

## Customizable Invoices

Dancik is introducing new functionality that allows for customizable invoices.

This functionality does not pertain to the actual printing of your invoices. It relates to the distribution of PDF invoices via Output Distribution System (ODS).

If you would like to talk to Dancik about customizing your invoices, contact our Client Support Services at 919-379-3740. or at [client\\_services@dancik.com](mailto:client_services@dancik.com).

Invoice formats are assigned by:

- Accessing menu option ODS 10 - Settings and Layout Overrides.
- Enter a “2” to change the format for Invoices.

5/09/12	Output Distribution		ODSSETOVRR
8:23:51	Settings and Overrides File Maintenance		DD
			Uses
<u>Opt</u>	<u>Id</u>	<u>Description</u>	<u>Stylesheet</u>
-	ARSTATCL	Print Monthly A/R Statements	
2	* INVOICES	Printing of Invoices	N
-	OPENP1CCL	Open Order Reports for Customers	

Figure 3-21: Changing the Invoice Format

- Enter a “Y” to use the default Dancik Invoice stylesheet format.


5/09/12	Output Distribution		OD39991R
8:36:22	Additional Options		DD
Program .....: Printing of Invoices			
Use stylesheets to construct PDF .....: Y (Y/N)			

Figure 3-22: Activating Invoice Stylesheets

Three invoices examples are shown on the following pages.

- The first example is the Dancik default invoice generated *without* using stylesheets.
- The second example is the default Dancik stylesheet based invoice format.
- The last example is of a customized invoice.

Default Invoice Format (Stylesheet is NOT used)

		<b>INVOICE</b>		THIS IS AN INVOICE				
				INVOICE#		PAGE#		
				412187		1		

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
12/28/11	12/28/11	COMMON CARR.	WAREHOUSE	200789	DEPOSIT \$	2% 10TH PROX NT30	1037520	421320
	SCAC CANY	AA	ATLANTA SW DAILY			C.O.D.	LP/NYC/JOE	XX

**BILL TO:** CLAYTON FLOORING  
123 MAIN STREET  
CLAYTON, NC 27519

**SHIP TO:** CLAYTON FLOORING  
123 MAIN STREET  
CLAYTON, NC 27519

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QTY. ORD.	QTY. SHIPPED	QTY. BACKED	U/M	PRICE	AMOUNT
								EU	EU
			***** C.O.D. / Company Check Or Cash Accepted *****						
0020	SAH10901	080200	TASTIERA BONE 6X8 test woot item	22.22	22.22		SF	5.192	115.37
0030	HAR11111	HD752	URETHANE PARQUET N&B PLAIN STANDARD 12 X 12 X 5/16 test woot item	50.00	50.00		SF	4.760	238.00
9951			CARPET FREIGHT BY SY						12.80
9966			Delivery Charge:						18.00
9971			COMPANY DELIVERY SURCHARGE						9.00

Branch NYC  
Please deduct 9.28 if payment is made by 01/10/12

EU TOTAL PRICE	393.17
5% STATE TAX	17.67
TOTAL AMOUNT DUE	410.84

THANK YOU FOR YOUR BUSINESS!

ALL SALES SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
200789	412187	12/28/11

CLAYTON FLOORING

**REMIT TO:**

DANCIK INTERNATIONAL,LTD.  
2000 CENTREGREEN WAY  
SUITE 250  
CARY, NC 27513-0000

EU TOTAL PRICE	393.17
5% STATE TAX	17.67
TOTAL AMOUNT DUE	410.84

Please deduct 9.28 if payment is made by 01/10/12

# 4

## Default Invoice Format (using Stylesheet)

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
12/28/11	12/28/11	COMMON CARR.	WAREHOUSE	200789	DEPOSIT \$	2% 10TH PROX NT30	1037520	421320
	SCAC CANY	AA (ATLANTA SW DAILY)				C.O.D.	LP / NYC / JOE	XX

INVOICE#		PAGE#	
412187		1	

BILL TO:				SHIP TO:			
CLAYTON FLOORING 123 MAIN STREET CLAYTON NC 27519				CLAYTON FLOORING 123 MAIN STREET CLAYTON NC 27519			

