template should be used when an object is paginated on the page. (A publication template often consists of several spreads, containing thumb tabs for each chapter.) A typical setup in InDesign would be as follows: a page spread created from master spread A would equal spread index number 1, a spread created from master spread B would equal index spread number 2, and so forth.

The following screenshot shows the view in the workbench when a publication template spread index is selected.



And, this screenshot shows the corresponding 'spread indexes' of the publication template in InDesign, as viewed from the **Pages** panel.



Example: Always use publication template spread index number 1.

Use Continuation Notes

These actions specify the publication template spread number where continuation notes are defined and how continuation notes are going to be placed related to the split presentation. Continuation notes are used for longer product presentations that will be split across multiple pages (for example, products that contain very lengthy

tables). Wording such as 'Continued' can be placed at the bottom of the page(s) to inform readers that the presentation is continued on the following page(s).

Set continuation notes position

The continuation note can be defined in a publication template, or you can place it immediately below the product.

Use continuation notes from spread index

Specifies whether a continuation note should be used for an object that is split over two columns or over two pages. It also defines from which spread in the publication template that the continuation note should be taken.

Example: Always use continuation notes from spread index 2.

Use Vertical Alignment

Use vertical alignment

There is only one action in this rule group, 'Use vertical alignment.' This rule specifies how to justify objects on a page:

- Top
- Bottom
- Balance (space between objects is distributed evenly)

Example: Always balance space between objects on a page.

Using gap

Using gap

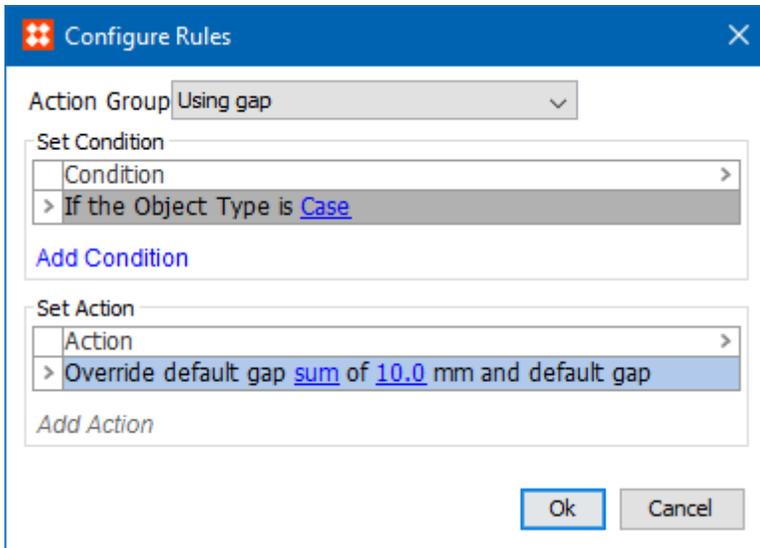
Specifies the distance between objects on a page.

Example: By default, place using gap of 10 mm between all objects on pages.

Override default gap

Overrides 'Using gap.' It can be defined as a sum of 'using gap' and the override gap or a minimum or maximum gap.

Example: If the object type is 'Case,' override the default gap of 10 mm and add an additional 10 mm (setup pictured in below screenshot).



Using gap calculation

Override default gap

There is only one action in this rule group, 'Override default gap.' This action overrides the gap set in 'Using gap.'

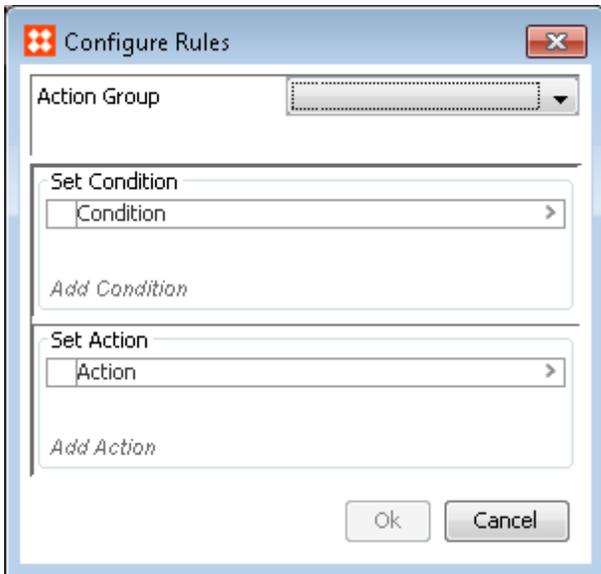
Though 'Using gap calculation' exists as a separate rule group on the Pagination Rules tab, its setup and behavior is identical to that of 'Override default gap' in the 'Using gap' rule group.

Adding Pagination Rules

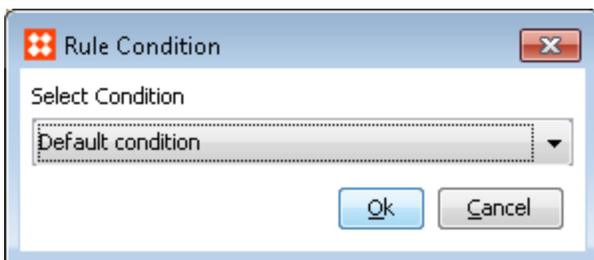
To add a pagination rule, use the following steps.

To Add a Pagination Rule

1. In the **Tree**, expand the publication hierarchy, and then click the publication that you want to add a pagination rule to.
2. Click the **Pagination Rules** tab.
3. Click **Add Rule Group**. The **Configure Rules** dialog appears where you can define the rules.

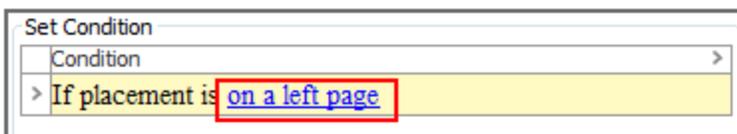


4. From the **Action Group** list, select the rule group that you want to apply.
5. In the **Set Condition Area**, click **Add Condition**. The **Rule Condition** dialog appears.

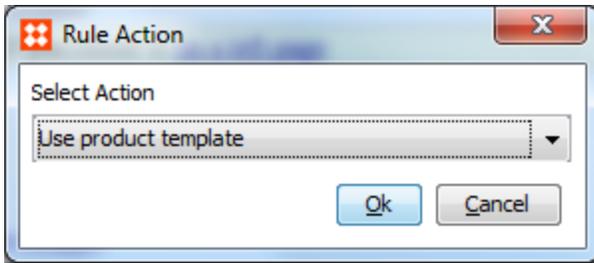


6. In the **Select Condition** list, select the relevant condition, and then click **OK**.

Some conditions can be limited further. Click the blue, underlined text to enter the criteria that determine when the condition should be applied.



7. In the **Set Action** area, click **Add Action**. The **Rule Action** dialog appears.



8. In the **Select Action** list, select the relevant action, and then click **OK**.

Some actions can be limited further. Click the blue, underlined text to enter the criteria that further defines the action.



7. Click **OK**.

Note: You can add as many conditions as needed but you can only add one action.

The Rule Group determines which conditions and actions that are available.

To Delete a Condition or Action

1. To delete a condition or action, right-click the rule that the condition or action is applied to, and then choose **Edit Pagination Rule**.
2. Right-click the condition or action, and then choose **Remove Condition** or **Remove Action**.

Editing AutoPage Pagination Rules

You can edit both local and inherited pagination rules. On local rules, you can change both conditions and actions, but on inherited rules you can only change the actions.

To Edit Pagination Rules

1. In the **Tree**, click the publication, section, or subsection that contains the rule(s) you want to edit.
2. On the **Pagination Rules** tab, click the **arrow** icon next to the rule you want to edit, right-click, and then select **Edit Pagination Rule**. The **Configure Rules** dialog is displayed.
3. Make the desired changes, and then click **OK**.

If you have changed the action on an inherited rule, it is now displayed in red in the list on the **Pagination Rules** tab.

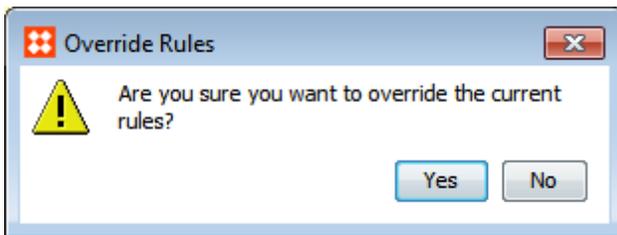
Note: You cannot edit or add or delete conditions on inherited rules. Also, you can not add or remove actions from inherited rules.

Note: A warning is displayed if you try to edit or remove a rule with an edited action parameter lower in the hierarchy.

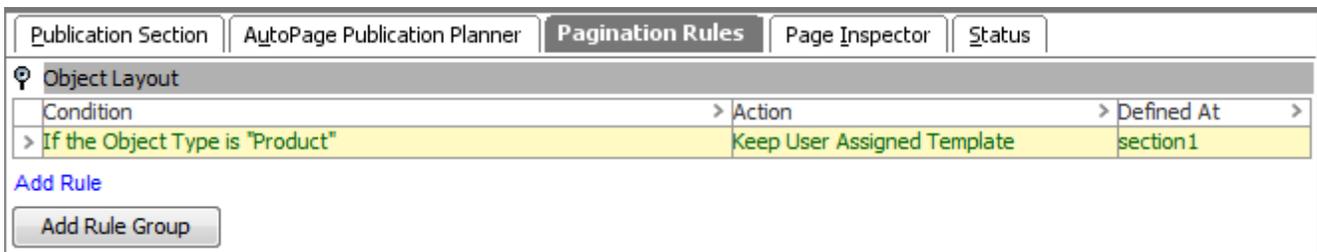
To Override Inherited Rules

To make all rules within a rule group local, you can override inherited rules. If local inherited rules are overridden, changes made at higher levels are not inherited to the level where the rules have been overridden.

1. In the **Tree**, click the publication, section or subsection that contains the rule(s) you want to edit.
2. On the **Pagination Rules** tab, click the **arrow** icon next to the rule you want to edit, right-click, and then select **Override Rules**. the **Override Rules** dialog appears.



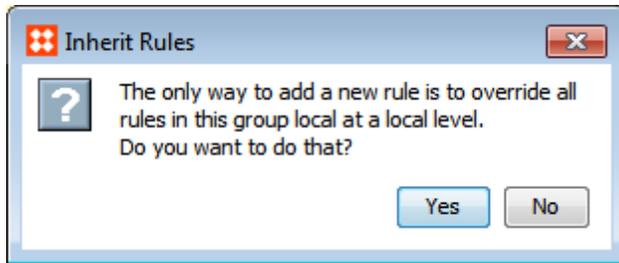
3. Click **Yes** if you accept that all rules within the group should be overridden.
4. The rules are overridden and displayed in green in the list. You can now edit the actions and conditions on the rules, and you can edit and remove rules from the rule group.



To Add An Extra Rule to a Rule Group with Inherited Rules

When you add an extra rule to a rule group with inherited rules, you are prompted to accept that all rules in the effected rule group will become local.

1. In the **Tree**, click the section or subsection where an extra rule is required.
2. On the **Pagination Rules** tab, click **Add rule** within the relevant rule group. The **Inherited Rules** dialog appears.



3. Click **Yes** if you accept that all rules within the group become local.
4. The rules are made local and are displayed in green in the list.

To Remove a Pagination Rule

1. In the **Tree**, click the publication, section, or subsection that contains the rule(s) that you would like to delete.
2. On the **Pagination Rules** tab, click the **arrow** icon next to the rule you want to edit, right-click, and then choose **Remove Pagination Rules**.

To Drag and Drop Rules

You can change the order of the rules by using drag and drop on the **Pagination Rules** tab.

- Click the rule you want to move, and then drag and drop it to its new position within the group.

To Copy and Paste Pagination Rules

You can copy rules to and from publications, sections, and subsections. The paste destination does not have to be of the same type as the source.

