Project Attribute Strict Documentation

Release VERSION

Openlabs

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CHAPTER 1

Product Attribute Description

This module is used for adding attributes to products. This documentation describes how to add attributes to variants and show combination of products on a single product template.

- Introduction
- Creating a New Product
- Variants
- Creating new variants
- Product Attributes
- Attribute Sets
- Attribute Creation

1.1 Introduction

Tryton uses two models for managing products:

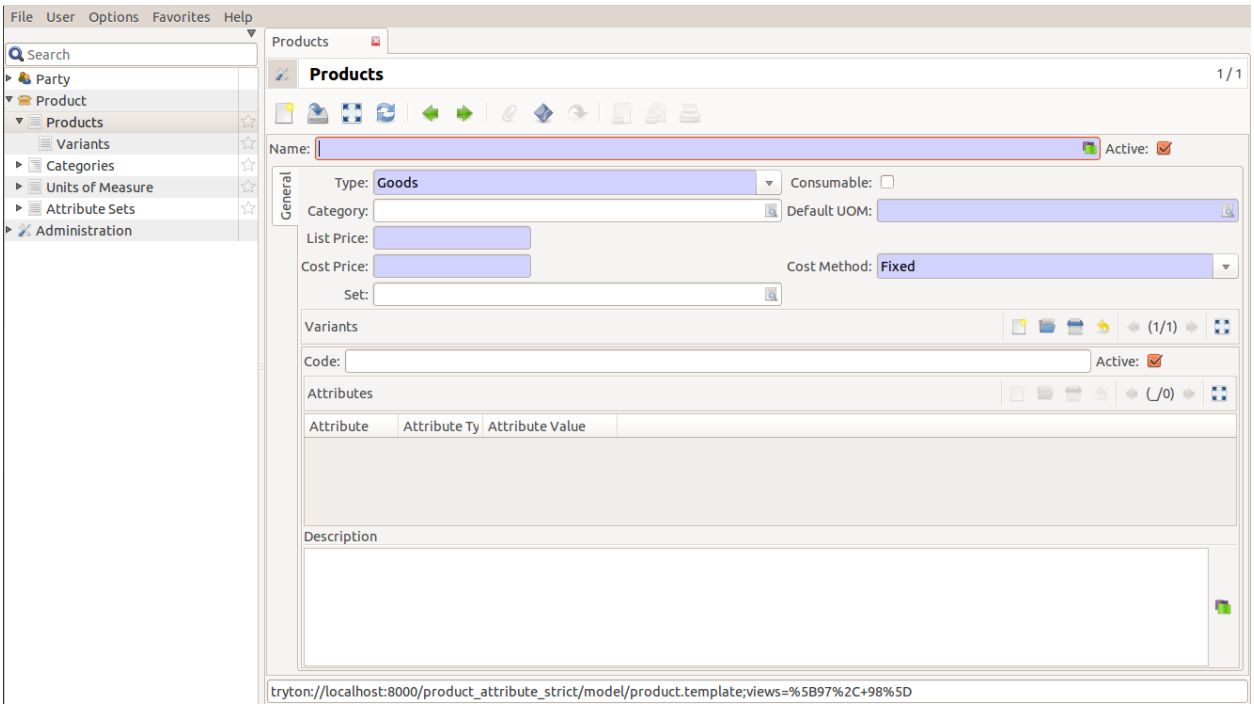
- Product Template
- Variants

A product template is a logical grouping of closely related products. An example would be a phone and it's different features like brand, capacity and colour would be variants. The basic idea is that a template cannot be purchased, manufactured or sold, only it's variant can be. On the other hand, a product template is advertized and not it's variant.

1.2 Creating a New Product

To create new product, go to `Product` >> `Products`. Click on new icon to create new record.

The following fields are present on the product template:



Name	Description
Name	Name of product
Type	The value can be Services, Goods and Assets
Category	Where product belongs to.
Cost Price	This can be fixed or average. This tells how cost price should be updated. THe fixed price products ahve unchanged prices and average price depicts the average cost of all items in stock.
Default UOM	Default UOM for this product.
Active	Used to disable a product.
Consumable	Used to make product consumable.
Set	The product attributes can be added from here.
Code	Specific Code given to product.

