

Alternate Rows (Odd / Even)

Alex Pearce - 2024-03-18 - Comment (1) - Lasetnet Form Editor 9 - Designing Forms

Lasernet

In this exercise, you can learn how to apply the **Alternating** tool to detect an available pattern(s) so you can design a table in the output by highlighting odd and even rows (which are actually instance(s) of a pattern) by setting a background color and borders.

The **Alternating** option allows you to detect a pattern in one of the following ways:

- **Odd/Even** - to alternate all available instances belonging to a pattern as odd and even.
- **Odd/Even but not in the Same Pattern** - to alternate the current instance as odd and even but only if the previous one belongs to another pattern.
- **Same As Previous Pattern** - to keep instances without alternating.

Exercise

Download and import the attached configuration called **33. Alternate Rows (Odd and Even)** in **Lasernet Developer 9**. Afterward, go to the **Forms** section and open the **Sample** form.

1. In the input, select the **Body_CustInvoiceTrans** pattern, right-click the item, and then select **Properties** in the context menu that appears, or just double-click the item. As a result, the **Pattern Properties** dialog opens.

Sample - Lasernet Form Editor 9

File Edit Form Sheet Tools View Help

Save Preview Cut Copy Paste Undo Redo Styles Format Painter Guides Output zoom: 65%

Font: Arial Size: 10 X: 0.0 mm Y: 0.0 mm B I U

Sales Invoice (Mult).xml x

```

<SalesAdministrator>7218</SalesAdministrator>
<Label_PaymentCondition>Payment</Label_PaymentCondition>
<PaymentCondition>Net 60 days</PaymentCondition>
<Label_InvoiceAccount>Invoice account</Label_InvoiceAccount>
<InvoiceAccount>1281</InvoiceAccount>
</Header>
<Body_Header>
<PromptItem>Item number</PromptItemId>
<PromptName>Description</PromptName>
<PromptQty>Quantity</PromptQty>
<PromptSalesUnit>Unit</PromptSalesUnitTxt>
<PromptSalesPrice>Unit price</PromptSalesPrice>
<PromptDiscPercent>Disc. pct.</PromptDiscPercent>
<PromptDiscAmount>Discount</PromptDiscAmount>
<PromptLineAmount>Amount</PromptLineAmount>
</Body_Header>
<Body_CustInvoiceTrans>
<ItemId>LS-158</ItemId>
<Name>Loudspeaker, Cherry, 150W</Name>
<Qty>1</Qty>
<SalesUnit>Box</SalesUnitTxt>
<SalesPrice>129.08</SalesPrice>
<DiscPercent />
<LineAmount>129.08</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 5</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>LS-2</ItemId>
<Name>Cables for Loudspeakers</Name>
<Qty>10</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>21.00</SalesPrice>
<DiscPercent />
<LineAmount>210.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 10 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>LS-75</ItemId>
<Name>Loudspeaker, Walnut, 80W</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>79.00</SalesPrice>
<DiscPercent />
<LineAmount>79.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 15</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>SPK-100</ItemId>
<Name>Spike for LS-100</Name>
<Qty>160</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>21.00</SalesPrice>
<DiscPercent />
<LineAmount>3360.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 160 Warehouse: 250</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>1896-S</ItemId>
<Name>ATHENS Desk</Name>
<Qty>10</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>64.90</SalesPrice>
<DiscPercent />
<LineAmount>649.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 10 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>1900-S</ItemId>
<Name>PARIS Suisat Chair, black</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>125.10</SalesPrice>
<DiscPercent />
<LineAmount>125.10</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 2</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>1906-S</ItemId>
<Name>ATHENS Mobile Pedestal</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>281.40</SalesPrice>
<DiscPercent />
<LineAmount>281.40</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 4</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>1908-S</ItemId>
<Name>LONDON Sivel Chair, blue</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>123.30</SalesPrice>
<DiscPercent />
<LineAmount>123.30</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 6</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>1920-S</ItemId>
<Name>ANTWERP Conference Table</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>420.40</SalesPrice>
<DiscPercent />
<LineAmount>420.40</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 1</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>7686-CA</ItemId>
<Name>CONTOSO Conference Syete</Name>
<Qty>5</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>4601.73</SalesPrice>
<DiscPercent />
<LineAmount>23008.65</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 5 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>7686-CB</ItemId>
<Name>CONTOSO O fice System</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>1787.80</SalesPrice>
<DiscPercent />
<LineAmount>1787.80</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>7686-CC</ItemId>
<Name>CONTOSO Storage System</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>944.80</SalesPrice>
<DiscPercent />
<LineAmount>944.80</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>8904-W</ItemId>
<Name>Computer - Basic Package</Name>
<Qty>2</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>65.30</SalesPrice>
<DiscPercent />
<LineAmount>130.60</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 2 Warehouse: 35</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>8908-W</ItemId>
<Name>Computer - High Line Package</Name>
<Qty>2</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>114.20</SalesPrice>
<DiscPercent />
<LineAmount>228.40</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 2 Warehouse: 35</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>Transport</ItemId>
<Name>Transport</Name>
<Qty>1</Qty>
<SalesUnit>Piece</SalesUnitTxt>
<SalesPrice>130.00</SalesPrice>
<DiscPercent />
<LineAmount>130.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 15</InventDimPrint>
</Body_InventReportDimHistory>