1. In the **Tree**, click the publication, section, or subsection that contains the rule you want to copy.
2. On the **Pagination Rules** tab, click the **arrow** icon next to the rule you want to copy, right-click, and then select **Copy Pagination Rules**.
3. In the **Tree**, click the destination publication, section, or subsection.
4. On the **Pagination Rules** tab, click the **arrow** icon of an existing rule, right-click, and then select **Paste Pagination Rules**.

Note: If you paste a local rule into a group with inherited rules, all rules in the group become local.

Creating Tables of Contents in AutoPage

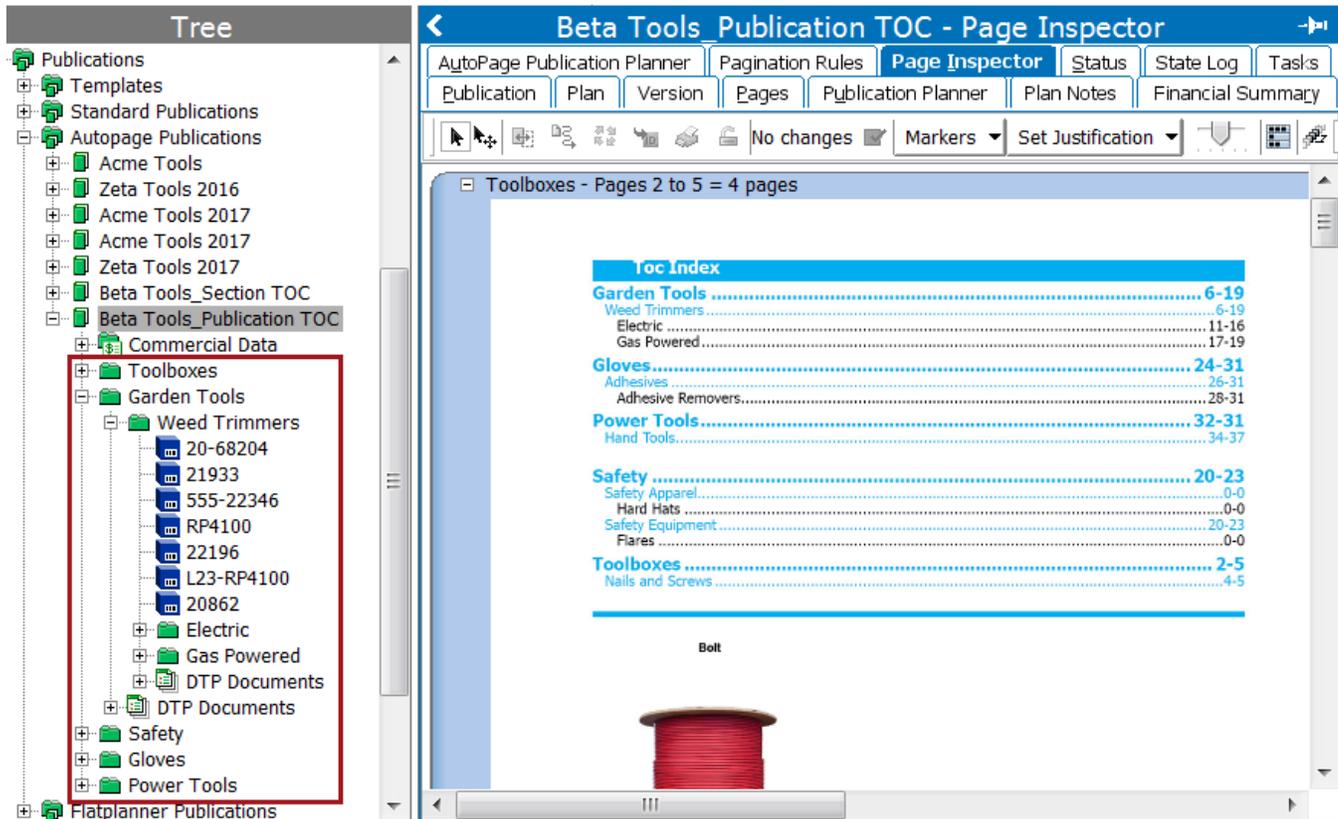
In AutoPage, tables of contents (TOCs) can be mounted on pages that typically appear at the beginning of publications and/or sections. These tables of contents can also be thought of as **section indexes**, as their intent is to alphabetically list the STEP names of all sections that appear within an entire publication and/or the names of all subsections that appear within a section. The mounting of tables of contents / section indexes in AutoPage is accomplished using a combination of the following:

- A specially configured product template
- 'Repeat' pagination rules
- 'Object layout' pagination rules

The product template that is used to create tables of contents uses tagging that mounts the following information:

- STEP names of the child sections and subsections of the publication and/or section
- Values from calculated description attributes that pull in the first and last page numbers of mounted pages that are saved into the publication's sections and subsections

Combining this product template with the aforementioned AutoPage pagination rules will mount the publication and/or section objects themselves onto pages. The following screenshot shows an example of a mounted publication-level table of contents on a page as displayed in the AutoPage **Page Inspector**.



This topic focuses on how to configure the AutoPage **pagination rules** that will mount the table of contents in autopaginated publications. It does not describe how to create and configure the product template that is used in conjunction with these pagination rules. For information on how to create this product template, see the **Creating a Table of Contents Product Template** section of the **STEP'n'design** documentation.

Rules for Publication-level Tables of Contents

To create a table of contents for an entire publication, the publication object itself is mounted. In order to mount a publication object, there must be at least one **repeat** pagination rule and one **object layout** pagination rule configured at the publication level.

The **Repeat rules** pagination rule group is configured to use the pagination rule condition **If first in publication** and the pagination rule action **Repeat publication**. The combination of this condition and action enable the publication object itself to be mounted at the beginning of the publication.

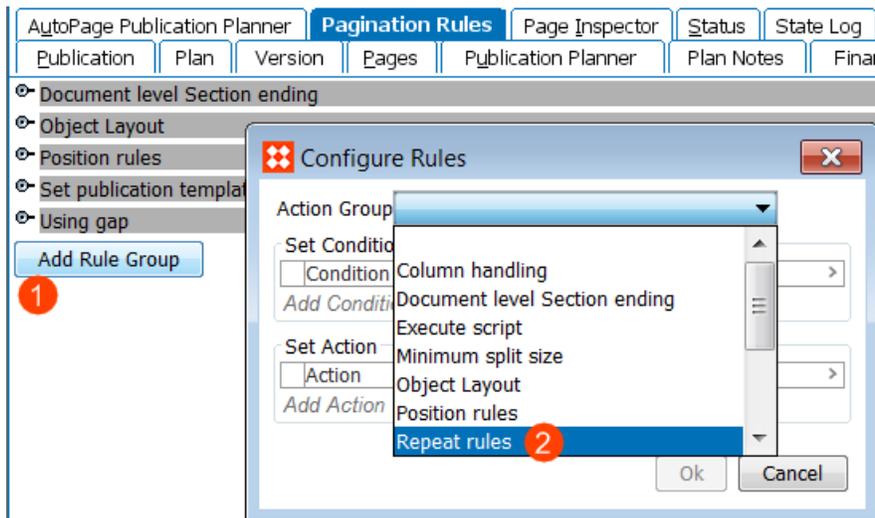
The **Object Layout** pagination rule group is configured to use the pagination rule condition **If the Object Type is** and the pagination rule action **Use product template**.

The following sections describe how to configure the combination of these rules using the relevant publication object type and a product template designed to create a TOC / section index.

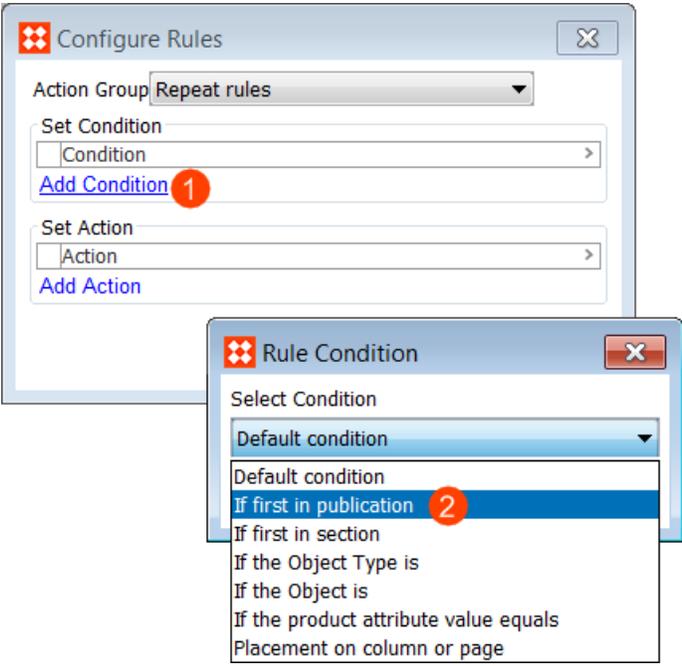
Repeat Rule

To configure the Repeat rule for the publication object, follow these steps:

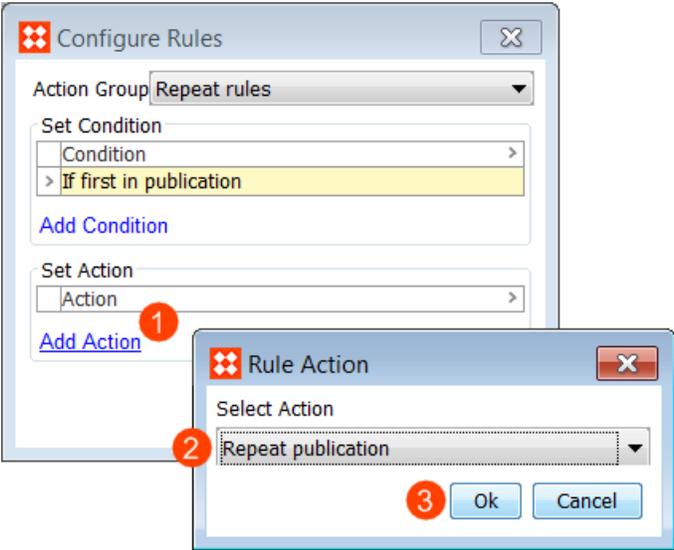
1. Navigate to the relevant publication in the publication hierarchy, then click on the **Pagination Rules** tab.
2. Click **Add Rule Group**. In the **Configure Rules** dialog that displays, select **Repeat rules** from the **Action Group** dropdown list.



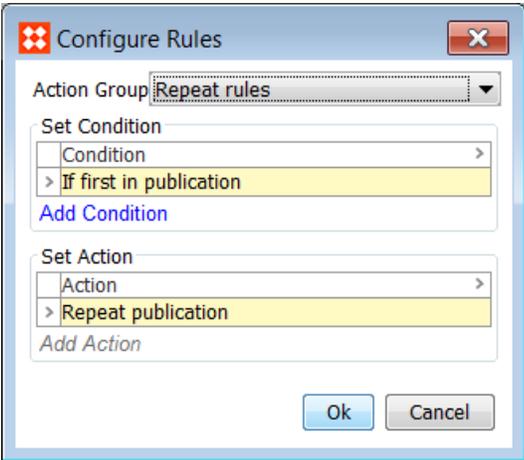
3. Next, click **Add Condition**. In the **Rule Condition** dialog that displays, select **If first in publication** from the **Select Condition** dropdown list, then click **Ok**. (The Ok button is not pictured; it is behind the Select Condition dropdown list.)



