
Tryton in Argentina our localization and use

(sorry for my english)

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Tryton in Argentina, our localization and use

Who we are?

Tryton Argentina: more than 10 free software companies in an early stage of adopting Tryton (not all).

There is a little community of Oodo and there is a local free software erp (from adempiere)

Our Trip: from OpenERP → Tryton (start with 2.4)

<https://github.com/tryton-ar/>

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What we do (or try to do): Trying to Maximize

- Work Toghether.
- Tryton Argentina site (not updated)
- Regular metttings
- Keep updating the localization: one update per year (Nov.), we are in 3.4.



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Why a localization:

In TUB 2013 there was a Talk:

Why you should not do localization modules?

Summary: Work Toghether Please!

We agree but ..

What's wrong?

- limit audience
- duplicate effort



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Why a localization:

Our needs:

Not only accounts (XML)

- Point of sale: One company have differents POS (01, 02, etc.)
- Different Types of customer and supplier Invoices (A, B, C, E)
- Electronic Invoice (AFIP integration)
- Verify Entity (AFIP Integration)
- Voucher (Payments and collects with tax retention)
- Taxes: Specific Monthly Reports (AFIP)
- HRM / Payroll (not yet)



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Localization repos

- account_ar (XML)
- account_invoice_ar (POS, Electronic invoice, AFIP integration)
- deploy-localizacion-argentina (tutorial)
- recover_invoice_ar (recover electronic invoice)
- bank_ar
- documentation
- voucher_ar

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account_invoice_ar

Tryton - Pablo Vannini - 3974562 - COOPERATIVA DE TRABAJO GCOOP LTDA [Peso argentino]

Archivo Usuario Opciones Favoritos Ayuda

Facturas

Facturas 1 / 1

Factura

Entidad: 2600 - BANCO CREDICOOP COOP LTDO. | Dirección de facturación: 32600 - BANCO CREDICOOP COOP LTDO.

Punto de Venta: 2 - Electronic POS | Tipo de factura: Factura A **Invoice type**

Descripción:

Fecha factura: | Pay mode: |

Término de pago: 30 días fecha factura | Moneda: Peso argentino

Líneas

Tipo	Product Typ	Producto	Descripción	Cantidad	Unidad	Precio unit	Impue	Importe

Información adicional

Líneas de impuesto

Descripción	Base	Importe

Conciliado: | Base imponible: |

Estado: Borrador | Impuesto: |

Total: |

Cancelar Validar Confirmar

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account_invoice_ar

Screenshot of the Tryton application interface showing the configuration of POS (Puntos de Venta) for invoices.

The top navigation bar includes "Facturas" and "Puntos de Ve...". The main title is "Puntos de Venta". The status bar shows "1 / 3".

Toolbar icons include: search, new, edit, delete, back, forward, print, and file operations.

Configuration fields:

- Punto de Venta AFIP: 2
- Pos Type: Electronic
- Type of invoice: Webservices of AFIP
- AFIP Web Service: Mercado interno -sin detalle- RG2485 (WSFEv1)

Table view showing the mapping between AFIP Document Types and their electronic counterparts:

Tipo Comprobante AFIP	Secuencia	Different sequence per invoice per POS
01-Factura A		Factura A Electronica
06-Factura B		Factura B Electronica
08-Nota de Crédito B		Nota de Credito B
03-Nota de Crédito A		Nota de Credito A
19-Factura E		Factura E. Electronica
21-Nota de Crédito E		Nota Credito E. Electronica

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Screenshot of Tryton interface showing the configuration and processing of an electronic invoice (Factura B) for a service provider (2-Servicios).

The main window shows the following fields:

- Tipo: Factura
- Diario: Ingresos
- Entidad: [redacted]
- Dirección de facturación: [redacted]
- Punto de Venta: 2-Electronic
- Tipo de factura: Factura B
- Número: 0002-00000590
- Descripción: [redacted]
- Referencia: [redacted]

Below these fields, there are filters for:

- Concepto: 2-Servicios
- Fecha Desde: 01/10/2015
- CAE: 65404912296076
- Fecha Hasta: 31/10/2015
- Vencimiento CAE: 12/10/2015

A red box highlights the Punto de Venta, Tipo de factura, Número, and the CAE filter.

In the "Collect Transactions" sidebar, the "Resultado" tab is selected, showing "Aceptado". A red box highlights this status.

A modal dialog titled "Transaction" displays the following information:

- Resultado: Aceptado
- Mensaje: Mensaje de error u observación, devuelto por AFIP
- XML Request: (This section contains a large block of XML code)

A red box highlights the "XML Request" section.

At the bottom right of the modal, there are "Cancelar" (Cancel) and "Aceptar" (Accept) buttons.

The URL in the browser bar is tryton://administracion.gcoo

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Other Modules (gcoop)

- Cooperative:
 - Receipt (similar but different payroll)
 - Meeting
 - Vacation
 - Social Balance
- Account Payment: set a paymode method to an entity (bank debit, different credit cards, etc.)
- Payment Collect (send and return). Different interfaces to automatize the collects and payments with different methods, for recurring and batch invoicing

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Next Steps

- Our goal: reduce localization
 - core modules
 - other countries with similar requirements
- Update to 3.8
- Community growth (more)

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GRACIAS!

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