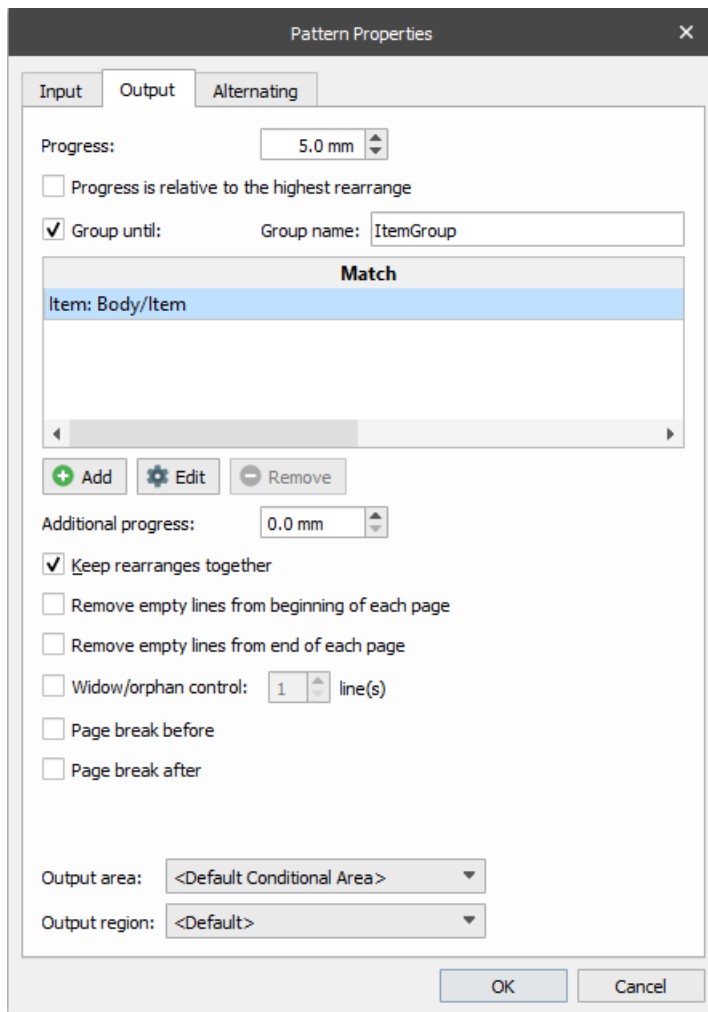


Patterns (Grouping)

Alex Pearce - 2024-03-18 - Comments (0) - Lasetnet Form Editor 9 - Designing Forms

Lasetnet

You can keep pattern instances belonging to the different patterns at the same page. By using the **Group until** setting, you can create a group starting at every instance of the current pattern and ending with any pattern available in the list (similar to the OR expression). This setting is related to the **Keep rearranges together** setting (see below): if you select the **Keep Rearranges together** check box for the starting group instance, Lasetnet does not add implicit page breaks until the ending group instance. Once you have selected the check box, a grid containing patterns and command buttons to manipulate those patterns appear. By default, the current pattern is listed here.



By creating a group of patterns and selecting the **Keep rearranges together** check box, it is possible to avoid unnecessary page breaks.

SparrowWholesales
 123 Purple Road
 Arvada, CO 80005
 United States of America

Sample

Number.....: 123456
 Date.....: 20-11-2014
 Account.....: 1201
 Reference.....: John Doe
 Page.....: 1 / 3