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY B/O	UM	PRICE	AMOUNT
***** C.O.D. / Company Check Or Cash Accepted *****									
0020	SAI10901	080200	TASTIERA BONE 6X8	22.22	22.22		SF	5.192	115.37
			test woot item						
0030	HAR11111	HD752	URETHANE PARQUET N&B PLAIN	50.00	50.00		SF	4.760	238.00
			STANDARD 12 X 12 X 5/16						
			test woot item						
9951			CARPET FREIGHT BY SY						12.80
9966			Delivery Charge:						18.00
9971			COMPANY DELIVERY SURCHARGE						9.00

Branch NYC	EU TOTAL PRICE	393.17
Please deduct 9.28 if payment is made by 01/10/12	5% STATE TAX	17.67
	<b>TOTAL AMOUNT DUE</b>	<b>410.84</b>

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D

THANK YOU FOR YOUR BUSINESS!

ALL SALES SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
200789	412187	12/28/11

REMIT TO: DANCİK INTERNATIONAL,LTD. 2000 CENTREGREEN WAY SUITE 250 CARY NC 27513	EU TOTAL PRICE	393.17
	5% STATE TAX	17.67
	<b>TOTAL AMOUNT DUE</b>	<b>410.84</b>

Please deduct 9.28 if payment is made by 01/10/12

Customized Invoice



DANCIK INTERNATIONAL

THIS IS AN INVOICE

INVOICE#	PAGE#
412187	1

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
12/28/11	12/28/11	COMMON CARR.	WAREHOUSE	200789	DEPOSIT \$	2% 10TH PROX NT30	1037520	421320
	SCAC CANY	AA (ATLANTA SW DAILY)				C.O.D.	LP / NYC / JOE	XX

**BILL TO:**  
 CLAYTON FLOORING  
 123 MAIN STREET  
 CLAYTON NC 27519

**SHIP TO:**  
 CLAYTON FLOORING  
 123 MAIN STREET  
 CLAYTON NC 27519

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY B/O	UM	PRICE	AMOUNT
***** C.O.D. / Company Check Or Cash Accepted *****									
0020	SAI10901	080200	TASTIERA BONE 6X8	22.22	22.22		SF	5.192	115.37
			test woot item						
0030	HAR11111	HD752	URETHANE PARQUET N&B PLAIN	50.00	50.00		SF	4.760	238.00
			STANDARD 12 X 12 X 5/16						
			test woot item						
9951			CARPET FREIGHT BY SY						12.80
9966			Delivery Charge:						18.00
9971			COMPANY DELIVERY SURCHARGE						9.00

Branch NYC  
 Please deduct 9.28 if payment is made by 01/10/12

EU TOTAL PRICE 393.17  
 5% STATE TAX 17.67  
 TOTAL AMOUNT DUE 410.84

THANK YOU FOR YOUR BUSINESS!

D  
 D

ALL SALES SUBJECT TO TERMS AND CONDITIONS ON REVERSE SIDE

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
200789	412187	12/28/11

REMIT TO:  
 DANCIK INTERNATIONAL,LTD.  
 2000 CENTREGREEN WAY  
 SUITE 250  
 CARY NC 27513

EU TOTAL PRICE 393.17  
 5% STATE TAX 17.67  
 TOTAL AMOUNT DUE 410.84

Please deduct 9.28 if payment is made by 01/10/12

# Customizing Invoices



## Using Stylesheets to customize Invoices

### Old vs New

- **OLD WAY**

- Very limited in flexibility.
- All boxes, labels, headings and values are all static in position.
- Only allowed for heading overrides, alignments and a global font size override.
- Follows the 'printed' versions page and detail lines control



## Using Stylesheets to customize Invoices

### Old vs New

- **NEW WAY**

- Very flexible and dynamic.
- Utilizes combination of data (XML) and stylesheets (XSL-FO).
- Everything can be adjusted.
- Produces the Invoices free from limitations of the 'printed' version.