```

Formpipe Lase.net

Sparrow Wholesales

Jose Lugo
123 Purple Road
Aurora, CO 80005
United States of America

Invoice

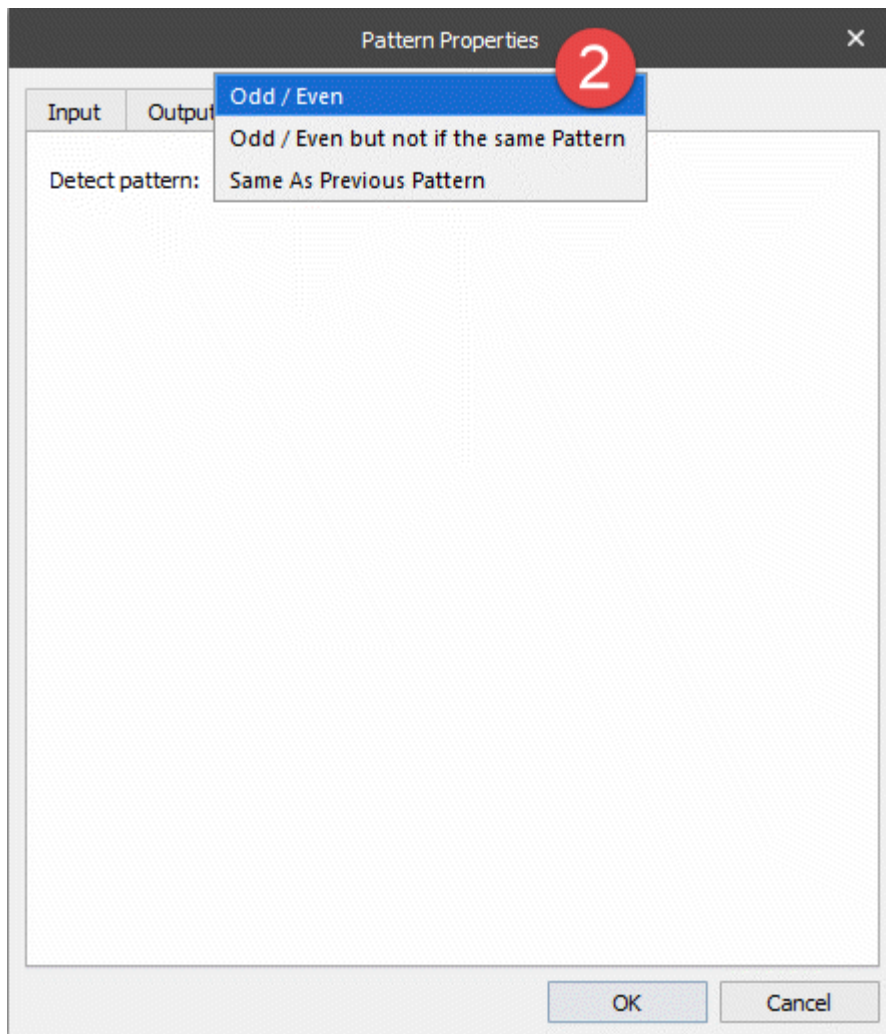
Number 100147
Date 19-01-2018
Sales order SO-100195
Requisition
Your ref.
Our ref. 7210
Payment Net 60 days
Invoice account 6201
Page [Page X of Y: 1 / 12]