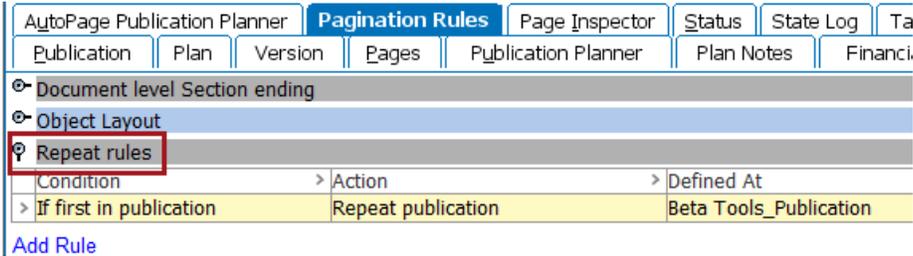
4. On the **Configure Rules** dialog, click **Add Action**. In the **Rule Action** dialog that displays, select **Repeat publication** from the **Select Action** dropdown list, then click **Ok**.



5. The **Configure Rules** dialog should now look like this. Click **Ok** to close the dialog.



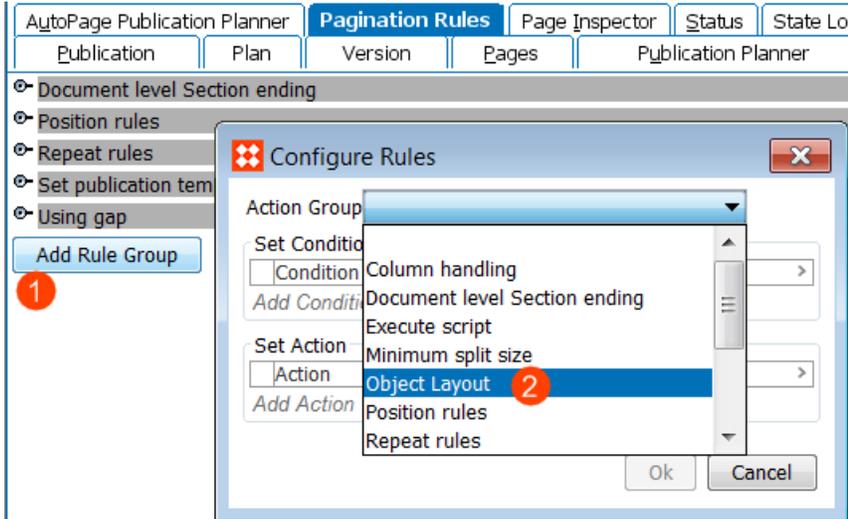
6. When configured properly, the Repeat rule for publications will look like this on the Pagination Rules tab:



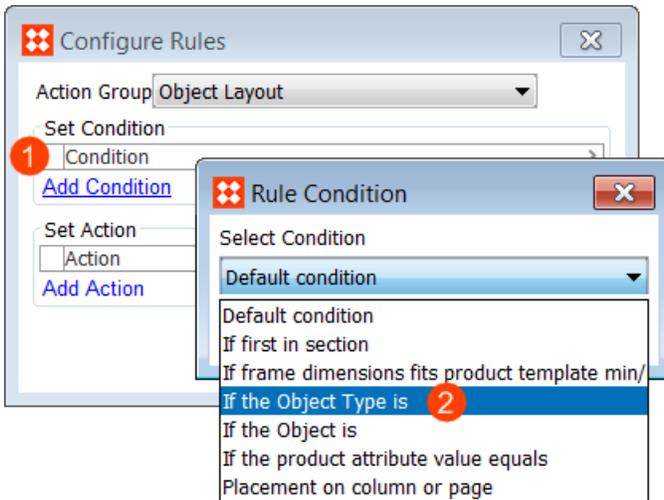
Object Layout Rule

To configure the Object Layout rule for the publication object, follow these steps:

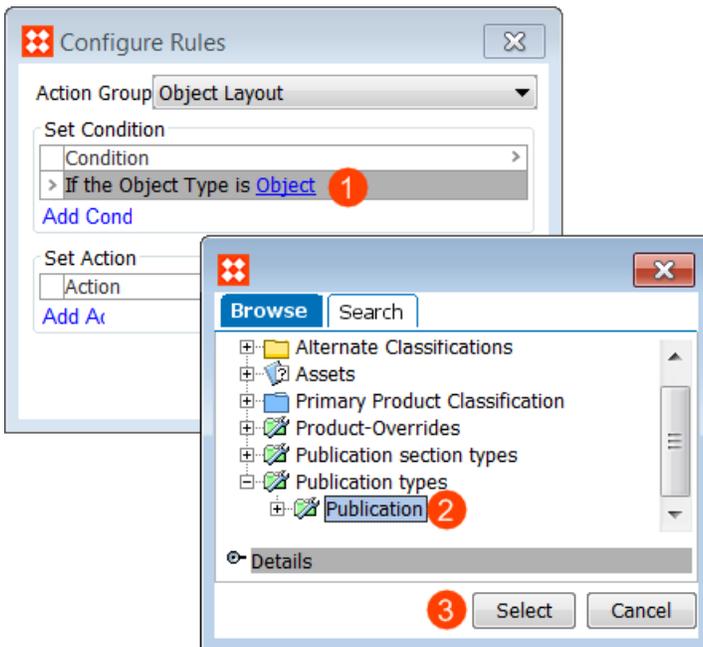
1. On the **Pagination Rules** tab, click **Add Rule Group**. In the **Configure Rules** dialog that displays, select **Object Layout** from the **Action Group** dropdown list.



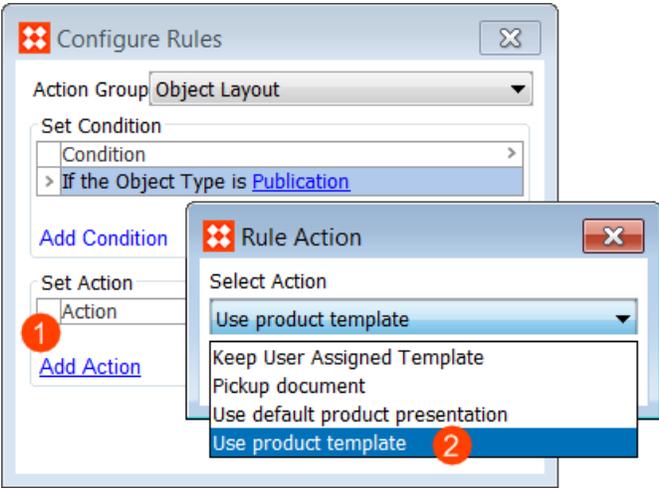
- Next, click **Add Condition**. In the **Rule Condition** dialog that displays, select **If the Object Type is** from the **Select Condition** dropdown list, then click **Ok**. (The Ok button is not pictured below, as it is behind the Select Condition dropdown list.)



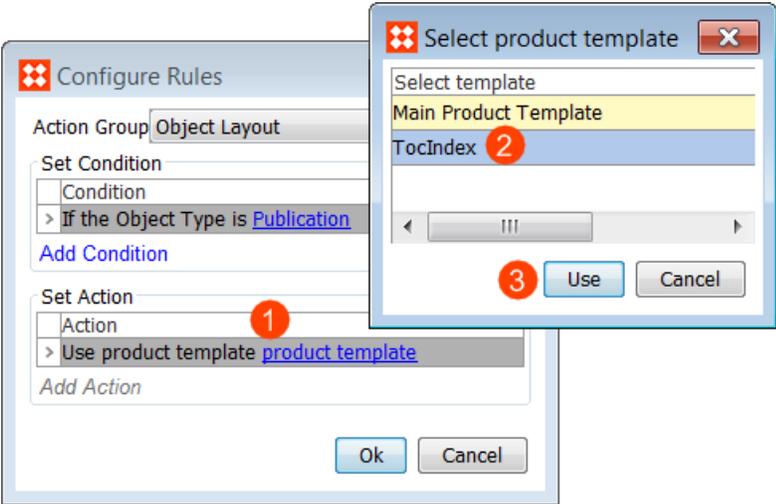
- In the **Set Condition** area on the **Configure Rules** dialog, click **Object**. In the browse / search window that displays, select the relevant publication object type, then click **Select**.



- Next, click **Add Action**. In the **Rule Action** dialog that displays, select **Use product template** from the **Rule Action** dropdown list, then click **Ok**. (The Ok button is not pictured below, as it is behind the Select Action dropdown list.)



- 5. Click **product template**. In the **Select product template** dialog, choose the product template that has been configured to mount the table of contents / section index, then click **Use**.



- 6. On the **Configure Rules** dialog, click **Ok**. The configured Object Layout rule for publications should look like this:

AutoPage Publication Planner	Pagination Rules	Page Inspector	Status	State Log	Tasks	
Publication	Plan	Version	Pages	Publication Planner	Plan Notes	Financial Summary
Document level Section ending						
Object Layout						
Condition			Action		Defined At	
If the Object Type is Publication			Use product template TocIndex		Zeta Tools 2016	
Add Rule						

Additional Information on Publication Repeat Rules

The **Repeat publication** pagination rule action in the **Repeat rules** pagination rule group can also be used to pull information from publication objects other than TOCs. For example, the following screenshot shows a combination of Object Layout and Repeat rules that could be used to mount information from the publication object, such as its STEP name, at the top of each page in the publication. Other use cases could include the automatic creation of a cover sheet or confidentiality statement at the beginning of a publication.

AutoPage Publication Planner		Page Inspector	Status	Sta
Publication	Plan	Version	Pages	Publication Planner
Object Layout				
Condition		Action		
If the Object Type is Publication and If placement is on a left page		Use product template Publication		
If the Object Type is Publication and If placement is on a right page		Use product template Publication Right		
Add Rule				
Repeat rules				
Condition		Action		
If placement is at top of a page		Repeat publication		
Add Rule				

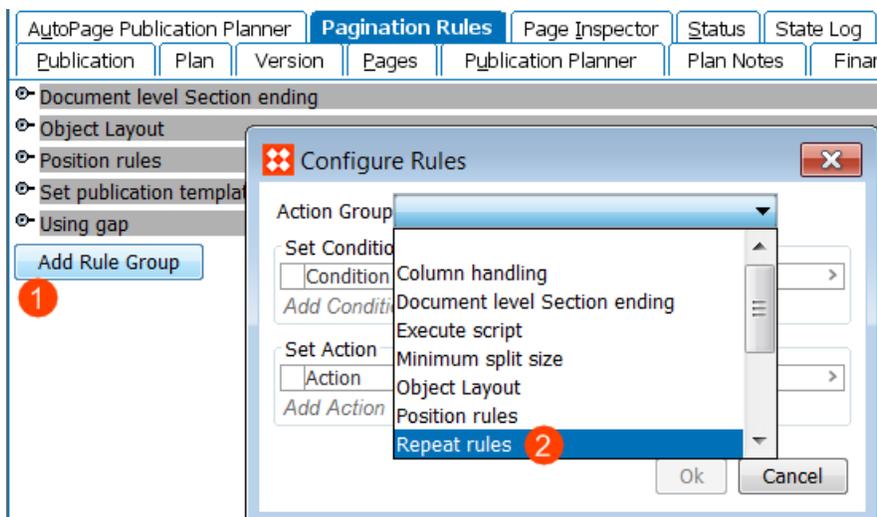
Rules for Section-level Tables of Contents

Mounting tables of contents at the section level in AutoPage uses a nearly identical setup to the mounting of tables of contents at the publication level. The difference is, instead of all sections in the entire publication being mounted at the publication level, each subsection within each section is mounted at the section level. These TOCs will appear at the beginning of every section instead of one time for the entire publication.

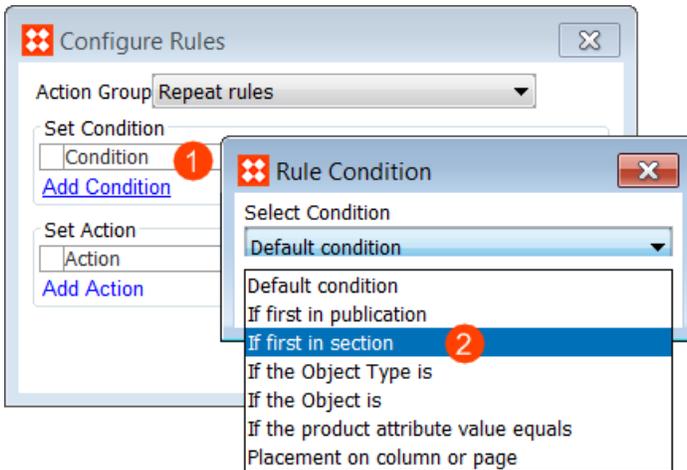
Repeat Rule

To add the Repeat Rule for sections, follow these steps:

1. Navigate to the relevant publication in the publication hierarchy, then click on the **Pagination Rules** tab.
2. Click **Add Rule Group**. In the **Configure Rules** dialog that displays, select **Repeat rules** from the **Action Group** dropdown list.



