



Tryton Point of Sale

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POS features

- Quick management of sales
- Automatic creation of invoices & shipments
- Products are sent/received at this moment
- Recording of payments
- Payment journals (cash register)
- Print to special POS devices

POS concepts

- **Shops:**

Real store related to a warehouse

- **POS devices:**

Hardware devices used in the shop

- **Payment journals:**

Where you write down the POS payments

POS concepts



Previous work

GSOC 2011: <http://code.google.com/p/tryton/wiki/POSModule>

Óscar Álvarez from Colombia: Updated to Tryton 2.6, 2.8

- **POS sales != Tryton sales**
 - Lot of code duplication
 - Missing of features: Pricelists, invoices, ...
- **Not payment journals**
- **POS Gtk client**
- **Print only to ESC-POS devices**

New POS implementation

Reuse existing modules:

- **sale** (stock, account_invoice) for POS sales
- **account_statement** for log the payments
- **product_barcode** (EAN13, ISBN, ...)
- **sale_shop** for shops (physical or ecommerce)

Avantages

- Few lines of code:
 - POS device object
 - New view and wizards
- Uses the same logic as core modules (taxes, pricelists, ...)
- Takes advantage of new sale modules:
 - sale_discont
 - sale_product_pack
 - sale_party_risk

Disavantages

- Lot of data for each sale POS:
 - 1 sale POS:
 - 1 or 2 invoices
 - 1 or 2 shipments
- Needs direct access to Tryton server (no off-line)

Download

https://bitbucket.org/zikzakmedia/trytond-sale_pos

https://bitbucket.org/zikzakmedia/trytond-sale_shop

https://bitbucket.org/zikzakmedia/trytond-product_barcode

POS Demo

Tryton - Administrator - Zikzakmedia [Euro]

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POS Device 1 / 4

Device Name: 01 Shop: Barcelona

Company: Zikzakmedia Default Journal: 01 Cash

Journals

Name	Journal	Currency	Company
01 Cash	Cash	Euro	Zikzakmedia
01 Credit Card	Credit Card	Euro	Zikzakmedia

Printer Port: /dev/usb/lp0 Display port: /dev/ttyS0

BAUD-Rate: 9,600 Digits per Row:

Receipt Logo: 0.0bytes

Test printer Test display

tryton://localhost:8000/try30_sale_pos/model/sale_pos.device/1;views=%5B336%2C+337%5D

POS Demo

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POS Sales 2 / 2

POS Sales

Lines

Product	Quantity	Unit	Unit Price	Unit Price with	Amount with Tax
[TUB] TUB t-shirt	2	Unit	20.0000	20.00	40.00
[TUL] TUL t-shirt	1	Unit	25.0000	25.00	25.00
					65.00

Sale Payments Invoices

Shop: Barcelona

Reference: BCN-001

Party: Customer

Price List: Retail pricelist

Payment Term: 0 days

Create Date: 11/08/2013 22:21:21

Sale Date:

Untaxed: 65.00

Tax: 0.00

Total: 65.00

Paid Amount: 40.00

Residual Amount: 25.00

+ Add Product + Add Sum Pay Ticket State: Draft

tryton://localhost:8000/try30_sale_pos/model/sale.sale/1;views=%5B334%2C+333%5D



POS Demo

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POS Sales 2 / 2

POS Sales

Lines

Product	Quantity	Unit	Unit Price	Unit Price w	Amount with Tax
[TUB] TUB t-shirt	2	Unit	20.0000	20.00	40.00
[TUL] TUL t-shirt	1	Unit	25.0000	25.00	25.00
					65.00

Sale Payments Invoices

Payments

Statement	Date	Amount
01 Cash 0,00 - 0,00	11/09/2013	40.00
01 Credit Card 0,00 - 0,	11/09/2013	25.00

Paid Amount:

Residual Amount:

Pay Ticket State: Processing

tryton://localhost:8000/try30_sale_pos/model/sale.sale/1;views=%5B334%2C+333%5D

POS Demo

Barcelona

Sale N° BCN-001

Date: 11/09/2013

Customer: Customer

Description	Qty	Unit Price	Amount
[TUB] TUB t-shirt	2 u	20,00 €	40,00 €
TUL t-shirt	1 u	25,00 €	25,00 €
			65,00 €

Subtotal

Total (excl. taxes): 65,00 €

Taxes: 0,00 €

Total: 65,00 €

Cash 40,00 €

Credit Card 25,00 €

Paid: 65,00 €

Salesman: Administrator

Questions?

Point of sale in Tryton Questions?