Item number	Description	Quantity	Unit	Unit price	Amount
LS-150	Loudspeaker, Cherry, 150W Quantity: 1 Warehouse: 5	1	Piece	129.00	129.00
LS-2	Cables for Loudspeakers Quantity: 10 Warehouse: 25	10	Box	21.00	210.00
LS-75	Loudspeaker, Walnut, 80W Quantity: 1 Warehouse: 15	1	Piece	79.00	79.00
LS-81	Loudspeaker, Walnut, 80W Quantity: 1 Warehouse: 22	1	Piece	79.00	79.00
SPK-100	Spike for LS-100 Quantity: 160 Warehouse: 250	160	Piece	21.00	3,360.00
1896-S	ATHENS Desk Quantity: 10 Warehouse: 25	10	Piece	64.90	649.00
1900-S	PARIS Suisat Chair, black Quantity: 1 Warehouse: 2	1	Piece	125.10	125.10
1906-S	ATHENS Mobile Pedestal Quantity: 1 Warehouse: 4	1	Piece	281.40	281.40
1908-S	LONDON Sivel Chair, blue Quantity: 1 Warehouse: 6	1	Piece	123.30	123.30
1920-S	ANTWERP Conference Table Quantity: 1 Warehouse: 1	1	Piece	420.40	420.40
7686-CA	CONTOSO Conference Syete Quantity: 5 Warehouse: 25	5	Piece	4601.73	23,008.65
7686-CB	CONTOSO O fice System Quantity: 1 Warehouse: 25	1	Piece	1787.80	1,787.80
7686-CC	CONTOSO Storage System Quantity: 1 Warehouse: 25	1	Piece	944.80	944.80
8904-W	Computer - Basic Package Quantity: 2 Warehouse: 35	2	Piece	65.30	130.60
8908-W	Computer - High Line Package Quantity: 2 Warehouse: 35	2	Piece	114.20	228.40
Transport	Transport	1	Piece	130.00	130.00

First Page Middle Page Last Page Single Page

Sales Invoice (Mult).xml Ln 1, Col 1 X 8.8 mm, Y 83.8 mm

2. Switch to the **Alternating** tab. From the **Detect pattern** drop-down box, select **Odd/Even**.



Apply the same setting for the **Body_InventReportDimHistory** and **Body_CustInvoiceDescription** patterns.

3. In the output, open the **Table Properties** dialog on the **Body** tab.

Sample - Lasernet Form Editor 9

File Edit Form Sheet Tools View Help

Save Preview Cut Copy Paste Undo Redo Styles Format Painter Guides Output zoom: 65%

Font: Arial Size: 10 X: 0.0 mm Y: 0.0 mm B I U

Sales Invoice (Mult).xml x

```

<SalesAdministrator>7218</SalesAdministrator>
<Label_PaymentCondition>Payment</Label_PaymentCondition>
<PaymentCondition>Net 60 days</PaymentCondition>
<Label_InvoiceAccount>Invoice account</Label_InvoiceAccount>
<InvoiceAccount>1201</InvoiceAccount>
</Header>
<Body_Header>
<PromptItem>Item number</PromptItemId>
<PromptName>Description</PromptName>
<PromptQty>Quantity</PromptQty>
<PromptSalesUnit>Unit</PromptSalesUnitTxt>
<PromptSalesPrice>Unit price</PromptSalesPrice>
<PromptDiscPercent>Disc. pct.</PromptDiscPercent>
<PromptDiscAmount>Discount</PromptDiscAmount>
<PromptLineAmount>Amount</PromptLineAmount>
</Body_Header>
<Body_CustInvoiceTrans>
<ItemId>LS-150</ItemId>
<Name>Loudspeaker, Cherry, 150</Name>
<Qty>1</Qty>
<SalesUnit>Box</SalesUnitTxt>
<SalesPrice>129.08</SalesPrice>
<DiscPercent />
<LineAmount>129.08</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 5</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>LS-2</ItemId>
<Name>Cables for Loudspeakers</Name>
<Qty>10</Qty>
<SalesUnit>Box</SalesUnitTxt>
<SalesPrice>21.00</SalesPrice>
<DiscPercent />
<LineAmount>210.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 10 Warehouse: 25</InventDimPrint>
</Body_InventReportDimHistory>
<Body_CustInvoiceTrans>
<ItemId>LS-75</ItemId>
<Name>Loudspeaker, Cherry, 75</Name>
<Qty>1</Qty>
<SalesUnit>Box</SalesUnitTxt>
<SalesPrice>79.00</SalesPrice>
<DiscPercent />
<LineAmount>79.00</LineAmount>
</Body_CustInvoiceTrans>
<Body_InventReportDimHistory>
<InventDimPrint>Quantity: 1 Warehouse: 15</InventDimPrint>
</Body_InventReportDimHistory>