1.3 Variants

A product variant is the Stock Keeping Unit (SKU) for the product template. While templates are virtual grouping of related products, the variants are real world products. Generally there are minor varieties in the templates. As a result, there are different SKUs present.

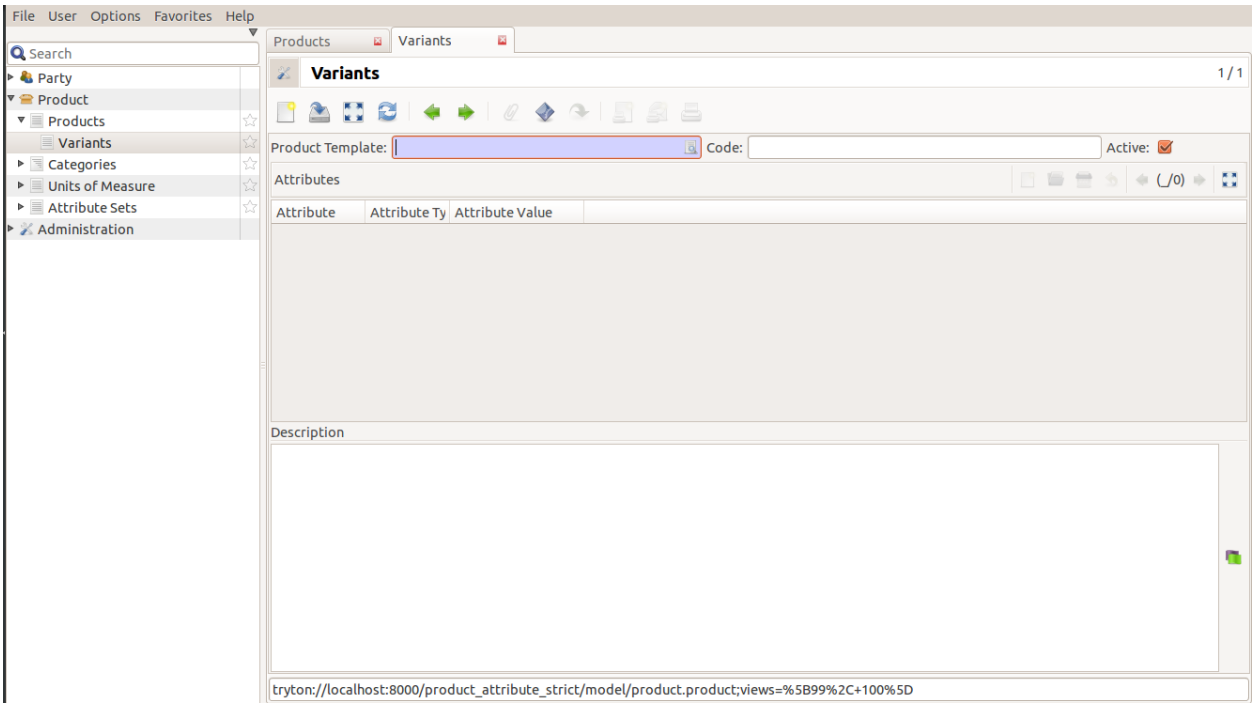
For example, in the phone category, the following would be the variants:

Variant	Color	Capacity
Code 1	Black	8 GB
Code 2	Black	16 GB
Code 3	White	8 GB
Code 4	White	16 GB

The different characteristics which make up variations are known as Attributes.

1.4 Creating Variants

Go to `Product`>> `Products` >> `Variants`, and click on new icon to create a new record.



The variants window has the following fields:

Name	Description
Product Template	The template of which the product is a variation of.
Code	A unique code for the product.
Active	The product can be disabled with this.
Attributes	Attributes of the product chosen.

1.5 Product Attributes

The attributes are the collective characteristics of proudct variants. For example, in case of a phone, its attributes will be capacity, brand, color etc.