Article	Description	Quantity	Price	Amount
LS-150	Loudspeaker, Cherry, 150W	1	129,00	129,00
LS-2	Cables for Loudspeakers	10	21,00	210,00
LS-75	Loudspeaker, Cherry, 75W	1	79,00	79,00
LS-81	Loudspeaker, Walnut, 80W	1	79,00	79,00
SPK-100	Spike for LS-100	160	21,00	3.360,00
1896-S	ATHENS Desk	10	(5%) 649,40	6.169,30
1900-S	PARIS Guest Chair, black	1	(5%) 125,10	118,84
1906-S	ATHENS Mobile Pedestal	1	(5%) 281,40	267,33
1908-S	LONDON Swivel Chair, blue	1	(5%) 123,30	117,13
1920-S	ANTWERP Conference Table	1	(5%) 420,40	399,38
	The ANTWERP conference package contains one table and four black chairs			
766B C-A	CONTOSO Conference System	5	4.601,73	23.008,65
	The CONTOSO conference package contains one table, twelve black chairs, and one billboard			
766B C-B	CONTOSO Office System	1	1.787,60	1.787,60
766B C-C	CONTOSO Storage System	1	944,60	944,60
	The CONTOSO Storage System contains seven extra modules in space gray			
8904-W	Computer - Basic Package	2	65,30	130,60
	Exclusive price for computer packages only this month			
8908-W	Computer - Highline Package	2	114,20	228,40
	Exclusive price for computer packages only this month			
8924-W	Server - Enterprise Package	5	346,30	1.731,50
8916-W	Computer - TURBO Package	3	187,10	561,30
1001	Touring Bicycle To make the bikes sufficiently robust, comfortable and capable of carrying heavy loads, special features include a long wheelbase (for ride comfort and	2	(15%) 4.000,00	6.800,00

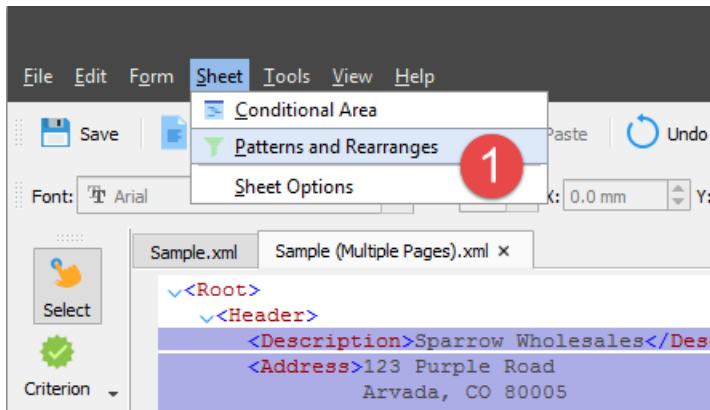
Article	Description	Quantity	Price	Amount
	to avoid pedal-to-luggage conflicts), frame materials that favor flexibility over rigidity (for ride comfort), heavy duty wheels (for load capacity), and multiple mounting points (for luggage racks, fenders, and bottle cages).			
1100	Front Wheel	2	(15%) 1.000,00	1.700,00
1110	Rim	2	(15%) 10,00	17,00
1120	Spokes	2	(20%) 150,00	240,00
1150	Front Hub	2	(15%) 500,00	850,00
1151	Axle Front Wheel	1	(20%) 600,00	480,00
1155	Socket Front	1	(20%) 150,00	120,00
1160	Tire	1	(20%) 60,00	48,00
1170	Tube	10	(20%) 10,00	80,00
1200	Back Wheel	1	(15%) 1.200,00	1.020,00
1250	Back Hub	1	(15%) 1.100,00	935,00
1251	Axle Back Wheel	1	(20%) 600,00	480,00
1255	Socket Back	1	(20%) 10,00	8,00
1300	Chain Assy	2	(15%) 800,00	1.360,00
1310	Chain	2	(15%) 150,00	255,00
1500	Lamp	2	(20%) 150,00	240,00
1700	Brake	2	(15%) 600,00	1.020,00
1710	Hand rear wheel Brake	5	(15%) 120,00	510,00
1720	Hand front wheel Brake	5	(20%) 120,00	480,00
70100	Paint, black	15	2,70	40,50
80023	27GB ATA-66 IDE	5	25,10	125,50
80024	40GB ATA-66 IDE	5	35,60	178,00
80025	9GB Ultra 160/M SCSI	2	18,10	36,20
80026	18GB Ultra 160/M SCSI	1	20,40	20,40
80027	36GB Ultra 160/M SCSI	1	34,90	34,90
80100	Printing Paper	150	(5%) 1,14	162,45
80202	Chip 32 MB	12	5,30	63,60
80203	Graphic Card 9400	10	6,80	68,00
80204	Ultra 160/M SCSI Controller	10	6,80	68,00
80209	20/48x IDE CD ROM	5	17,50	87,50

