

Print Format: Plugin to **parse a docx file**

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Matheus Eduardo Marcelino



About Me

Matheus Eduardo Marcelino

matheus.marcelino@devcoffee.com.br

- Development Manager at devCoffee
- ***piere world since 2016
- Undergraduate student at UNESP (São Paulo State University)

Problem



Excessive time loss editing existing documents

Real Case:

A Client have contract model to be printed daily and one employee to edit these contracts with information in the ERP.

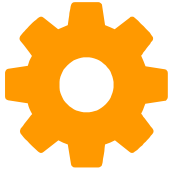
This is a massive job, with a large number of contracts in a day, spending a lot of time from the employee.



Solution

To solve the exposed case, i've idealize a model that works with the existing structure of print format, the context syntax and a "simple" docx file.

These model, gives to the final user a simple way to edit the layout and simplify the work.



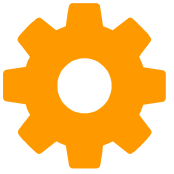
Implementation...

Client: @AD_Client_ID<Name>@

Organization: @AD_Org_ID<Name>@

Order N°: @DocumentNo@

<u>@FK LINHAS C_OrderLine.C_Order_ID C_Order_ID linenetamt > 0 ORDER BY linenetamt ASC@</u>				
<u>Product</u>	<u>Description</u>	<u>Unit Price</u>	<u>Quantity</u>	<u>Line Amount</u>
<u>@LINHAS.M_Product_ID<Name>@</u>	<u>@LINHAS.M_Product_ID<Value>@</u>	<u>@LINHAS.PriceActual@</u>	<u>@LINHAS.QtyEntered@</u>	<u>@LINHAS.linenetamt@</u>



Implementation...

Home **Print Format: Sales Order** x

Print Format [2/2]

Client* GardenWorld Organization* *

Name* Sales Order

Description

Active Default

Table* C_Order_Order Report View

Template DOCX

Window



Implementation...

Home | Print Format: Sales Order | Sales Order: 80003

Order

Client: GardenWorld
Document No: 80003
Description: Order Description from Business Partner Definition
Target Document Type: POS Order
Date Ordered: 22/10/2019
Business Partner: C&W Construction
Partner Location: Stamford
User/Contact: Carl Boss

Invoice Partner: C&W-C&W Construction
Invoice Location: Stamford
Invoice Contact: Carl Boss

Order Line | Order Tax | Payment Schedule

3 Records

Organization	Order	Business Partner	Partner Location	Date Promised	Date Ordered	Line No	Wa
Fertilizer	80003_22/10/2019	C&W Construction	Stamford	22/10/2019	22/10/2019	10	Fer
Fertilizer	80003_22/10/2019	C&W Construction	Stamford	22/10/2019	22/10/2019	20	Fer
Fertilizer	80003_22/10/2019	C&W Construction	Stamford	22/10/2019	22/10/2019	30	Fer

Print Format: Sales Order

Current Row Only

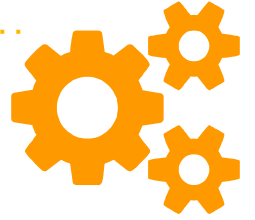
Export

docx - docx - Word Document file

docx - docx - Word Document file

✓ ✗

Implementation...



Client: GardenWorld

Organization: Fertilizer

Order N°: 80003

<u>Product</u>	<u>Description</u>	<u>Unit Price</u>	<u>Quantity</u>	<u>Line Amount</u>
<u>Azalea Bush</u>	<u>Azalea Bush</u>	23,75	1,00	23,75
<u>Holly Bush</u>	<u>Holly Bush</u>	38,00	1,00	38,00
<u>Planting Service</u>	<u>Planting</u>	42,75	5,00	213,75



Solution in Numbers

Considering these numbers:

- 10 minutes per contract
- 10 contracts per day
- 1:40h per day per employee;
- 8:20h (one day) per week lost;
- In one month ,4 days; In a year, one month and half lost in a task that can be automatable;



Discussion

Source Code available at <https://bitbucket.org/devcoffee/idempiere/src/default/>

Use the *default-docxprintformat* (in sync with default) branch as below:

devcoffee / IDempiere / IDempiere / Branches

default-docxprintformat

Check out ▾ View source

Diff Commits Merged pull requests

Author	Commit	Message	Date	Builds
28 commits behind default.				
Jonatas Silvest...	a6c549f	Implements Docx Print Format	2019-10-14	

Any Questions?



Thank you!

matheus.marcelino@devcoffee.com.br



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