```

Formpipe Lase.net

Sparrow Wholesales
Jose Lugo
123 Purple Road
Arioso, CO 80005
United States of America

Invoice
Number 100147
Date 19-01-2018
Sales order SO-100195
Requisition
Your ref. 7210
Payment Net 60 days
Invoice account 1201
Page [Page X of Y: 1 / 12]

Item number	Description	Unit price	Amount
LS-150	Loudspeaker, Ch... Quantity: 1 Wareh...	129.00	129.00
LS-2	Cables for Louds... Quantity: 10 Ware...	21.00	210.00
LS-75	Loudspeaker, Ch... Quantity: 1 Wareh...	79.00	79.00
LS-81	Loudspeaker, Wa... Quantity: 1 Wareh...	79.00	79.00
SPK-100	Spike for LS-100... Quantity: 100 Wa...	21.00	3,360.00
1896-S	ATHENS Desk Quantity: 1 Wareh...	649.40	6,169.30
1900-S	PARIS Seat at C... Quantity: 1 Wareh...	125.10	118.84
1906-S	ATHENS Mobile P... Quantity: 1 Wareh...	281.40	267.33
1908-S	LONDON Savelle... Quantity: 1 Wareh...	123.30	117.13
1920-S	ANTWERP Confe... Quantity: 1 Wareh...	420.40	399.38
7686-CA	CONTOSO Confé... Quantity: 5 Wareh...	4601.73	23,008.65
7686-CB	CONTOSO O ffic... Quantity: 1 Wareh... and one whiteboa...	1787.80	1,787.80
7686-CC	CONTOSO Stora... Quantity: 1 Wareh...	944.80	944.80
8904-W	Computer - Bas... Quantity: 2 Wareh...	65.30	130.60
8908-W	Computer - High... Quantity: 2 Wareh... Transport	114.20	228.40

Table Properties

3

First Page Middle Page Last Page Single Page

Sales Invoice (Mult).xml Ln 1, Col 1 X 72.6 mm, Y 110.0 mm

4. To apply the *Alternating* option, use controls of the **Fill** group box. Start by selecting the **First** radio button in the **Current** page group box, and then select the grey color in the **Even color** drop-down box as well as select **No color** in the **Bottom margin** drop-down box. Leave the rest settings of the **Fill** group box unchanged.

Table Properties

General Header Body Footer

Top margin: 2.0 mm Bottom margin: 7.0 mm Vertical lines to: header footer

Column 1 of 1: Width: 182.0 mm

4

Fill

Odd color: No Color Row border color: No Color Top margin: Same Margin border Additional progress: Same

Even color: No Color Width: 0.75 pt Bottom margin: No color Margin border

Left border: Border color: [Color] Width: 0.75 pt

Top border: Border color: No Color Width: 0.75 pt

Bottom border: Border color: [Color] Width: 0.75 pt

Right border: Border color: [Color] Width: 0.75 pt

Previous Column Next Column Apply to all columns

Current page

First Middle Last Single Apply to all pages

Ok Cancel Preview

Apply the same **Fill** settings for the middle page, and then for the last and single ones by selecting the required radio button in the **Current page** group box.

Note: You are proposed to specify the **Fill** settings for each page separately as the rest settings of the table body differ for each page. Otherwise, you can specify the **Fill** settings for the first page, for example, and then click the **Apply to all pages** button to apply settings to all pages, but then you need to change the **Top margin** value for the middle and last pages, as well as the **Bottom border** value for the last and single pages, to restore their initial values.

Once you are done, click the **OK** button.

Note: If you want to preview a table in the output with settings you have specified but not applying them, click the **Preview** button.

Below is a picture illustrating the table body with the applied settings:



Attachments

- [33.-Alternate-Rows-Odd-and-Even.Inconfigx \(1.92 MB\)](#)

Comment (1)

Comment (1)

Robert Jnr Obiri

9 months ago

Configuration download link is broken