THIS IS AN INVOICE

INVOICE#	PAGE#
404113	1

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
11/30/99	11/30/99	OUR TRUCK	WAREHOUSE	202557	037188	NET IMMEDIATE	0037188	408427
	SCAC 1525	AF ATLANTA NW DAILY					LP/RAL/HSE	

**BILL TO:** ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY, NC 27777-5269

**SHIP TO:** ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY, NC 27777

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QTY. ORD.	QTY. SHIPPED	QTY. BACKED	U/M	PRICE	AMOUNT
0001			MISC LINE 1 TEST						
0003			****MISC LINE 3 TEST****						
0004			****MISC LINE 4 TEST****						
0008			MISC LINE 8 TEST						
0009			****MISC LINE 9 TEST****						
0010	ARM78070081	54321	IMAGIN PLANKS	1.00	1.00		CT	50.880	50.88
			U						
0011			****MISC LINE 11 TEST****						
0013			****MISC LINE 13 TEST****						
0014			****MISC LINE 14 TEST****						
0018			MISC LINE 18 TEST						
0019			MISC LINE 19 TEST						
0020	ARM5004B	TEST	GRID 8X8 WHITE	110.13	110.13		SF	1.610	177.31
			U						
0021			MISC LINE 21 TEST						
0022			MISC LINE 22 TEST						
0023			MISC LINE 23 TEST						
0024			MISC LINE 24 TEST						
0025			MISC LINE 25 TEST						
0027			MISC LINE 27 TEST						

ACCT#	INVOICE#	DATE
202557	404113	11/30/99

CONTINUED ON NEXT PAGE...



THIS IS AN INVOICE

INVOICE#	PAGE#
404113	2

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
11/30/99	11/30/99	OUR TRUCK	WAREHOUSE	202557	037188	NET IMMEDIATE	0037188	408427
	SCAC 1525	AF ATLANTA NW DAILY					LP/RAL/HSE	

**BILL TO:** ANGELO'S FLOOR COVERINGS  
123 MAIN STREET  
CARY, NC 27777-5269

**SHIP TO:** ANGELO'S FLOOR COVERINGS  
123 MAIN STREET  
CARY, NC

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QTY. ORD.	QTY. SHIPPED	QTY. BACKED	U/M	PRICE	AMOUNT
0029			...continued from previous page. MISC LINE 29 TEST						
0030	ARM60107201	986845457	TRADITIONS 6' 18"M	15.00	15.00		SY	15.300	229.50
			U						
0031			22 FT 6 Inches ****MISC LINE 31 TEST****				C		
0037			MISC LINE 37 TEST						
9966			Delivery Charge:						8.50

Branch RAL

TOTAL PRICE \$	466.19
TOTAL AMOUNT DUE \$	466.19
Amount Paid \$	466.19
Balance Due \$	0.00

PAST DUE invoices are subject to a 1.5% per month service charge  
FAILURE to pay charges may result in your account being placed on  
COD. See Account Agreement for additional TERMS & CONDITIONS.

Please return this portion with your remittance.

ANGELO'S FLOOR COVERINGS

ACCT#	INVOICE#	DATE
202557	404113	11/30/99

REMIT TO:

DANCIK INTERNATIONAL, LTD.  
2000 CENTRE GREEN WAY  
SUITE 250 - COMPANY FILE  
CARY, NC 27513-0000

RAL

TOTAL PRICE \$	466.19
TOTAL AMOUNT DUE \$	466.19
Amount Paid \$	466.19
Balance Due \$	0.00

Tax ID#: TESTS12345

INVOICE#	PAGE#
404113	1

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
11/30/99	11/30/99	OUR TRUCK	WAREHOUSE	202557	037188	NET IMMEDIATE	0037188	408427
	SCAC 1525	AF (ATLANTA NW DAILY)					LP / RAL / HSE	

**BILL TO:**  
 ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY NC 27777-5269

**SHIP TO:**  
 ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY NC 27777

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY B/O	UM	PRICE	AMOUNT
0001			MISC LINE 1 TEST						
0003			****MISC LINE 3 TEST****						
0004			****MISC LINE 4 TEST****						
0008			MISC LINE 8 TEST						
0009			****MISC LINE 9 TEST****						
0010	ARM78070081	54321	IMAGIN PLANKS	1.00	1.00		CT	50.880	50.88
			U						
0011			****MISC LINE 11 TEST****						
0013			****MISC LINE 13 TEST****						
0014			****MISC LINE 14 TEST****						
0018			MISC LINE 18 TEST						
0019			MISC LINE 19 TEST						
0020	ARM5004B	TEST	GRID 8X8 WHITE	110.13	110.13		SF	1.610	177.31
			U						
0021			MISC LINE 21 TEST						
0022			MISC LINE 22 TEST						
0023			MISC LINE 23 TEST						
0024			MISC LINE 24 TEST						
0025			MISC LINE 25 TEST						
0027			MISC LINE 27 TEST						
0029			MISC LINE 29 TEST						
0030	ARM60107201	986845457	TRADITIONS 6' 18"M	15.00	15.00		SY	15.300	229.50
			U						
			22 FT 6 Inches						
0031			****MISC LINE 31 TEST****						
0037			MISC LINE 37 TEST						
9966			Delivery Charge:						8.50