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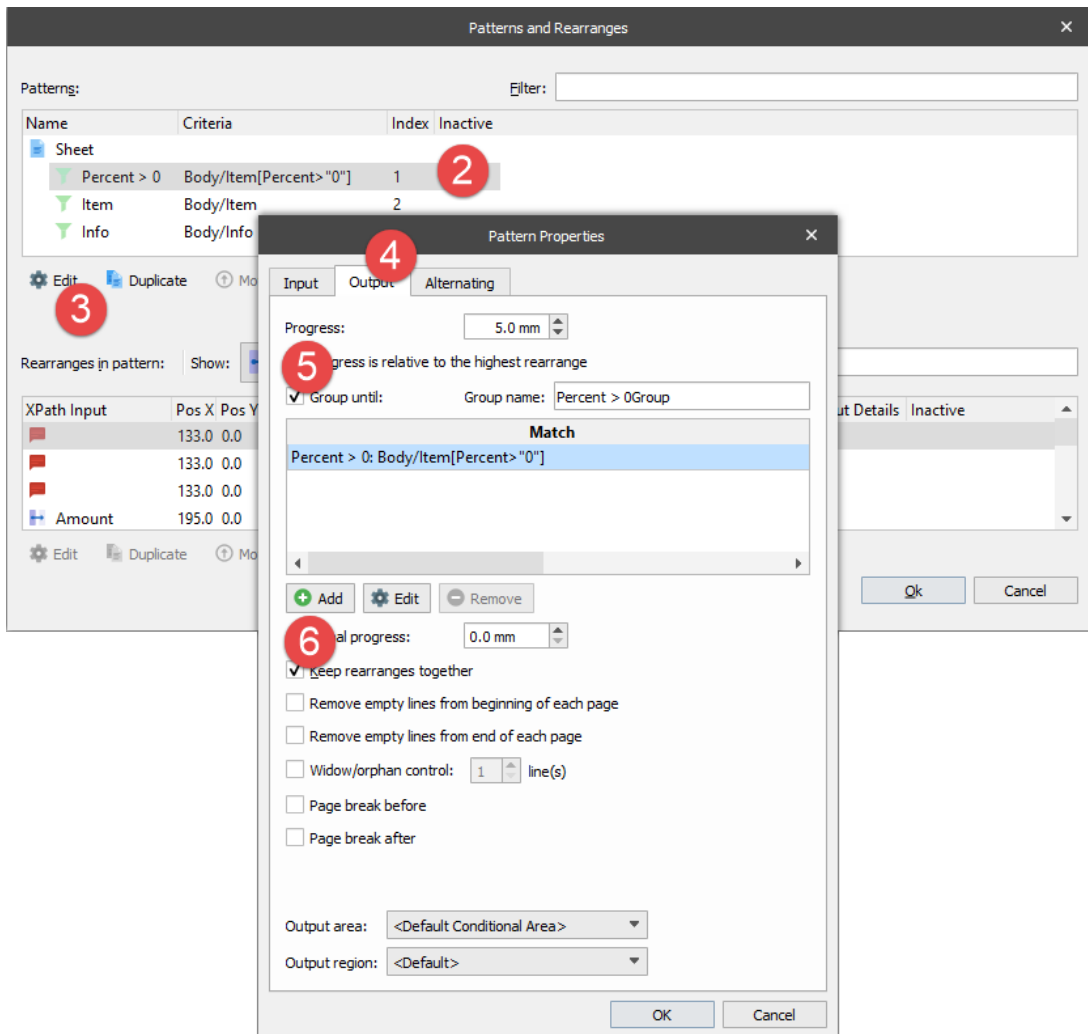
Exercise

Download and import the attached configuration called **17. Patterns (Grouping)** in **Lasernet Developer 9**. Afterwards, go to the **Forms** section and open the **Sample** form.

1. On the Menu bar, click **Sheet**, and then click **Patterns And Rearranges**. The **Pattern and Rearranges** dialog opens.