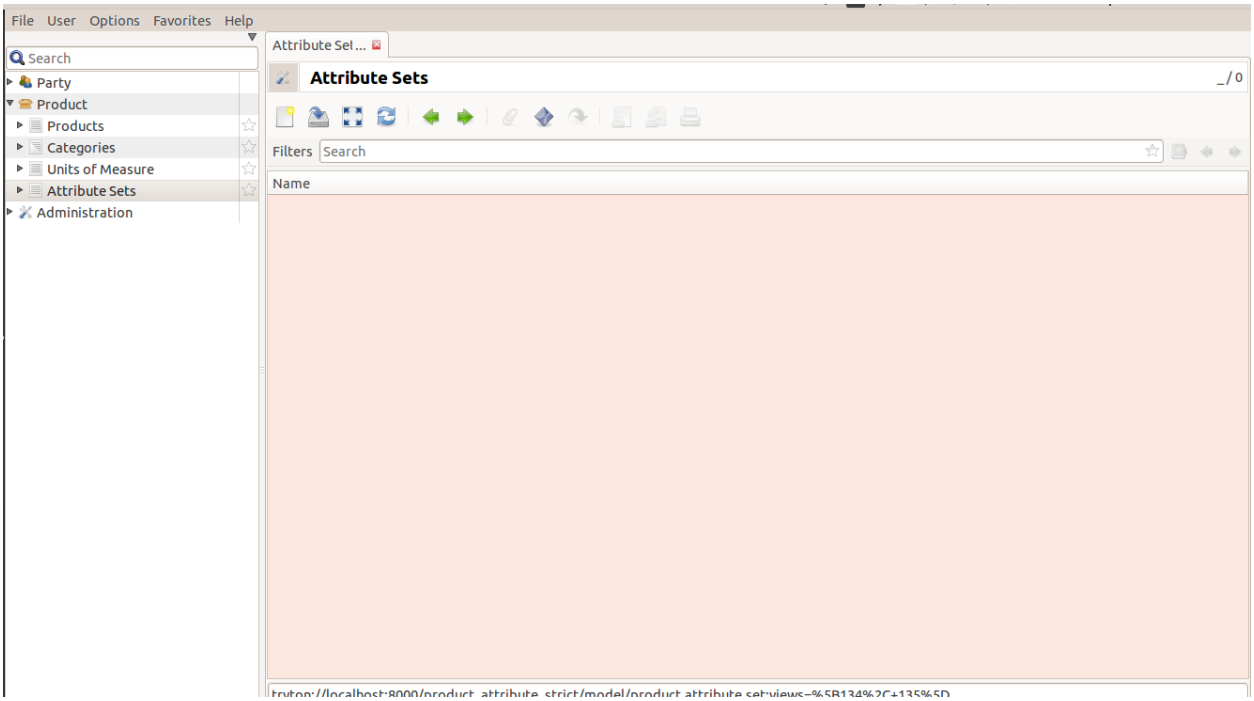
1.6 Attribute Sets

It is a collection of attributes. These are the collective characteristics of variants. In case of a phone, its attributes will be brand, color, capacity etc.

1.7 Creation of Attributes

Note: We will use the same example of variants of a smartphone for illustration purposes.

1. Click on `Product>> Attibute Sets` to create a new attribute.



2. Click on `Create a new record`.
3. Add Name of the attribute. For illustrative purposes, we will go with *Phone*.

   Click on *Create a new record* in front of attributes.
4. Click on `New` to create a new record.
5. In the Name field, add Colour. From the drop down menu, click on drop-down and choose `Selection`.
6. Click `Add a new record` next to selection.
7. In the attribute name field, add *Black* and click *Ok*.

Follow same steps to add other colors. Once done, click *Ok*. You will be able to see attribute added.

Repeat the same steps for adding Brand and Capacity.