Branch RAL 21 TOTAL PRICE \$ 466.19

TOTAL AMOUNT DUE \$ 466.19  
 Amount Paid \$ 466.19  
 Balance Due \$ 0.00

PAST DUE invoices are subject to a 1.5% per month service charge  
 FAILURE to pay charges may result in your account being placed on  
 COD. See Account Agreement for additional TERMS & CONDITIONS.

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
202557	404113	11/30/99

**REMIT TO:**  
 DANCİK INTERNATIONAL, LTD.  
 2000 CENTRE GREEN WAY  
 SUITE 250 - COMPANY FILE  
 CARY NC 27513

ANGELO'S FLOOR COVERINGS  
 RAL

TOTAL PRICE \$ 466.19  
 TOTAL AMOUNT DUE \$ 466.19  
 Amount Paid \$ 466.19  
 Balance Due \$ 0.00

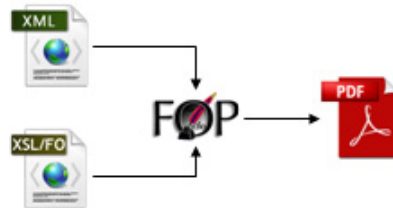




## Using Stylesheets to customize Invoices

### How it works

- Submit to Print Invoices using ODS.
  - Assuming you have properly setup INVOICES to use stylesheets. (See ODS 10)
- Build XML (data) file of Invoice Information
- Combines the XML file with the pre-built XSL-FO files to produce your PDF file.





## Using Stylesheets to customize Invoices

### How it works



- Workfiles are populated to generate XML (data) files



- XSL-FO can be edited using WYSIWYG tools or simple notepad editors.

- XSL stands for Extensible Stylesheet Language
- FO stands for Formatting Objects.



- Apache FOP is used to combine the XML and XSL together to make the PDF.

- FOP stands for Formatted Objects Processor



## Using Stylesheets to customize Invoices

### XML Layout


- A single XML file is built during the construction process.
  - It will contain all information that would/could be produced during the Invoice print process.
- The main parent to the XML file is <invoices>.
  - The next child elements will be <invoice>.
- File can contain information for multiple invoices, pending on how the Invoice print request was run.
- A invoice element will contain two child elements.
  - Header
  - Details

## Invoice XML Detail Element definitions

line	Line#
item	Item#
item_description	First Item Description
serial	Serial#
uom	Unit of Measure
qty_ordered	Quantity Ordered
qty_shipped	Quantity Shipped, if any
qty_backordered	Quantity Backordered, if any
price	Unit Price
extended_price	Extended Price
print_for_msg	Flag to indicate to print message(s)
message	Message
message_price	Price, on message line
print_for_det2	Flag to indicate to print second detail line.
det2_cell1	If there is a customer Item#, load it.
det2_cell2	Internal Shade, (conditional)
det2_cell3	2nd Item Description
det2_cell4	Quantity ordered, in the customer's UOM
det2_cell5	Conditional Field
det2_cell6	Conditional Field
det2_cell7	The customer's UOM
det2_cell8	Conditional Field
det2_cell9	Conditional Field
print_for_detu	Flag to indicate to print customer u/m conversion line.
detu_cell1	Quantity ordered, in the customer's UOM
detu_cell2	Quantity shipped, in the customer's UOM
detu_cell3	Quantity backordered, in the customer's UOM
detu_cell4	The customer's UOM
detu_cell5	Unit price in, the customer's UOM
print_for_det3	Flag to indicate to print third detail line.
det3_cell1	Credit Message : (Credit/(No) Return To Stock)
print_for_det4	Flag to indicate to print fourth detail line, containing Fund Descriptions.
det4_cell1	Promo Program# - (Pgm# XXXXXX)
det4_cell2	Marketing Program # - (Fund XXXXXX)
det4_cell3	Overridden fund title
print_for_slmn	Flag to indicate to print salesman line.
slmn_cell1	Salesperson's name
print_for_feet	Flag to indicate to print feet and inches conversion line.
feet_cell1	Internal Shade (conditional)
feet_cell2	Feet / Inch conversion
feet_cell3	Price Restriction (C/R)