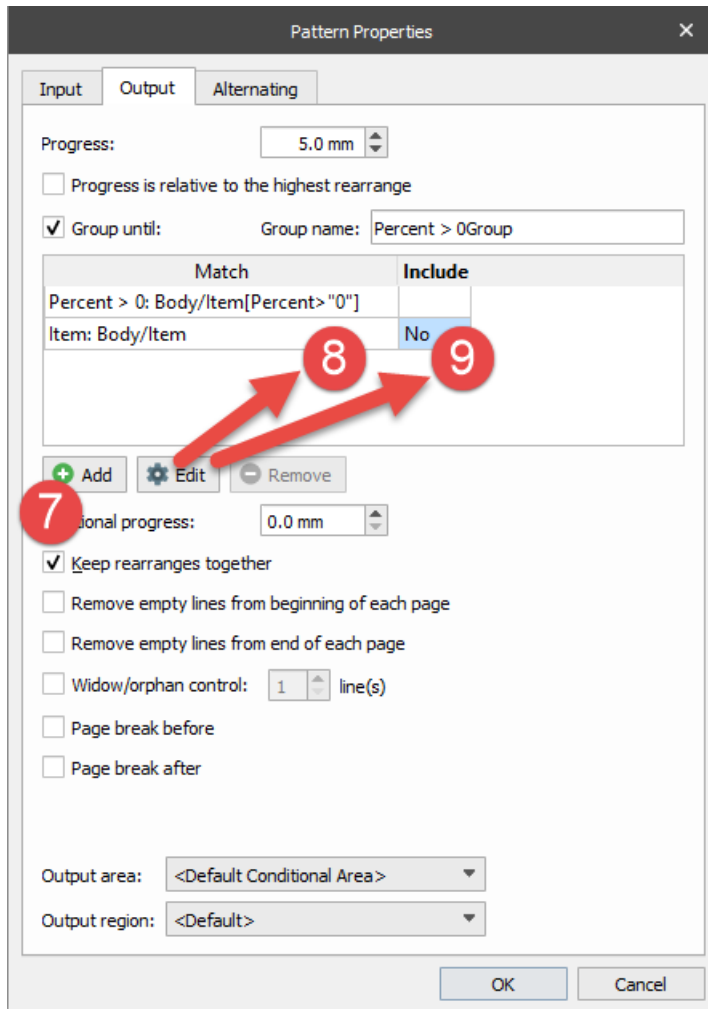


2. Select the **Percent > 0** pattern in the list.
3. Click the **Edit** button to open the **Pattern properties** dialog.
4. Select the **Output** tab.
5. Select the **Group until** check box to create a group.
6. Select the **Keep rearranges together** check box.