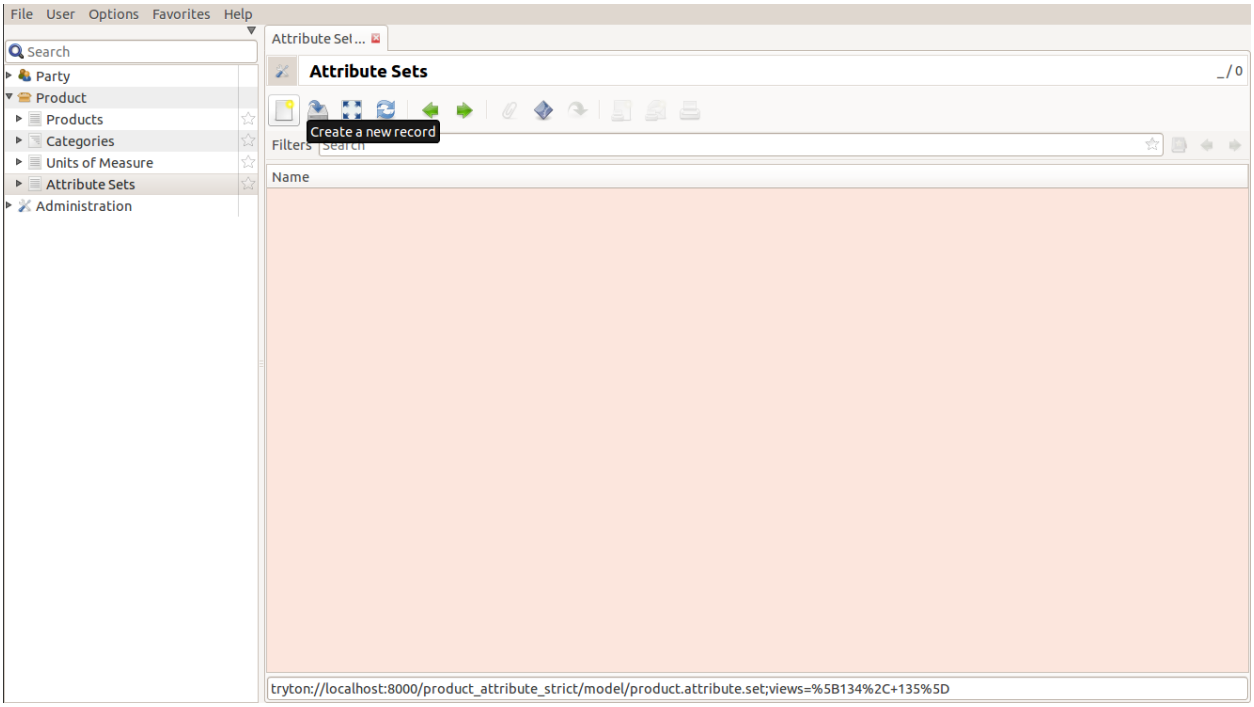
Click on `Save this record`.

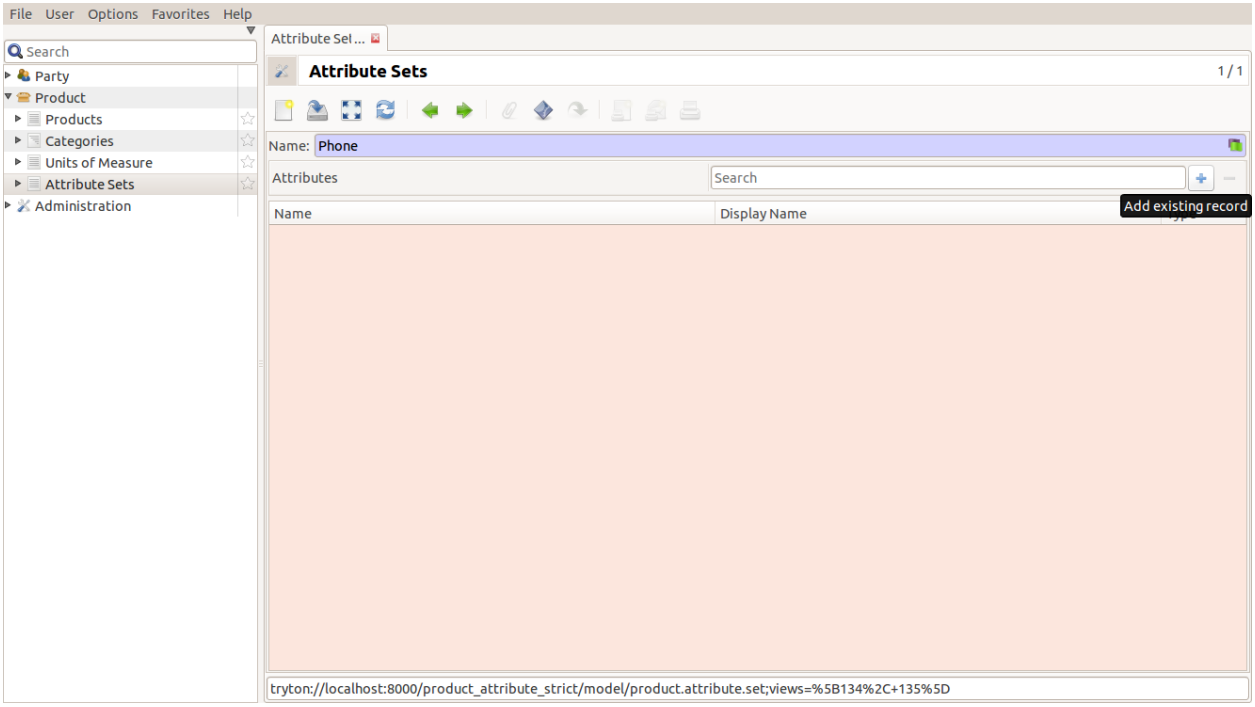
8. Double click on *Product* tab and click on `Create a new record`.
9. Let us now see how the attribute sets we created work. In the window that opens, add details of products and click on `Search a record` in the *Sets* tab.