## Invoice XML Detail Element definitions


print_for_pc	Flag to indicate to print slab size information
pc_cell1	(Pieces) PC (Length) x (Width)
print_for_um	Flag to indicate to print unit of measure conversions.
um_cell1	First Factor conversion - ( (factor) FromUOM / TOUOM )
um_cell2	Second Factor conversion - ( (factor) FromUOM / TOUOM )
print_for_poin	Flag to indicate to print promotional points.
poin_cell1	Extended # of points message - ( * (points) Promotional Points *)
print_for_err	Flag to indicate to print any errors that may have occurred for line item.
err_cell1	<< INVALID ITEM >>
err_cell1	<< COUNT NOT CONVERT QTY TO REQUESTED U/M >>
print_for_bo	Flag to indicate to print backorder message.
bo_cell1	Backorder message = ....THIS IS A BACK ORDER....
print_for_tax	If only taxing "A" items and this is an "A" item, flag to indicate this is a taxable item.
tax_cell1	Taxable Item Message = ***** TAXABLE ITEM *****
print_for_subs	Flag to indicate to print sub-serial#s
sub_serial	Serial#
print_for_mfrm	Flag to indicate to print if item is a manufactured item using components.
mfrm_cell1	Message : Item above was manufactured using the components shown below:
print_for_mfrc	Flag to indicate to print manufacturing components
mfrc_cell1	Mfgr Components
mfrc_cell2	Mfgr Component's Item Description 1
print_for_mfr2	Flag to indicate to print manufacturing components' second item description
mfr2_cell1	Mfgr Component's Item Description 2
print_for_pis	Flag to indicate to print special instructions
special_instruction	Special Instruction
toggle_line	Indicates to toggle background color, if desired, because of a new line



## Using Stylesheets to customize Invoices

### XML Layout - example

```
▼<invoices>
  ▼<invoice>
    ▼<header>
      <invoice>404113</invoice>
      <title>THIS IS AN INVOICE</title>
      <title_number>404113</title_number>
      <title_page>0</title_page>
      <adjustment_note/>
      <reverse_address_dash></reverse_address_dash>
    </header>
    ▼<details>
      ▼<detail>
        <invoice>404113</invoice>
        <line>0001</line>
        <item/>
        <item_description/>
        <serial/>
        <uom></uom>
        <qty_ordered/>
        <qty_shipped/>
        <qty_backordered/>
        <price/>
        <extended_price/>
        <print_for_msg>Y</print_for_msg>
        <message>MISC LINE 1 TEST</message>
      </detail>
    </details>
  </invoice>
</invoices>
```



## Using Stylesheets to customize Invoices

### XSL-FO Samples

!

```

<fo:table-header>
  <fo:table-row height="6mm" background-color="#DDDDDD" display-align="center"
    font-weight="700">
    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>LINE#</xsl:text>
      </fo:block>
    </fo:table-cell>
    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>ITEM NUMBER</xsl:text>
      </fo:block>
    </fo:table-cell>
    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>SERIAL#</xsl:text>
      </fo:block>
    </fo:table-cell>
  </fo:table-row>

```

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED
A 0003	B	C	MISC LINE 1 TEST ****MISC LINE 3 TEST****	



## Using Stylesheets to customize Invoices

### XSL-FO Samples



```

<fo:table-header>
  <fo:table-row height="6mm" background-color="#DBDB56" display-align="center"
    font-weight="700"
    background-image="/home/dancik/xsl/dancik/images/navBtt1.gif"
    background-repeat="repeat">
    <fo:table-cell border="thin solid black">
      <fo:block>
        A <xsl:text>LINE#</xsl:text>
      </fo:block>
    </fo:table-cell>

    <fo:table-cell border="thin solid black">
      <fo:block>
        B <xsl:text>ITEM NUMBER</xsl:text>
      </fo:block>
    </fo:table-cell>

    <fo:table-cell border="thin solid black">
      <fo:block>
        C <xsl:text>SERIAL#</xsl:text>
      </fo:block>
    </fo:table-cell>
  </fo:table-row>

```

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION
A 0003	B	C	MISC LINE 1 TEST ****MISC LINE 3 TEST****