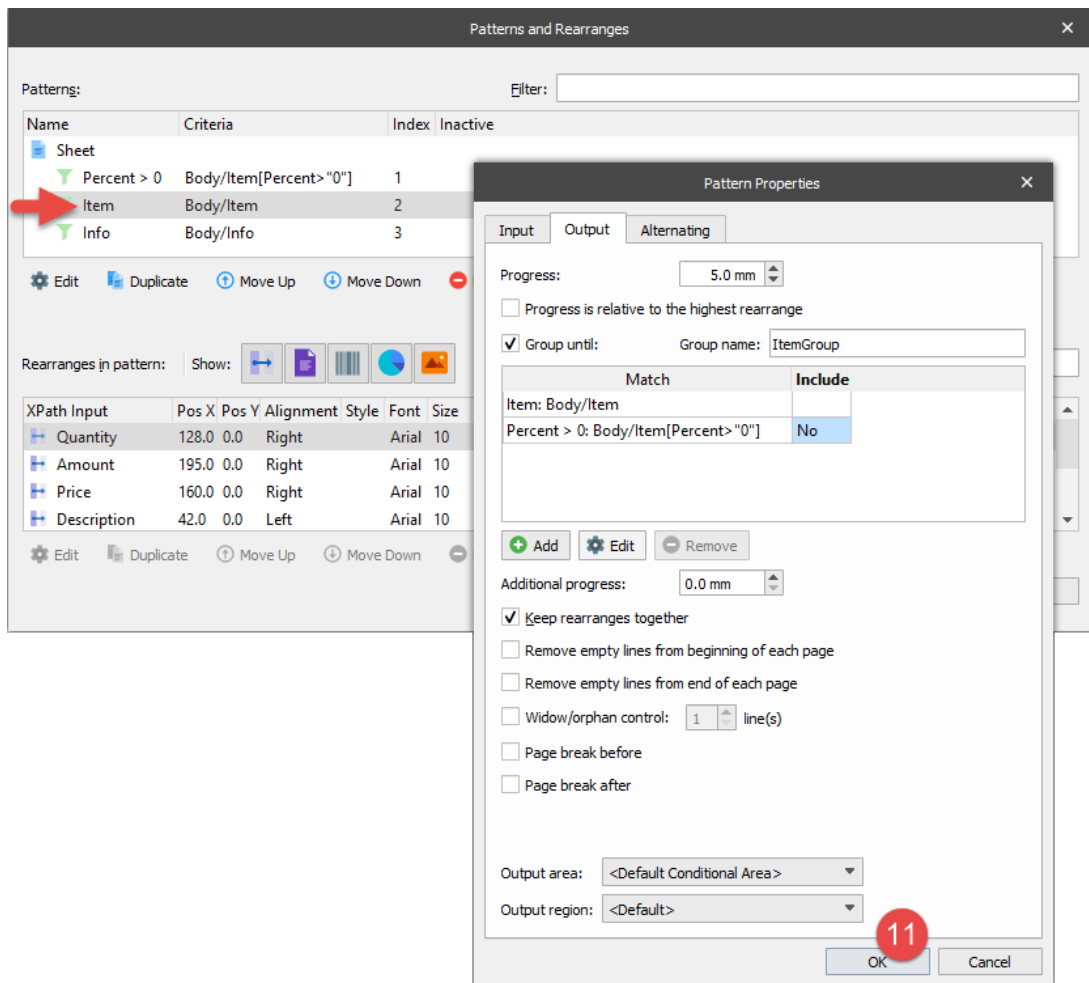


7. On the **Pattern properties** dialog, click the **Add** button to add a new match item.

- Click the **Edit** button, and then select the **Item:Body/Item** pattern from the drop-down list.
- Using the mouse, click the **Include** option for the selected item, and then click the **Edit** button to change value to **No**.
- Click **Ok** to save changes.



- Make the same changes for the **Item** pattern.



The pattern instances belonging to different patterns are now protected from unnecessary page breaks and kept on the same page. Click page tabs and switch between **First Page** and...

Article	Description	Quantity	Price	Amount
LS-150	Loudspeaker, Cherry, 150W	1	129,00	129,00
LS-2	Cables for Loudspeakers	10	21,00	210,00
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8908-W	Computer - Highline Package	2	114,20	228,40
	Exclusive price for computer packages only this month			
8924-W	Server - Enterprise Package	5	346,30	1.731,50
8916-W	Computer - TURBO Package	3	187,10	561,30

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... **Middle Page** to view how the items are located on the pages when the **Group until** and **Keep rearranges together** properties are applied.

Article	Description	Quantity	Price	Amount
1001	Touring Bicycle To make the bikes sufficiently robust, comfortable and capable of carrying heavy loads, special features include a long wheelbase (for ride comfort and to avoid pedal-to-luggage conflicts), frame materials that favor flexibility over rigidity (for ride comfort), heavy duty wheels (for load capacity), and multiple mounting points (for luggage racks, fenders, and bottle cages).	2	(15%) 4.000,00	6.800,00
1100	Front Wheel	2	(15%) 1.000,00	1.700,00
1110	Rim	2	(15%) 10,00	17,00
1120	Spokes	2	(20%) 150,00	240,00
1150	Front Hub	2	(15%) 500,00	850,00
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1160	Tire	1	(20%) 60,00	48,00
1170	Tube	10	(20%) 10,00	80,00
1200	Back Wheel	1	(15%) 1.200,00	1.020,00
1250	Back Hub	1	(15%) 1.100,00	935,00
1251	Axle Back Wheel	1	(20%) 600,00	480,00
1255	Socket Back	1	(20%) 10,00	8,00
1300	Chain Assy	2	(15%) 800,00	1.360,00
1310	Chain	2	(15%) 150,00	255,00
1500	Lamp	2	(20%) 150,00	240,00
1700	Brake	2	(15%) 600,00	1.020,00
1710	Hand rear wheel Brake	5	(15%) 120,00	510,00
1720	Hand front wheel Brake	5	(20%) 120,00	480,00
70100	Paint, black	15	2,70	40,50
80023	27GB ATA-66 IDE	5	25,10	125,50
80024	40GB ATA-66 IDE	5	35,60	178,00
80025	9GB Ultra 160/M SCSI	2	18,10	36,20
80026	18GB Ultra 160/M SCSI	1	20,40	20,40
80027	36GB Ultra 160/M SCSI	1	34,90	34,90

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Attachments

- [17.-Patterns-Grouping.Inconfigx \(594.90 KB\)](#)