You can see the attribute set we created by the name *Phone*. Select and hit Ok.

10. Click on *Create a new record* next to Attribute.
11. In the window that opens, click on *Search a new record*.
12. You can now see the attributes we defined. Select any one and hit OK.
13. In Value Selection field, click on `Search a new record`.
14. All the enlisted colours can be seen. Select any one and click Ok.

Repeat the above steps for specifying the Brand and Capacity too. Once done, save your records.


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Attribute Sets
_/0
Create a new record
Filters
Search
Name
tryton://localhost:8000/product_attribute_strict/model/product.attribute.set;views=%5B134%2C+135%5D


File User Options Favorites Help
Search
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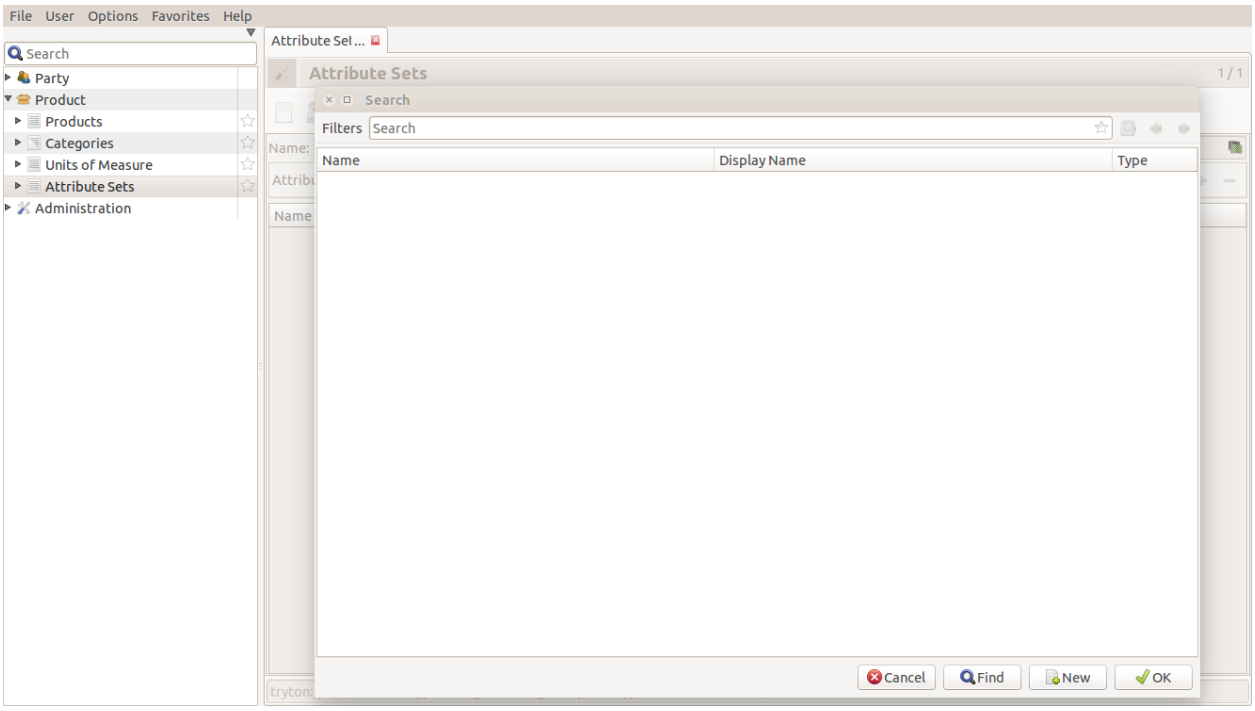
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Attribute Sets
1/1
Name: Phone
Attributes
Search
Add existing record
Name
Display Name
tryton://localhost:8000/product_attribute_strict/model/product.attribute.set;views=%5B134%2C+135%5D