## Using Stylesheets to customize Invoices

### PDF Field Layout

- This layout defines how our default invoice is laid out, by using the XML's 'header' and 'detail' elements.

```

<?xml version="1.0" encoding="utf-8"?>
<invoices>
  <invoice>
    <header>
      <invoice>404113</invoice>
      <title>THIS IS AN INVOICE</title>
      <title_number>404113</title_number>
      <title_page>0</title_page>
      <invoicedate>11/30/99</invoicedate>
      <shipdate>11/30/99</shipdate>
      <shipvia_description>OUR TRUCK</shipvia_description>
      <fob>WAREHOUSE</fob>
      <account_id>202557</account_id>
      <po>037188</po>
    
```

A

B

C

title\_name  
title\_address1  
title\_address2  
title\_city, title\_state title\_zip

A

title	
INVOICE#	PAGE#
invoice	1

B

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
invoicedate	shipdate	shipvia_description	fob	account_id	po	terms	reference_id	order_id
	scac_code	truckroute_id (truckroute_desc)		account_po_sendto	jobname	initials special_terms		

**BILL TO:**  
 billto\_name  
 billto\_address1  
 billto\_address2  
 billto\_city billto\_state, billto\_zip  
 billto\_country

C

**SHIP TO:**  
 shipto\_name  
 shipto\_address1  
 shipto\_address2  
 shipto\_city shipto\_state, shipto\_zip  
 shipto\_country



title

title\_name  
title\_address1  
title\_address2  
title\_city, title\_state title\_zip

INVOICE#	PAGE#
invoice	1

[A]

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
invoicedate	shipdate	shipvia_description	fob	account_id	po	terms	reference_id	order_id
	scac_code	truckroute_id (truckroute_desc)		account_to_sendo	jobname	initials special_terms		[B]

BILL TO:
billto_name billto_address1 billto_address2 billto_city billto_state, billto_zip billto_country

SHIP TO:
shipto_name shipto_address1 shipto_address2 shipto_city shipto_state, shipto_zip shipto_country

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY B/O	UM	PRICE	AMOUNT
[C]			header/message_line1						
[D]			header/message_line2						
[E]			header/message_line3						
[I]			slmn_cell1						
line	item	serial	item_description	qty_ordered	qty_shipped	qty_backordered	uom	price	extended_price
[J]	det2_cell1	det2_cell2	det2_cell3	det2_cell4	det2_cell5	det2_cell6	det2_cell7	det2_cell8	det2_cell9
[K]				detu_cell1	detu_cell2	detu_cell3	detu_cell4	detu_cell5	
[L]								det3_cell	
[M]			det4_cell1		det4_cell2			det4_cell3	
[N]		feet_cell1	feet_cell2	feet_cell3					
[O]			pc_cell1						
[P]			um_cell1 um_cell2						
[Q]			poin_cell1						
[R]			err_cell1	err_cell2					
[S]			mfrm_cell1						
[T]	mfrc_cell1		mfrc_cell2						
		[V]	mfr2_cell1						
[F] line			message						message_price
[G]			special_instruction						
[H]			sub_serial						
[W]			header/payhdr_cell1						
[X]	header/payplan_cell1		header/payplan_cell2						
[Y]			header/manbol_cell1						
[Z]			header/tax_cell1						

total_101_cell1	total_101_cell2	total_101_cell3	total_101_cell4	total_101_cell5	total_101_cell6
total_102_cell1				total_102_cell2	total_102_cell3
total_104_cell1				total_104_cell2	total_104_cell3
total_105_cell1				total_105_cell2	total_105_cell3
				total_106_cell1	total_106_cell2
				total_107_cell1	total_107_cell2
total_108_cell1				total_107_cell2	total_107_cell3
total_109_cell1				total_108_cell2	total_108_cell3
total_110_cell1					total_108_cell4

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
account_id	title_number	invoicedate

REMIT TO:  
remit\_name  
remit\_address1  
remit\_address2  
remit\_city remit\_state, remit\_zip

sendto_name		
branch_id	total_302_cell1	total_302_cell2
	total_303_cell1	total_303_cell2
	total_304_cell1	total_304_cell2
	total_305_cell1	total_305_cell2
	total_306_cell1	total_306_cell2
	total_307_cell1	total_307_cell2
	total_308_cell1	total_308_cell2
	total_310_cell1	total_310_cell2



## Using Stylesheets to customize Invoices

### WARNING

- The Apache FOP transformer is extremely sensitive.



