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**tryton***purchaseDocumentation*

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The purchase module defines the Purchase model.



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## Purchase

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The purchase is mainly defined by a party from which the products will be purchased and a list of purchase lines, each one containing a product and a quantity. Here is the extensive list of the fields, most of them are optional or completed with sensible default values:

- Party: The supplier.
- Invoice Address: The invoice address of the supplier.
- Supplier Reference: Allow to keep track of the supplier reference for this order.
- Description: An optional description for the order.
- Number: The internal reference of the purchase (will be generated automatically on confirmation).
- Reference: The optional external reference of the order.
- Purchase Date: The date the purchase is made.
- Payment Term: Define which payment term will be use for the future invoice.
- Warehouse: Define the warehouse where the shipment will be made.
- Currency: define the currency to use for this purchase. All product prices will be computed accordingly.
- Purchase Lines:
  - Type: The type of the line. The default value is *Line* which means that the current purchase line contains the fields defined hereunder. The other values of Type (*Comment*, *Subtotal*, *Title*) are used to add extra lines that will appear on the report, thus allowing to easily customise it.
  - Sequence: Allow to order lines. The value of this field is also updated with a drag and drop between the lines.
  - Product: An optional reference to the product to purchase.
  - Description: The description of the product to purchase.
  - Quantity: The quantity to purchase.
  - Unit: The unit of measure in which is expressed the quantity.

- Unit Price: The unit price of the product expressed in the currency of the purchase.
- Amount: The amount of the current line (Unit Price multiplied by Quantity).
- Delivery Date: The computed date at which the product is expected to be delivered.
- Taxes: The list of taxes that will be applied to the current line.
- Invoice State: The state of the invoice related to the purchase.
- Shipment State: The state of the shipment related to the purchase.
- Untaxed: The untaxed amount.
- Tax: The tax amount.
- Total: The total amount.
- State: The state of the purchase. May take one of the following values: Draft, Quotation, Confirmed, Cancelled.
- Company: The company which issue the purchase order.
- Invoice Method: May take one of the following values:
  - Base on order: The invoice is created when the purchase order is confirmed.
  - Base on shipment: The invoice is created when the shipment is received and will contains the shipped quantities. If there are several shipments for the same purchase, several invoices will be created.
  - Manual: Tryton doesn't create any invoice automatically.
- Comments: A text fields to add custom comments.
- Invoices: The list of related invoices.
- Moves: The list of related stock moves.
- Shipments: The list of related shipments.
- Return Shipments: The list of the related shipment returns. If a Supplier Return location is defined on warehouse it will be used on return shipments as origin location. Otherwise the warehouse storage location will be used.

The *Purchase* report allow to print the purchase orders or to send them by mail.