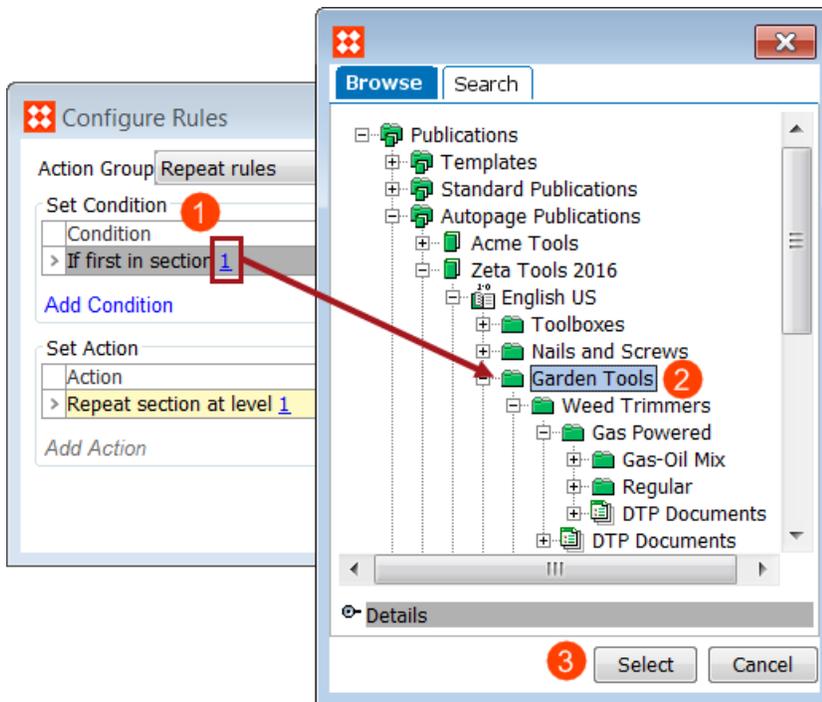
3. In the **Configure Rules** dialog, click **Add Condition**. In the **Rule Condition** dialog that displays, select **If first in section** from the **Select Condition** dropdown list, then click **Ok**. (The Ok button is not pictured, as it is behind the Select Condition dropdown list.)



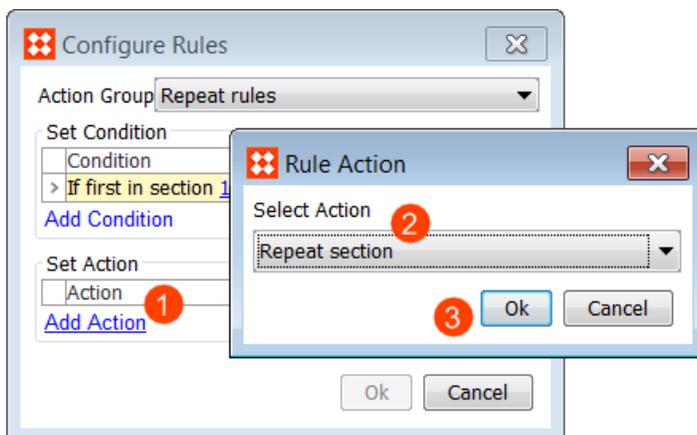
4. In the **Set Condition** area, click on the hyperlinked number, then choose a section on the level where you would like the table of contents / section index to mount. (It does not matter which specific section is chosen; just the *level* of the section.) In this example, the section Garden Tools is a first-level section. Choosing this first-level section will mount a table of contents at the beginning of every 'level 1' section throughout the publication, and these tables of contents will contain the names of the subsections, which in this example would be Weed Trimmers, Gas Powered, etc.

If you would like the tables of contents to also mount at a subsection level, then choose a second-level section, and so on.

Click **Select** when finished.

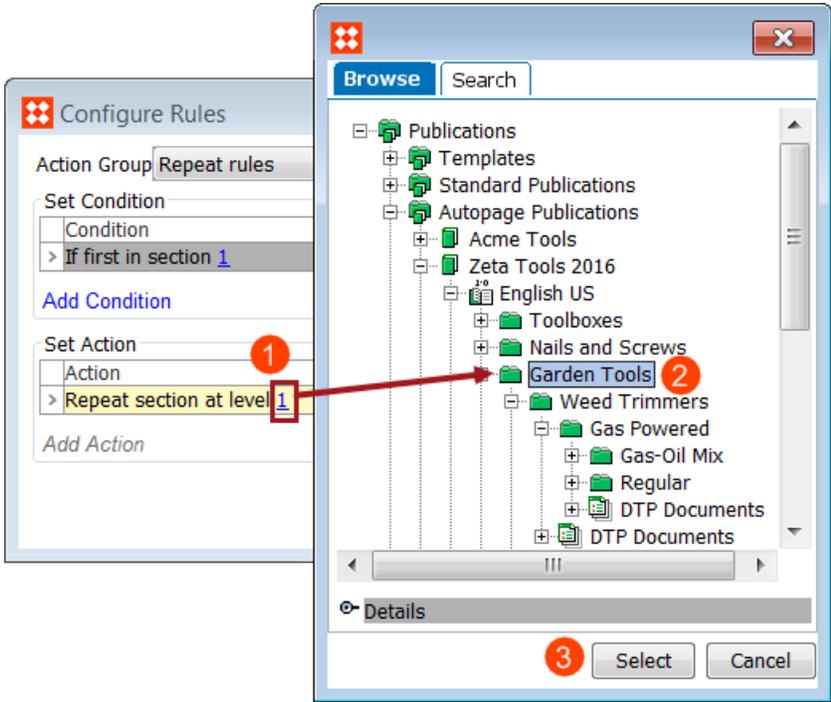


- In the **Set Action** area, click **Add Action**. In the **Rule Action** dialog that displays, select **Repeat section** from the **Select Action** dropdown list, then click **Ok**.

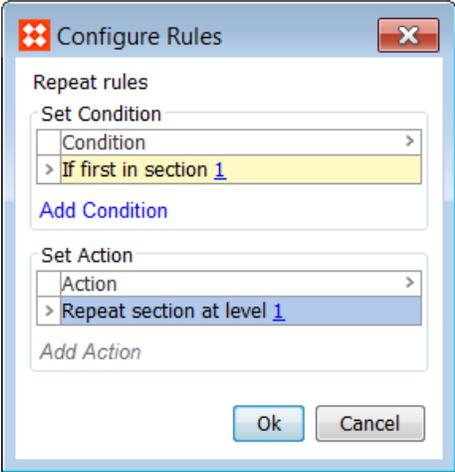


- In the **Set Action** area, click on the hyperlinked number, then choose a section on the level where you would like the table of contents / section index to mount. This section level should match the level chosen for the 'if first in' condition.

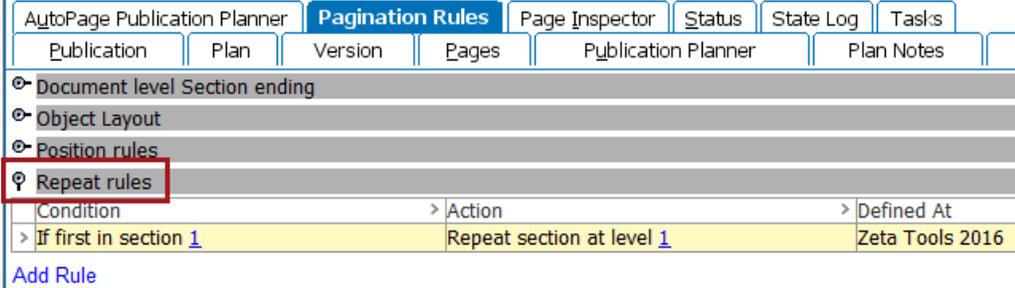
If you would like the tables of contents to also mount at a subsection level, then choose a second-level section, and so on.



7. The Configure Rules dialog should now look like this. Click **Ok** to close the dialog.



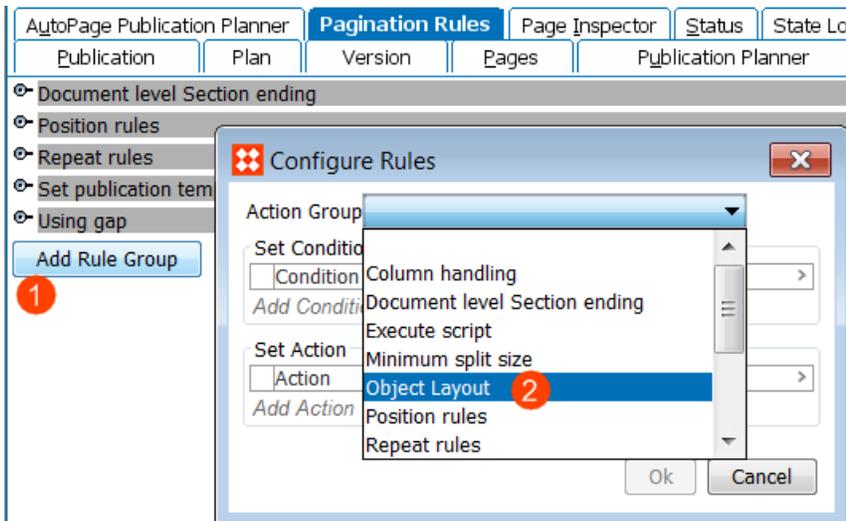
8. When configured properly, the Repeat rule for sections will look like this on the Pagination Rules tab:



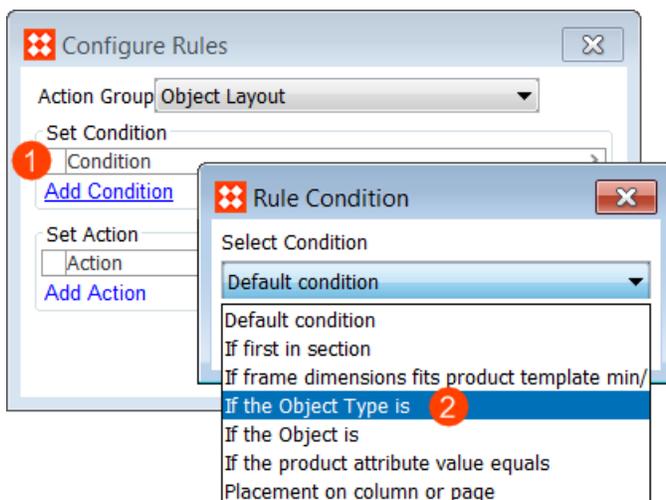
Object Layout Rule

To add the Object Layout rule for sections, follow these steps:

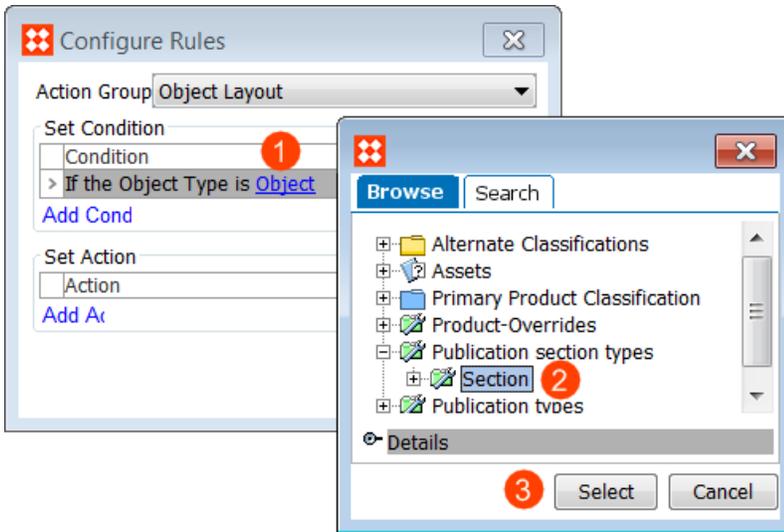
1. On the **Pagination Rules** tab, click **Add Rule Group**. In the **Configure Rules** dialog that displays, select **Object Layout** from the **Action Group** dropdown list.