- Requires strict coding standards and will blow up on you.



## Using Stylesheets to customize Invoices

### WARNING

```

<fo:table-header>
  <fo:table-row height="6mm" background-color="#DBDB56" display-align="center"
    font-weight="700"
    background-image="/home/dancik/xsl/dancik/images/navBttl.gif"
    background-repeat="repeat">
    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>LINE#</xsl:text>
      </fo:block>
    </fo:table-cell>

    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>ITEM NUM</xsl:text>
      </fo:block>
    </fo:table-cell>

    <fo:table-cell border="thin solid black">
      <fo:block>
        <xsl:text>SERIAL#</xsl:text>
      </fo:block>
    </fo:table-cell>
  </fo:table-row>

```

Because  
'background-repeat'  
doesn't exist as a  
true attribute to  
'table-row'.

**BOOM!**



## Using Stylesheets to customize Invoices

### Examples

- Example 1 – Dancik Default layout
- Example 2 – Dancik's own version, currently in use.

INVOICE#	PAGE#
404113	1

INVOICE DATE	SHIP DATE	SHIP VIA	F.O.B.	ACCT#	YOUR P.O.#	TERMS	OUR REF#	ORDER#
11/30/99	11/30/99	OUR TRUCK	WAREHOUSE	202557	037188	NET IMMEDIATE	0037188	408427
	SCAC 1525	AF (ATLANTA NW DAILY)					LP / RAL / HSE	

**BILL TO:**  
 ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY NC 27777-5269

**SHIP TO:**  
 ANGELO'S FLOOR COVERINGS  
 123 MAIN STREET  
 CARY NC 27777

LINE#	ITEM NUMBER	SERIAL#	DESCRIPTION	QUANTITY ORDERED	QUANTITY SHIPPED	QUANTITY B/O	UM	PRICE	AMOUNT
0001			MISC LINE 1 TEST						
0003			****MISC LINE 3 TEST****						
0004			****MISC LINE 4 TEST****						
0008			MISC LINE 8 TEST						
0009			****MISC LINE 9 TEST****						
0010	ARM78070081	54321	IMAGIN PLANKS	1.00	1.00		CT	50.880	50.88
			U						
0011			****MISC LINE 11 TEST****						
0013			****MISC LINE 13 TEST****						
0014			****MISC LINE 14 TEST****						
0018			MISC LINE 18 TEST						
0019			MISC LINE 19 TEST						
0020	ARM5004B	TEST	GRID 8X8 WHITE	110.13	110.13		SF	1.610	177.31
			U						
0021			MISC LINE 21 TEST						
0022			MISC LINE 22 TEST						
0023			MISC LINE 23 TEST						
0024			MISC LINE 24 TEST						
0025			MISC LINE 25 TEST						
0027			MISC LINE 27 TEST						
0029			MISC LINE 29 TEST						
0030	ARM60107201	986845457	TRADITIONS 6' 18"M	15.00	15.00		SY	15.300	229.50
			U						
			22 FT 6 Inches						
0031			****MISC LINE 31 TEST****						
0037			MISC LINE 37 TEST						
9966			Delivery Charge:						8.50

Branch RAL 21 TOTAL PRICE \$ 466.19

TOTAL AMOUNT DUE \$ 466.19  
 Amount Paid \$ 466.19  
 Balance Due \$ 0.00

PAST DUE invoices are subject to a 1.5% per month service charge  
 FAILURE to pay charges may result in your account being placed on  
 COD. See Account Agreement for additional TERMS & CONDITIONS.

Please return this portion with your remittance.

ACCT#	INVOICE#	DATE
202557	404113	11/30/99

**REMIT TO:**  
 DANCİK INTERNATIONAL, LTD.  
 2000 CENTRE GREEN WAY  
 SUITE 250 - COMPANY FILE  
 CARY NC 27513

ANGELO'S FLOOR COVERINGS  
 RAL

TOTAL PRICE \$ 466.19

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INVOICE#	PAGE#
404113	1

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 123 MAIN STREET  
 CARY NC 27777-5269

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 123 MAIN STREET  
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 SUITE 250 - COMPANY FILE  
 CARY NC 27513

 ANGELO'S FLOOR COVERINGS  
 RAL

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 Balance Due \$ 0.00