
tryton*_stock_package_shipping*Documentation

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This module is the base module required to interact with shipping service providers.

CHAPTER 1

Carrier

The Carrier model adds the following field:

- *Shipping Service*: The shipping service of the carrier.

This field is programmatically filled by the modules providing support for shipping companies.

The Package Type model has been added the following fields:

- *Length*: The length of the packages of this type
- *Length Unit*: The unit of measure of this length
- *Length Digits*: The precision of length
- *Height*: The height of the packages of this type
- *Height Unit*: The unit of measure of this height
- *Height Digits*: The precision of height
- *Width*: The width of the packages of this type
- *Width Unit*: The unit of measure of this width
- *Width Digits*: The precision of width

CHAPTER 3

Package

The Package model has been added the following fields:

- *Shipping Reference*: The shipping reference provided by the shipping service
- *Shipping Label*: The shipping label provided by the shipping service
- *Weight*: A function field computing the weight of the package with its content

CHAPTER 4

Shipment Out

The Shipment Out model will check once in the Packed state if the shipment is a valid shipment for the shipping service. He does that by calling a method that is by convention named `validate_packing_<shipping service>`.

Once a shipment is packed, the user can create the shipping for each packages with the shipping service by clicking on the *Create Shipping* button. This button triggers a wizard that is overridden in shipping service specific modules. The starting state of the wizard is a `StateTransition`. Its linked method is overridden in shipping service modules in order to communicate with the service.