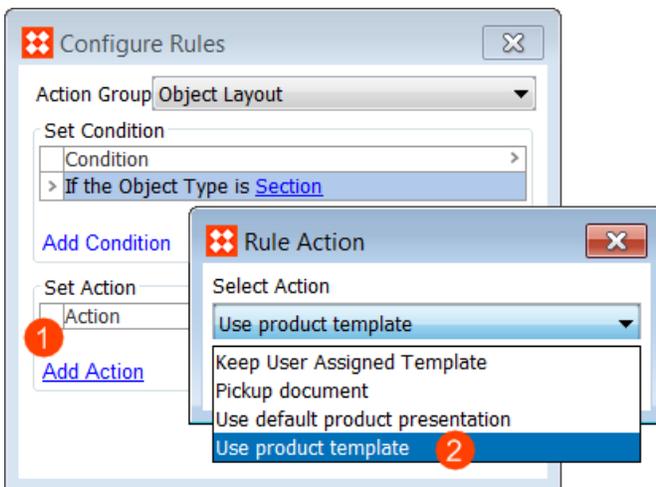
2. Next, click **Add Condition**. In the **Rule Condition** dialog that displays, select **If the Object Type is** from the **Select Condition** dropdown list, then click **Ok**. (The Ok button is not pictured below, as it is behind the Select Condition dropdown list.)



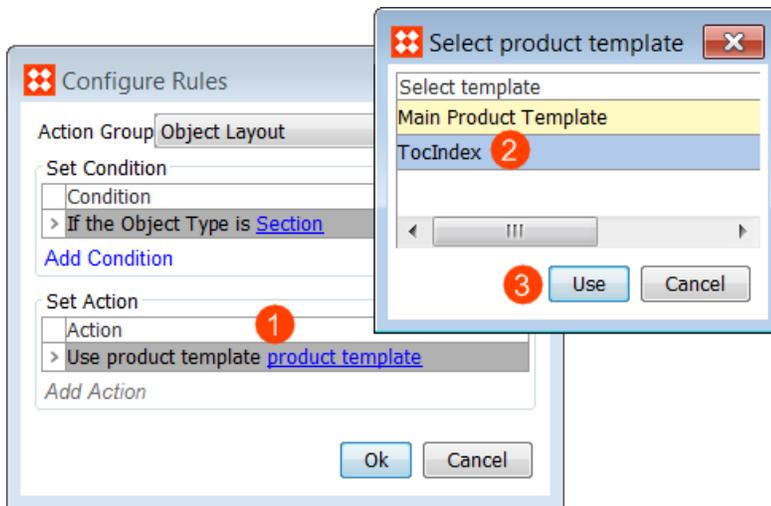
3. In the **Set Condition** area on the **Configure Rules** dialog, click **Object**. In the browse / search window that displays, select the relevant section object type, then click **Select**.



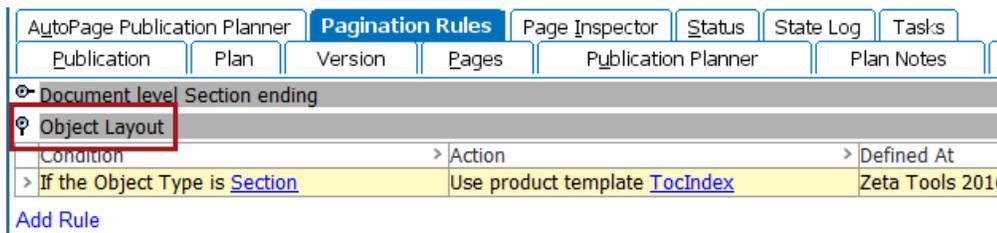
- Next, click **Add Action**. In the **Rule Action** dialog that displays, select **Use product template** from the **Rule Action** dropdown list, then click **Ok**. (The Ok button is not pictured below, as it is behind the Select Action dropdown list.)



- Click **product template**. In the **Select product template** dialog, choose the product template that has been configured to mount the table of contents / section index, then click **Use**.



6. On the **Configure Rules** dialog, click **Ok**. The configured Object Layout rule for sections should look like this:



For More Information

For more information on AutoPage pagination rules, see **About AutoPage Pagination Rules** in the **AutoPage** documentation.

Autopaginating Pages

When you have selected and sequenced the objects in a publication, you can auto paginate the pages. You can paginate an entire publication or only parts of a publication such as a version or a section. Before you start the auto pagination, verify that you have defined pagination rules for the publication, section or subsection that you want to paginate.

You can paginate one or all versions of a publication. When you paginate all versions of a publication at the same time, the different versions will be part of the same document but in different layers. Therefore, you have to define layer mappings on the publication. The layer mappings specify how layers from the product template are mapped to the layers in the actual InDesign document. For more information about layer mapping, see [Publication Maintenance](#) in the Getting Started documentation.

Every object is measured and space is allocated for the longest version on all layers. As a result, every product presentation element starts on the same position in all versions. The product presentations that you select for a multi-version auto-pagination publication must be the same in the different versions.

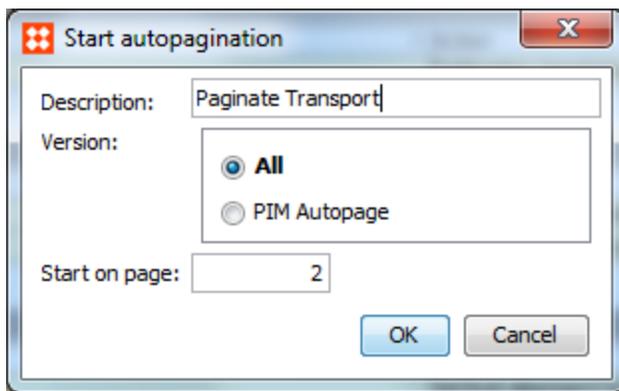
Important: Because the auto-generated DTP documents are saved at the top level section of a publication, re-running auto pagination on a publication will replace all the DTP documents at the top section level. This happens regardless of whether you re-run auto pagination on a publication or parts of a publication. It is therefore recommended that you always run auto pagination at top section level.

To Start the Auto Pagination Process

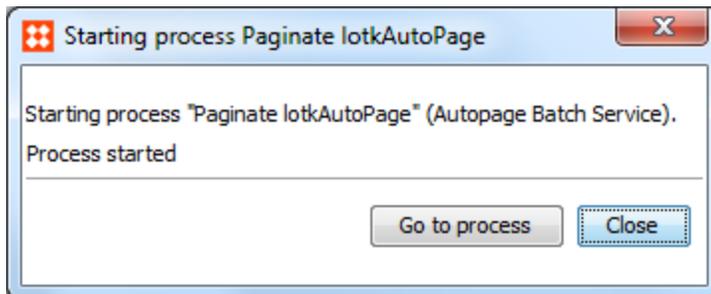
1. In the **Tree**, click the publication, version, section or subsection that you want to paginate.

Important: It is recommended that you start pagination at top section level.

2. Right-click, and then click **Autopaginate**. The **Start autopagination dialog** appears.



3. In **Version**, select the version you want to paginate.
4. In the **Start on page** field, specify from which page you want the auto pagination to start, and then click **OK**.



5. The **Starting process Paginate** dialog appears. Click **Close** or **Go to process**. **Go to process** goes to **Autopage Batch Service** on the **BGProcesses** tab.

The actual pagination is carried out by the InDesign server. A pagination request calls the InDesign server via the background process and starts the pagination process. The InDesign server then carries out page pagination based on the applied publication template and pagination rules. When completed, the InDesign server saves the paginated pages to the STEP database.

When the pages have been paginated you can view the pages on the **Page Inspector** tab. The paginated pages are automatically saved in the relevant section or subsection in the **DTP Documents** node.

Managing Objects in AutoPage

Objects are paginated in the sequence they appear in the hierarchy in the Tree. You can set the object sequence by using drag and drop to link the products to a section, or by sequencing them in a XML file that you import.

You can change the object sequence as required.

To Change the Object Sequence

If you want to change the position of a product, assets or classification, you have the following options.

- In the **Tree**, click the object you want to move, and drag and drop it to the preferred position in the Tree.
- On the **AutoPage Publication Planner** tab, click the object you want to move, and drag and drop it to the preferred position.
- If you use an XML file to link objects to a publication, you can change the sequence of the object IDs in the XML file, and then import the XML file again.

Example: The following example shows you how to change the product sequence in an XML file. In this example, the position of **<ProductLink ID="AC200-207"/>** is changed. Furthermore, a new product, **<ProductLink ID="AC200-208"/>**, is added to the XML file.

XML file before sequence change

```
<PublicationSection ID="SubSection1-2" UserTypeID="Section">
  <Name>Sub Section 1.2</Name>
  <ProductLink ID="AC200-201"/>
  <ProductLink ID="AC200-202"/>
  <ProductLink ID="AC200-203"/>
  <ProductLink ID="AC200-204"/>
  <ProductLink ID="AC200-205"/>
  <ProductLink ID="AC200-206"/>
  <ProductLink ID="AC200-207"/>
</PublicationSection>
```

XML file after sequence change

```
<PublicationSection ID="SubSection1-2" UserTypeID="Section">
  <Name>Sub Section 1.2</Name>
  <ProductLink ID="AC200-207"/>
  <ProductLink ID="AC200-201"/>
  <ProductLink ID="AC200-202"/>
  <ProductLink ID="AC200-203"/>
  <ProductLink ID="AC200-204"/>
  <ProductLink ID="AC200-205"/>
  <ProductLink ID="AC200-206"/>
  <ProductLink ID="AC200-207"/>
```

```
<ProductLink ID="AC200-208"/>
</PublicationSection>
```

This sample XML code is an extract of an XML file.

Removing Products, Assets or Classifications from an AutoPage Publication

You can unlink products, assets and classifications from a section or subsection in an AutoPage publication.

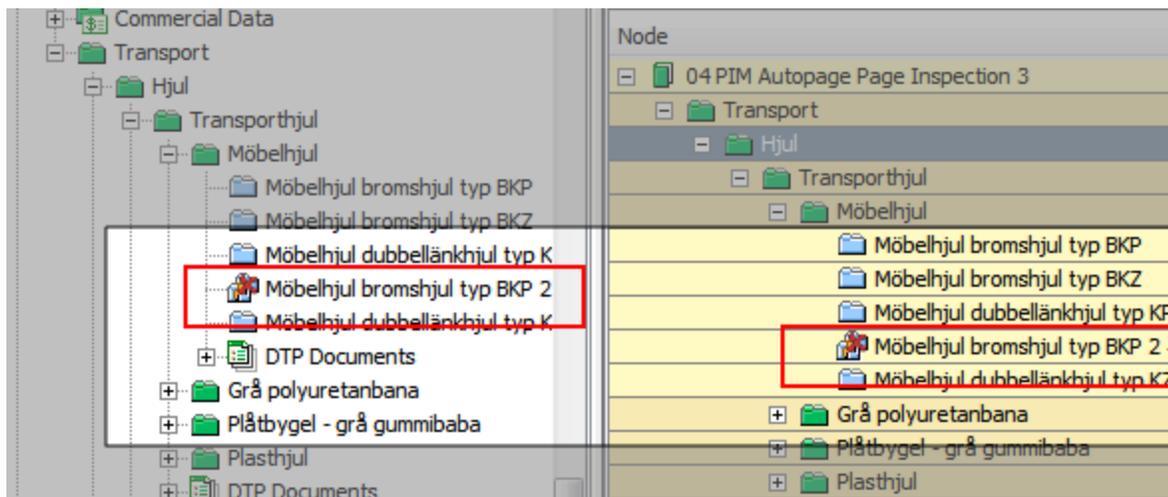
1. In the **Tree**, expand the relevant publication, expand the relevant section, and then click the object you want to unlink.
2. Right-click the object and then choose **Unlink product** or **asset** or **classification**.
3. Alternatively, on the **AutoPage Publication Planner** tab, right-click the relevant object, and then choose **Unlink from section**.

