

---

# **trytond\_product\_kit**

*Release latest*

**unknown**

**May 02, 2022**



# CONTENTS

- 1 Design . . . . . 3**
- 1.1 Product . . . . . 3
- 1.2 Product Component . . . . . 3
- 1.3 Sale . . . . . 3
- 1.4 Purchase . . . . . 4



The *Product Kit Module* adds kits and components to products. This enables a defined set of products to be sold or purchased using a single line.



The *Product Kit Module* module introduces the following concepts:

## 1.1 Product

When the *Product Kit Module* is activated, products gain some extra properties. These include a new type “Kit” which corresponds to a product composed of other goods defined by a list of *Components*.

**See also:**

The *Product* concept is introduced by the *Product Module*.

## 1.2 Product Component

The *Product Component* concept defines the quantity of a product that is part of another product.

## 1.3 Sale

When the *Product Kit Module* is activated, components are added to sales when the sale is quoted.

For *Sale Lines* with a kit *Product*, a *Sale Line Component* is created for each *Product Component*. These components are used as the origins for the *Stock Moves* and the sale lines of the *Invoice Lines*. When the *Invoice* method is on shipment, the smallest ratio of shipped components is used to calculate the quantity invoiced.

For *Sale Lines* with a non-kit product containing *Product Components*, a sale line is created for each one.

When the sale is reset to draft, all created components are deleted.

### 1.3.1 Line

The sale lines gain a list of *Sale Line Components* and a list of children which are created when the *Sale* is quoted.

### 1.3.2 Line Component

The *Sale Line Component* concept defines for a *Sale Line* the quantity of a *Product Component* to be shipped instead of the kit.

**See also:**

The *Sale* model is introduced by the *Sale Module*.

## 1.4 Purchase

When the *Product Kit Module* is activated, components are added to *Purchases* when the purchase is quoted.

For *Purchase Lines* with a kit *Product*, a *Purchase Line Component* is created for each *Product Component*. These components are used as the origins for the *Stock Moves* and the purchase lines of the *Invoice Lines*. When the *Invoice* method is on shipment, the smallest ratio of received components is used to calculate the quantity invoiced.

For *Purchase Lines* with a non-kit product containing *Product Components*, a purchase line is created for each one.

When the purchase is reset to draft, all created components are deleted.

### 1.4.1 Line

The purchase lines gain a list of *Purchase Line Components* and a list of children which are created when the *Purchase* is quoted.

### 1.4.2 Line Component

The *Purchase Line Component* concept defines for a *Purchase Line* the quantity of a *Product Component* to be received instead of the kit.

**See also:**

The *Purchase* model is introduced by the *Purchase Module*.