Note: If an object has been imported from an XML file, you cannot unlink the object by editing the XML file. You must delete the object in the Tree.

Identifying Objects that Are Not in the Workspace

An object does not necessarily exist in all workspaces. If an object does not exist in the workspace that is specified for the current publication, the object is marked with a red cross in the Tree and on the AutoPage Publication Planner tab.

An object is marked with a red cross when the current publication version points to an approved workspace and the object has not been approved yet. An object is also marked with a red cross, when the current publication version points to the main workspace and the object has been deleted from that workspace but still exists in the approved workspace.



Inspecting and Editing Pages

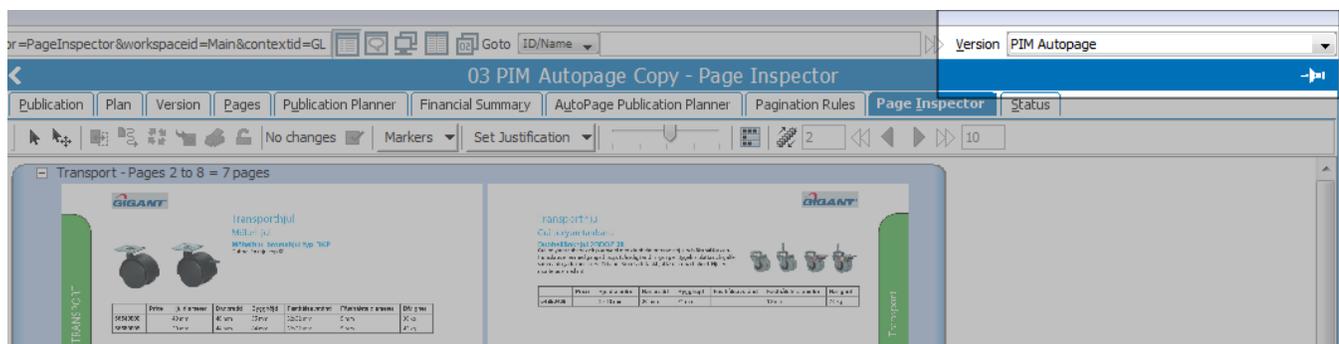
When the paginated DTP pages have been saved back to STEP, you can inspect and edit the pages on the Page Inspector tab and the AutoPage Publication Planner tab. You can inspect both single and multi-version autopaginated publications.

On the **Page Inspector** tab and **AutoPage Publication Planner** tab you can do the following:

- View markers for product borders, measurements, oversets, layout source, and update needed. See [Viewing Markers](#) on page 67
- Reposition objects. See [Repositioning and Resequencing Objects](#) on page 68
- Resequence objects. See [Repositioning and Resequencing Objects](#) on page 68
- Check if an update is needed and update content. See [Updating Documents in AutoPage](#) on page 76
- Get information about oversets. See [Viewing Overset Text](#) on page 74
- Remount objects. See [Remounting and Reflowing Objects](#) on page 70
- Reflow objects. See [Remounting and Reflowing Objects](#) on page 70
- Set Justification. See [Repositioning and Resequencing Objects](#) on page 68
- Set page numbers. See [Controlling Page Numbers](#) on page 72
- Create a PDF. See [Generating PDFs for Proof Viewing](#) on page 78
- Print pages or sections. See [Printing Pages, Sections, or Subsections](#) on page 79
- Create a Publication Report (see the following)

To Inspect Multi-version Paginations

- To inspect a specific version, from the **Version** list, select the relevant version. The page layers of the selected version are displayed in the Page Inspector.



Note: When you apply any of the actions Remount, Reflow, Update content, Apply changes or Justification, they apply to all versions of a publication, not just the selected version.

To Edit a Document in InDesign

It is possible to open and edit a document directly in InDesign. You can make changes in InDesign and then save the document back to STEP. For more information, see the STEP'n'design User Guide.

To Create a Publication Report

It is possible to make a comma separated (CSV) file that contains the information that is shown in the AutoPage Publication Planner.

1. In the **Tree**, click the relevant publication, section, or subsection.
2. Click the **AutoPage Publication Planner** tab, and then select the sections or subsections that you want to make a report from, right-click, and then click **AutoPage Planner Report**. The **Save** dialog box appears.
3. Select a **Save in** destination, enter a **File name** and then click **Save**.

Viewing Markers

When you are inspecting pages, markers provide information about the products in a product presentation.

To View Markers

1. In the **Tree**, click the relevant section or subsection.
2. On the **Page Inspector** tab, click **Markers** . The **Markers** selection list appears. You have the following options:

Marker	Description
Show Borders	Places a black frame around each object to show the borders of a product presentation.
Show Measures	Shows the width and height of a product presentation as well as the free space left on a page.
Show Oversets	Shows which paginated objects contain overset text. The objects are highlighted in orange.
Show Layout Source	Shows the name of the product template and the path where the template can be found. If the product is mounted with an existing layout that is picked up from another publication, this is also shown. When you hover the mouse over the layout symbol , you see the details about the product template.
Show Update Needed	Indicates if the product data has been updated since the product was mounted on the page. The objects are highlighted in light red. If an object is both overset and needs update and both markers are shown, the object is highlighted in red. Objects are only highlighted if you have run Check for update needed .

3. Click the preferred marker.

Repositioning and Resequencing Objects

To Reposition Objects Manually

You can change the position of objects manually. This is useful, for example, if you want to use the remaining white space in a different way. If you want to change the order of the objects, it is recommended that you re-sequence objects instead.

1. In the **Tree**, click the relevant section or subsection.
2. On the **Page Inspector** tab, click the object whose position you want to change, and then click the **Positioning** tool .
3. Drag and drop the object to its new position.
4. The new position is now highlighted in green. The object's former position is highlighted in blue. The **Apply changes button** indicates the number of objects that have been repositioned. If the item is overset or needs to be updated, the object is highlighted in cyan.



1. Click **Apply changes** for the new position to take effect. If you have only made one single change, the system makes the change immediately. Otherwise, a background process is started.

To Change the Object Sequence

You can change the sequence of the objects of the paginated pages from the **AutoPage Publication Planner**.

1. In the **Tree**, click the relevant section or subsection.
2. On the **AutoPage Publication Planner** tab, click the object you want to change the sequence of, and then drag and drop it to its new position.

Note: You need to run auto pagination again or use reflow before the resequencing of the objects takes effect on a page.

Organizing Publication Sections and Subsections in the Tree

Sections and subsections in publications can be manually organized in the Tree through simple drag-and-drop operations as long as the following object types are set to **Manually Sorted** = Yes:

- Publication Group (typically, the object type with the STEP ID 'Publication group root')
- Publication (typically, the object type with the STEP ID 'Default publication type')
- Section (typically, the object type with the STEP ID 'Section')

In the Tree, subsections may be dragged and dropped out of their parent sections and promoted to higher-level subsections or top-level sections. Likewise, sections may be dragged and dropped into other sections, enabling the 'demotion' of sections to subsections.

This functionality simplifies the maintenance of more complex publications where multiple levels of organization are needed.

Note: Though Sections and subsections can be rearranged in the **AutoPage Publication Planner**, the functionality available in the Tree is far more robust. Subsections cannot be promoted to top-level Sections in the AutoPage Publication Planner—they can only be reordered within their parent Sections.

For more information, see **Organizing Publication Sections in STEP** in the STEP'n'design documentation.

To Set Object Justification

You can manually justify objects on a page.

1. In the **Tree**, click the relevant section or subsection.
2. On the Page Inspector tab, select either a product, multiple products, or a page, then click **Set Justification**. You have the following options:
 - **Justify Top:** repositions the selected objects at the top of the page.
 - **Justify Bottom:** repositions the selected objects at the bottom of the page.
 - **Justify Balance:** repositions the selected objects so that the white space between the objects is distributed evenly.

Note: If you want to set the justification on an entire publication, use a Publication Parameter Rule. For more information, see [AutoPage Pagination Rules](#) on page 26.

Remounting and Reflowing Objects

To Remount Objects

You can remount one or more objects at a time for the paginated pages. This is useful, for example, if you have made changes to the template, if you want to resolve overset text, or if the product content has been changed.

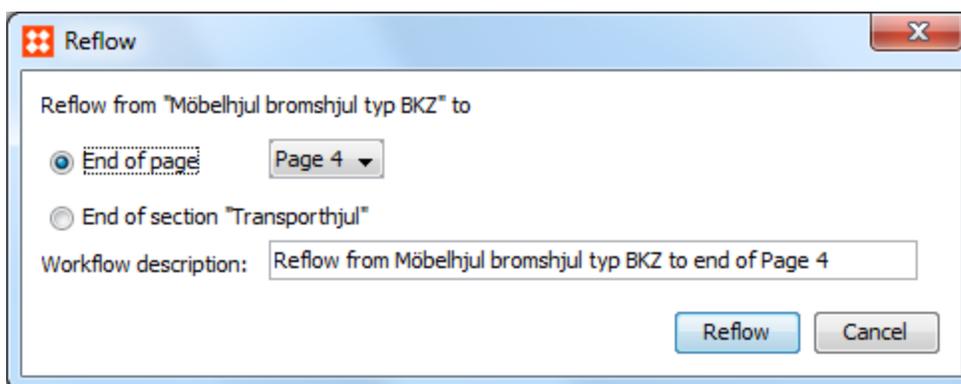
- In the **Tree**, click the relevant section or subsection, and then do the following:
 - On the **Page Inspector** tab, select the relevant objects or pages that you want to remount, and then click the **Remount** icon .
 - OR-
 - On the **AutoPage Publication Planner** tab, select the section or objects that you want to remount, right-click, and then click **Remount**.

If you only select one object, the system makes the change immediately. Otherwise, the system starts a background process.

To Reflow Objects

You can reflow objects until the end of a page or the end of a section. This is useful if you want to optimize a limited number of pages, for example, if you have removed an object or have re-sequenced objects. In this case, it is recommended that you run a reflow instead of a complete auto-pagination.

- In the **Tree**, click the relevant section or subsection, and then do one of the following.
 - On the **Page Inspector** tab, select the relevant object or page, and then click the **Reflow** icon .
 - OR-
 - On the **AutoPage Publication Planner** tab, select the relevant sections or objects, right-click, and then click **Reflow**. The **Reflow** dialog appears.



Select either **End of page** or **End of section**.

- Click **Reflow**.

Note: If you have added products, new spreads will be added either at the end of the indicated page or at the end of the indicated section.

Controlling Page Numbers

To ensure consecutive page numbering in sections, you can specify the starting page number as shown in the following example:

Section 1: pages 1 - 10

Section 2: pages 11 - 20

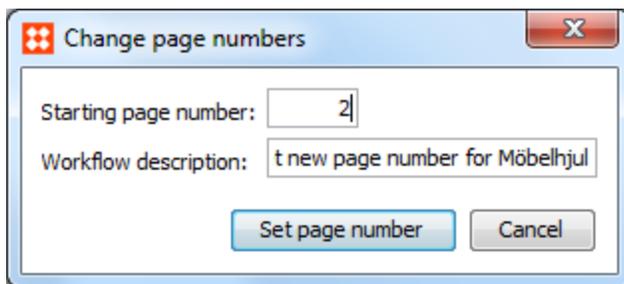
Section 3: pages 21 - 30

To Control Page Numbers

1. In the **Tree**, click the relevant publication, section or subsection.
2. Click the **AutoPage Publication Planner** tab, and then click the publication, section or subsection you want to set page numbers for.

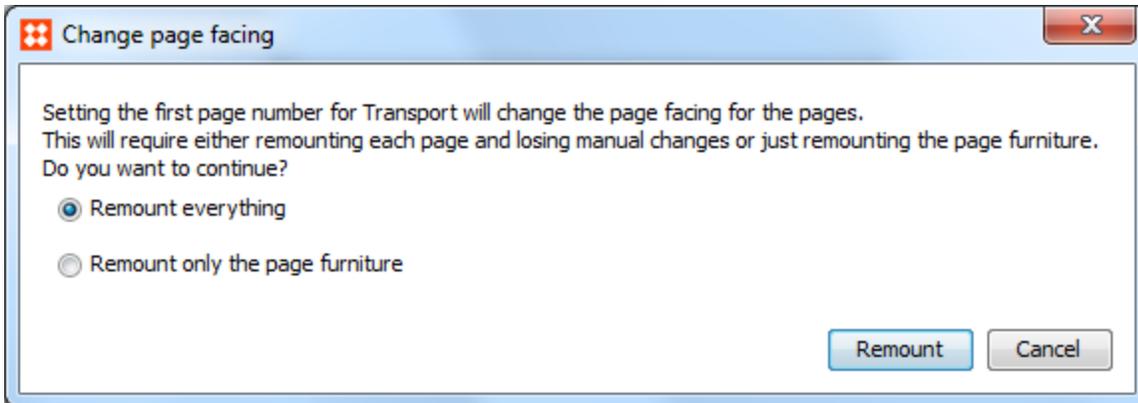
Note: It is recommended to set the page numbers at the section level.

3. Right-click, and then click **Set page number**.
A **Change page numbers** dialog box appears.



4. In the **Starting page number** field, type a number.
5. Click **Set page number**.
6. When you change the page numbers, it may result in page swap from left to right or right to left. If this is the case, the **Change page facing** dialog is displayed.

Select either **Remount everything** or **Remount only the page furniture**, and then click **Remount**. **Remount everything** is typically required, if different pagination rules exist for left and right pages. When you select **Remount everything**, all pages are remounted and all changes applied manually to the actual pages are lost. Click **Remount**



7. The **Starting process Set new page number** dialog appears. Click **Close** or **Go to process**. **Go to process** goes to **Autopage Batch Service** on the **BGProcesses** tab.

A request is sent to the InDesign server to update the page numbers of the actual pages in the section. The InDesign server saves a new version of the documents and actual pages to STEP.

Viewing Overset Text

On the **Page Inspector** tab, you can view information about text oversets.

1. From the **Markers** list, choose **Show Oversets**. The oversets are highlighted.
2. Double-click the white space of the page that contains oversets, and then click the **Details** tab.
3. Expand **Details**, and then expand **Overset**. You can now see the overset text. If you want to resolve the overset text, you can remount the object.

Updating Documents in AutoPage

To Check for Update Needed

To be able to view data changes, you have to check for updates.

1. In the Tree, click the relevant section or subsection, and then do one of the following:
 - Right-click the relevant section or subsection, and then choose **Check for update needed**.
- OR-
- On the **AutoPage Publication Planner** tab, right-click a section or subsection row, and then choose **Check for update needed**.

This starts a background process that checks for changes in all the products in the relevant section or subsection.

Important: Only content updates are shown. Template changes or pagination rule changes are not shown as updates needed on the Page Inspector tab or AutoPage Publication Planner tab.

Updating Content

You can update content in the following ways:

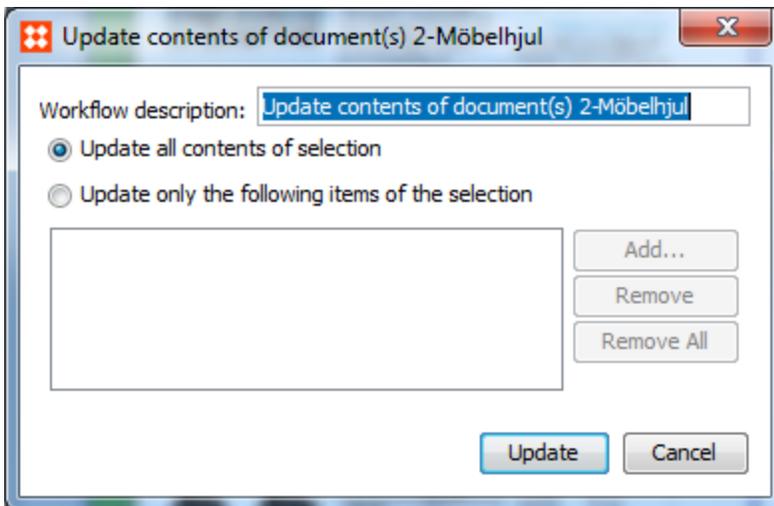
- Update all contents of the selected object or page.
- Update only the contents of selected items of selected objects or pages (attributes, commercial terms, asset references and object names) .

You can, for example, update one or more attributes at a time for the pages that are currently selected to view the latest object data. You can also update a number of products within a section or subsection that has already been mounted. Updating the contents ensures that the page contains the correct product values.

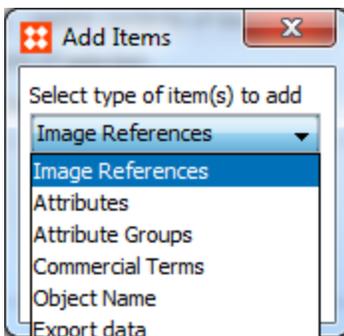
To Update Content:

1. In the **Tree**, click the relevant section or subsection, and then do one of the following:
 - On the **Page Inspector** tab, multi-select the pages or objects that contain content that needs to be updated, and then click **Update** .
- OR-
- Click the **AutoPage Publication Planner** tab, and then click the section or object that contains the content that needs to be updated, right-click, and then click **Update**. On the AutoPage Publication Planner tab you cannot update on page level.

The **Update contents of** dialog appears.



3. If you want to update all the contents of the current selection, select **Update all contents of selection**.
4. If you want to update specific attributes, commercial terms, asset references, or object names, select **Update only the following items of the selection**, and then click **Add** to add the relevant items. The **Add Items** dialog appears.



Click the relevant item, and then click **Select**. In some cases you have to **Search** or **Browse** for the relevant item.

Note: If you select **Object Name**, all product, classification, attribute, section and subsection names are updated. If a Repeat rule is applied to a section, but you only selected one page within this section to be updated, the section name is not updated outside of the selected page.

5. Click **Update**.

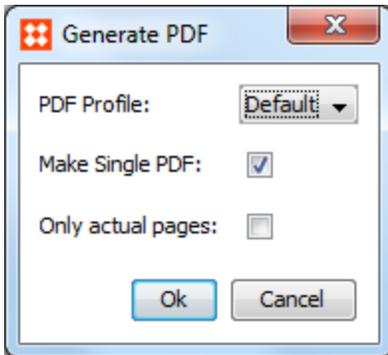
Note: Only Attribute values are updated. The table structure is not updated.

If you have only selected one object, the system makes the change immediately. Otherwise, a background process is started. The background process calls the InDesign server. The InDesign server then does the actual page update. When completed, the InDesign server saves a new version of the paginated pages to STEP.

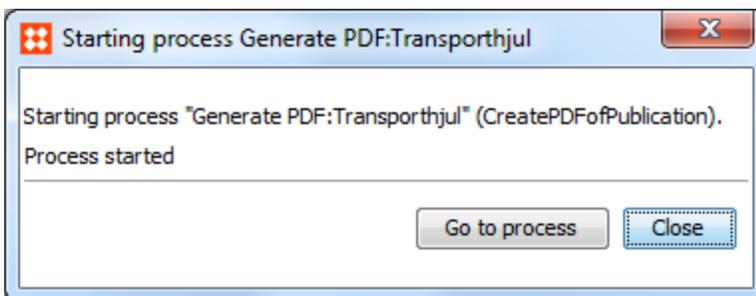
Generating PDFs for Proof Viewing

When you have paginated and reviewed your pages, you can proof view the publication and paginated pages in a PDF to ensure that they look the way you want them to. It is not possible to make a multi-layered PDF document.

1. In the **Tree**, expand the **Publication** hierarchy, and then expand the relevant publication.
2. Right-click the relevant publication or section, and then choose **Generate PDF**. The **Generate PDF** dialog appears. Alternately, click the **AutoPage Publication Planner** tab, select and right-click the preferred row, and then choose **Generate PDF**.



3. From the **PDF Profile** list, select the preferred profile.
4. Select **Make single PDF** if you want all documents to be included in one single PDF file. If not selected, a .ZIP file that includes a PDF of each single document is created.
5. If you only want the PDF to include pages that have been completed in InDesign and saved back to STEP, check **Only Actual Pages**.
6. Click **OK**. The **Starting process Generate PDF** message appears.



7. Click **Go to process** to view the PDF or click **Close**.

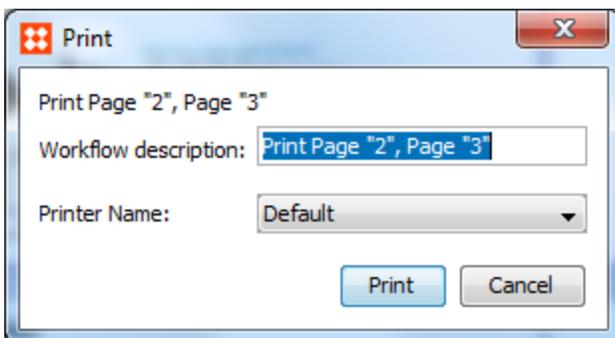
Note: PDF profiles are system dependent. Therefore, the PDF profile is set to Default, if no special PDF profiles have been configured for the system. Please contact Stibo Systems if you need additional PDF profiles.

Printing Pages, Sections, or Subsections

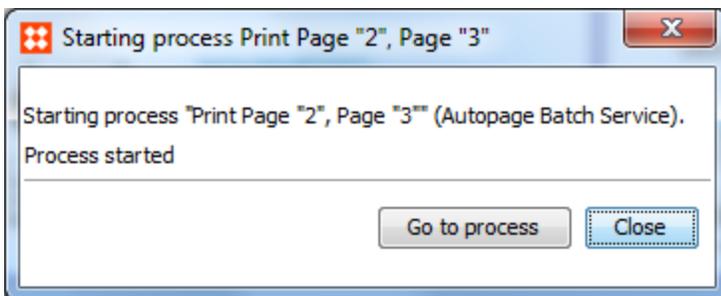
Sections and subsections may be printed from the AutoPage Publication Planner tab or from one or more pages from the Page Inspector tab.

1. In the **Tree**, click the relevant publication, section or subsection.
2. Do one of the following:
 - On the **Page Inspector** tab, select the pages that you want to print and then click the **Print** icon .
 - OR-
 - On the **AutoPage Publication Planner** tab, select the sections or subsections that you want to print, right-click, and then choose **Print**.

The **Print** dialog box appears.



3. Click **Print**.



4. The **Starting process Print Page** dialog appears. Click **Close** or **Go to process**. **Go to process** goes to **Autopage Batch Service** on the **BGProcesses** tab.

Note: In order to print, a default printer must be installed on the InDesign server. Contact Stibo Systems for assistance if you need help configuring the InDesign server.

Using the getInheritedPublicationValue Function in AutoPage

The calculated attribute function 'getInheritedPublicationValue' is used to pick up metadata (Description) attribute values from section, publication, and publication group objects. Use cases for this function include the display of publication-related metadata on mounted pages created in AutoPage.

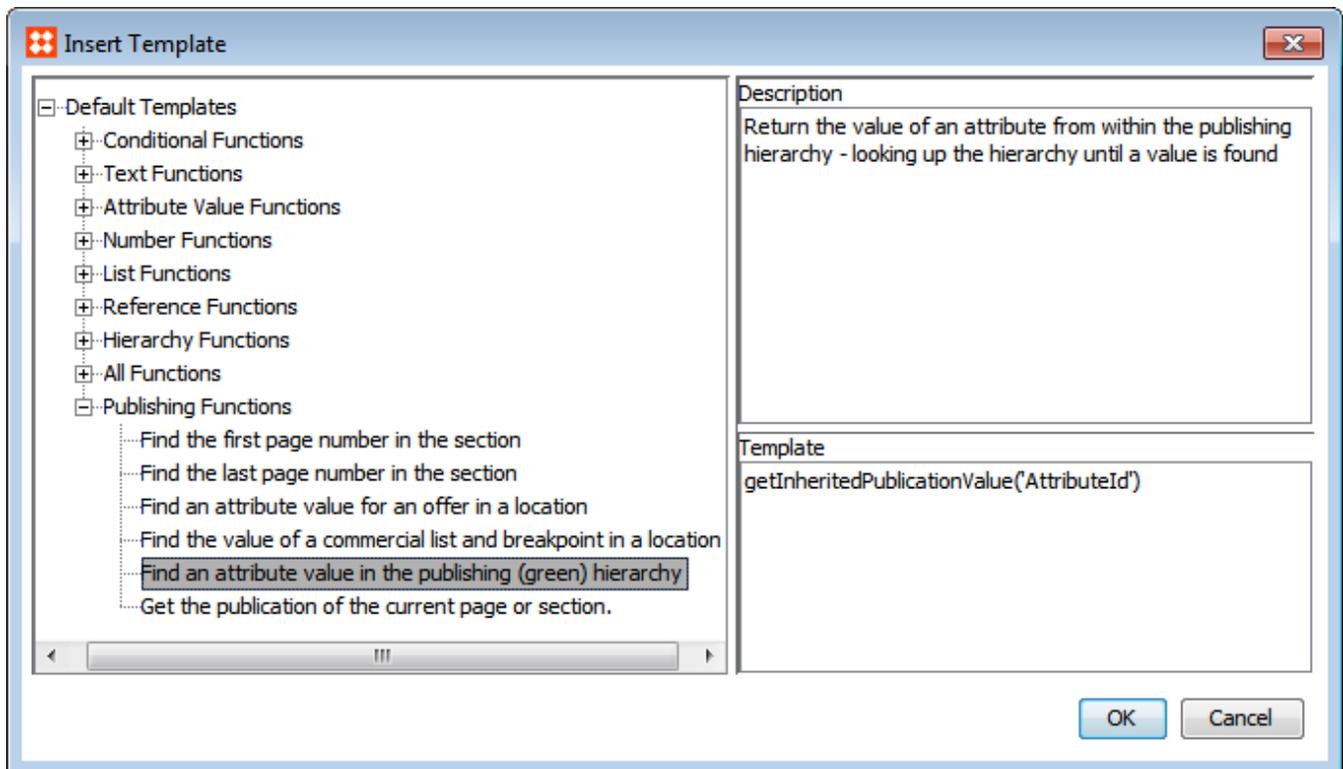
Calculated attributes using the 'getInheritedPublicationValue' function can be used to mount publication metadata onto InDesign pages by way of InDesign tagging applied to the publication template. This functionality allows users more dynamic control over content that exists as 'furniture' (publication template elements) on page spreads. For example, a Section-level description attribute that identifies the 'theme' of the Section could be displayed on side tabs or headers of mounted pages, reducing manual work on publication templates and mounted pages.

The following information describes how to use the 'getInheritedPublicationValue' function to pull metadata values from a section, a publication, and a publication group onto InDesign pages generated in AutoPage.

Configuring the Calculated Attribute(s)

Create a calculated Description attribute using the 'getInheritedPublicationValue' calculated attribute function by following these steps:

1. Create the Description attribute by the same method that you would create any other Description attribute. (See the **Creating Attributes** section of the **System Setup / STEP Super User Guide** documentation for more information.)
2. After creating the attribute, right-click in the **Value template** field on the **Attribute** tab and select **Edit Function**. The **Function Editor** will open.
3. Click **Insert Template**, then expand the **Publishing Functions** section of the Default Templates.
4. Select 'Find an attribute value in the publishing (green) hierarchy' and click OK. The **Insert Template** window will close.
5. In the **Function Editor**, replace 'Attributeld' with the ID of the metadata attribute that you would like to pull onto the page.



Note: Calculated attributes related to publishing functions cannot be tested in the Function Editor, as publication hierarchy [green] objects are not among the available options when selecting an object as the Evaluation Node.

Sample Publication Metadata Attributes Configuration

In this example, three calculated attributes have been created: one to pick up values from section objects (ID = GetInheritedSectionValue), one to pick up values from publication objects (ID = GetInheritedPublicationValue), and one to pick up values from publication group objects (ID = GetInheritedPubGroupValue).

- GetInheritedSectionValue [using the formula **getInheritedPublicationValue('SectionTheme')**] will pick up the value of the description attribute SectionTheme:

Publication Section		Plan	Publication Planner
Description			
Name	> >	Value	
ID		108202	
Name		Party Favors	
Object Type		Section	
Revision		0.1 Last edited by U:	
Path		Publications/Flatplan	
Start section on page		1	
Circulation	123		
Cover Photo Shot Due	31	2015-09-17	
Effective Date	31		
Expiration Date	31		
Mail Date (same as Effective	31		
Section Theme	abc	Party Favors	
Total Number of Items	123		

- GetInheritedPublicationValue [using the formula **getInheritedPublicationValue('CatalogTheme')**] will pick up the value of the description attribute CatalogTheme:

Publication		Plan	Version	Pages	Publication Planner
Description					
Name	> >	Value			
ID		108199			
Name		Spring Wedding Catalog			
Object Type		Publication			
Revision		0.5 Last edited by USER on Wed			
Path		Publications/Flatplanner Publicat			
Pages per spread		2			
Auto page Document Level		1			
Publication template		Wedding Pub Temp (109967)			
Output engine		InDesign			
DTP Queue					
Catalog Theme	abc	Spring Wedding 2016			
Circulation	123				

- GetInheritedPubGroupValue [using the formula **getInheritedPublicationValue('CatalogGroupTheme')**] will pick up the value of the description attribute CatalogGroupTheme:

Publication Group		Status
Description		
Name	> >	Value
> ID		108198
> Name		Flatplanner Publications
Object Type		Publication group types
> Revision		0.1 Last edited by USER on Wed Sep
> Path		Publications/Flatplanner Publications
> Unit		inches
Catalog Group Theme	abc	Acme Party Supplies - Since 1905
> Circulation		123

Configuring the Publication Template

Place the attributes on the publication template just as you would place attributes on a product template. Attributes must be placed on the page spread(s), not the master spread(s).



Mounted Page Results

After running the autopagination process on your publication, section, or subsection, the publication description attribute values will display on the mounted page in InDesign.



For More Information

See the **Calculated Attribute Functions Overview** section of the System Setup / Super User documentation for general information on calculated attribute functions.

See the **Publication Template** and **Product Template** sections of the STEP'n'design documentation for more information on building and configuring publication and product templates.

For full instructions on the autopagination process, see the **Auto Paginating Pages** section of the AutoPage documentation.

XML File Example

The following is an example of an XML file that can be imported into an existing publication. This XML file contains product IDs of the products that are going to be included in the publication.

```
<?xml version="1.0"?>
<STEP-ProductInformation ContextID="EN All All" WorkspaceID="Main">
  <PublicationGroups>
    <PublicationGroup ID="PRJ Publications" UserTypeID="Publication group root">
      <Name>PRJ Publications</Name>
      <Publication ID="Test" UserTypeID="Default publication type" DTPTYPE="InDesign" MasterDocumentID="5676"
        PagesPerSpread="2" DefaultPageTemplateID="5505">
        <Name>Test</Name>
        <Version ID="Eng" ContextID="EN All All" WorkspaceID="Main" IsMaster="true">
          <Name>Eng</Name>
        </Version>
        <Version ID="FR" ContextID="FR All All" WorkspaceID="Main" IsMaster="false">
          <Name>FR</Name>
        </Version>
        <PublicationSection ID="Section1" UserTypeID="Section">
          <Name>Section 1</Name>
          <PublicationSection ID="SubSection1-1" UserTypeID="Section">
            <Name>Sub section 1.1</Name>
            <ProductLink ID="EXA-5002-1002"/>
            <ProductLink ID="EXA-5002-1003"/>
            <ProductLink ID="EXA-5002-1004"/>
            <ProductLink ID="EXA-5002-1005"/>
            <ProductLink ID="EXA-5002-1006"/>
            <ProductLink ID="EXA-5002-1007"/>
            <ProductLink ID="EXA-5002-1008"/>
            <ProductLink ID="EXA-5002-1009"/>
            <ProductLink ID="EXA-5002-1010"/>
          </PublicationSection>
        </PublicationSection>
      </PublicationGroup>
    </PublicationGroups>
  </STEP-ProductInformation>
```

```

<ProductLink ID="EXA-5002-1011"/>
<ProductLink ID="EXA-5002-1012"/>
<ProductLink ID="EXA-5002-1013"/>
<ProductLink ID="EXA-5002-1014"/>
<ProductLink ID="EXA-5002-1015"/>
<!--ClassificationLink ID="RHMO APC C"/>
<ClassificationLink ID="RHMO APC A"/>
<AssetLink ID="RHMO APA C"/>
<AssetLink ID="RHMO APA A"/ -->
</PublicationSection>
<PublicationSection ID="SubSection1-2" UserTypeID="Section">
<Name>Sub Section 1.2</Name>
<ProductLink ID="AC200-201"/>
<ProductLink ID="AC200-202"/>
<ProductLink ID="AC200-203"/>
<ProductLink ID="AC200-204"/>
<ProductLink ID="AC200-205"/>
<ProductLink ID="AC200-206"/>
<ProductLink ID="AC200-207"/>
</PublicationSection>
<PublicationSection ID="SubSection1-3" UserTypeID="Section">
<Name>Sub Section 1.3</Name>
<ProductLink ID="ABC-2400-2001"/>
<ProductLink ID="ABC-2400-2002"/>
<ProductLink ID="ABC-2400-2003"/>
<ProductLink ID="ABC-2400-2004"/>
<ProductLink ID="ABC-2400-2005"/>
<ProductLink ID="ABC-2400-2006"/>
<ProductLink ID="ABC-2400-2007"/>
<ProductLink ID="ABC-2400-2008"/>

```

```

</PublicationSection>
</PublicationSection>
<PublicationSection ID="Section2" UserTypeID="Section">
<Name>Section 2</Name>
<PublicationSection ID="SubSection2-1" UserTypeID="Section">
<Name>Sub Section 2.1</Name>
<ProductLink ID="AC-12-100252"/>
<ProductLink ID="AC-12-100253"/>
<ProductLink ID="AC-12-100254"/>
<ProductLink ID="AC-12-100255"/>
<ProductLink ID="AC-12-100256"/>
<ProductLink ID="AC-12-100257"/>
<ProductLink ID="AC-12-100258"/>
<ProductLink ID="AC-12-100259"/>
</PublicationSection>
<PublicationSection ID="SubSection2-2" UserTypeID="Section">
<Name>Sub Section 2.2</Name>
<ProductLink ID="AC-12-100260"/>
<ProductLink ID="AC-12-100261"/>
<ProductLink ID="AC-12-100262"/>
<ProductLink ID="AC-12-100263"/>
<ProductLink ID="AC-12-100264"/>
<ProductLink ID="AC-12-100265"/>
<ProductLink ID="AC-12-100266"/>
<ProductLink ID="AC-12-100267"/>
<ProductLink ID="AC-12-100268"/>
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