File User Options Favorites Help
Search
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Products
Categories
Units of Measure
Attribute Sets
Administration
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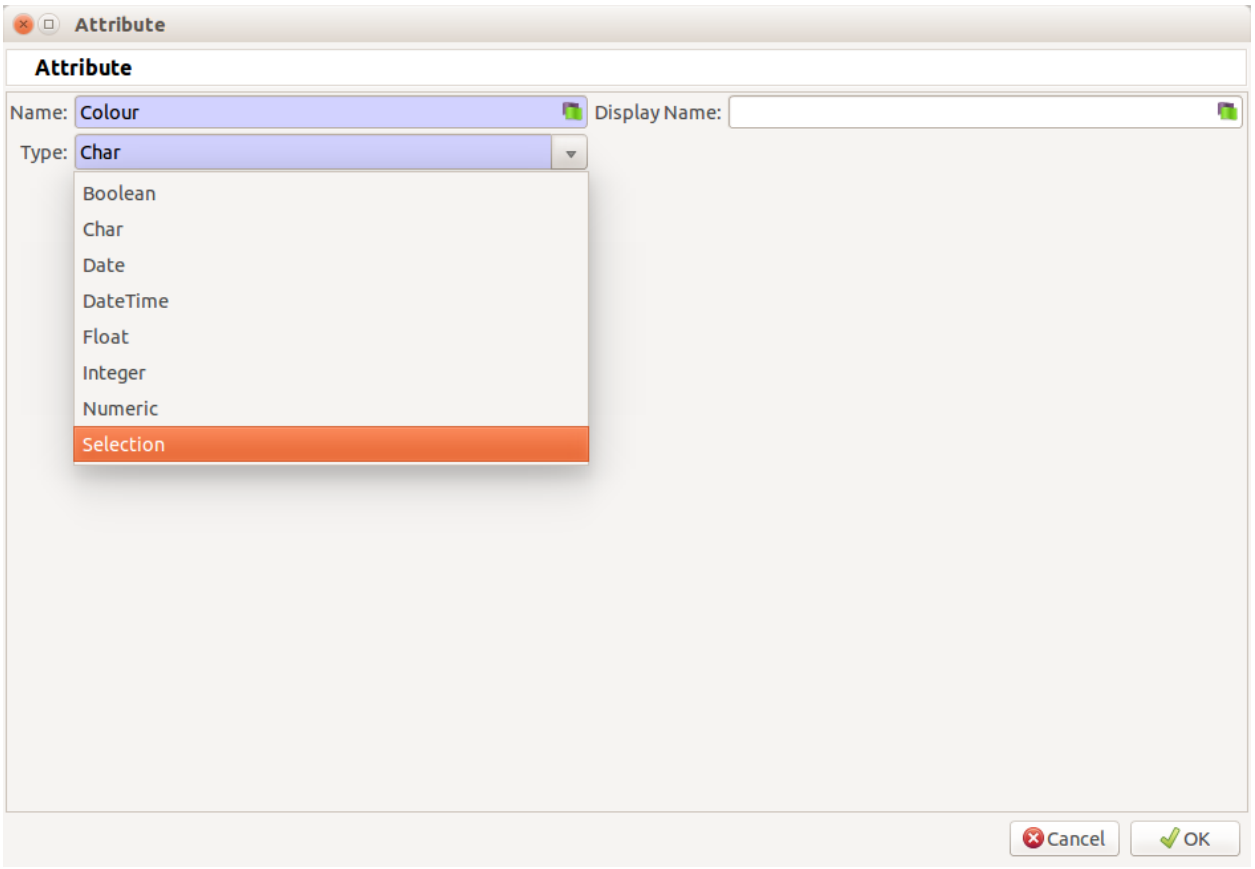
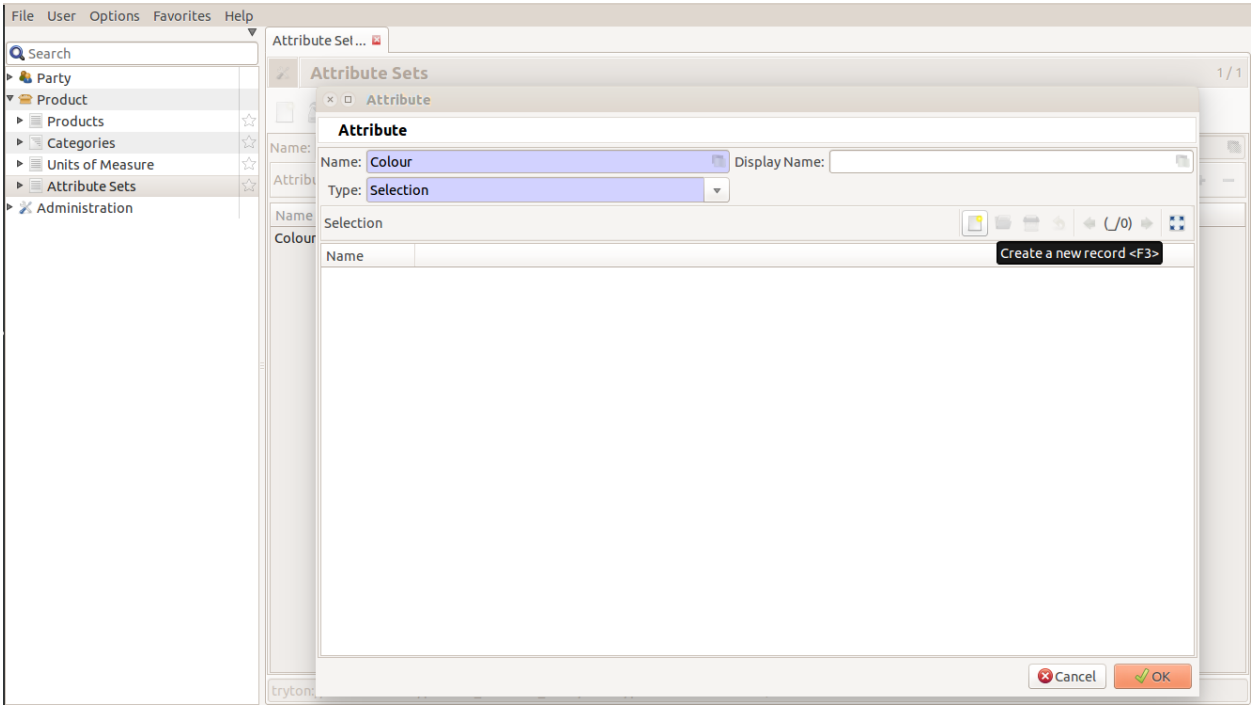
Attribute Sets
1 / 1
Search
Filters
Search
Name
Display Name
Type
Cancel
Find
New
OK


Attribute
Attribute
Name: Colour
Display Name:
Type: Char
Boolean
Char
Date
DateTime
Float
Integer
Numeric
Selection
Cancel
OK


File User Options Favorites Help
Search
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Attribute Sets
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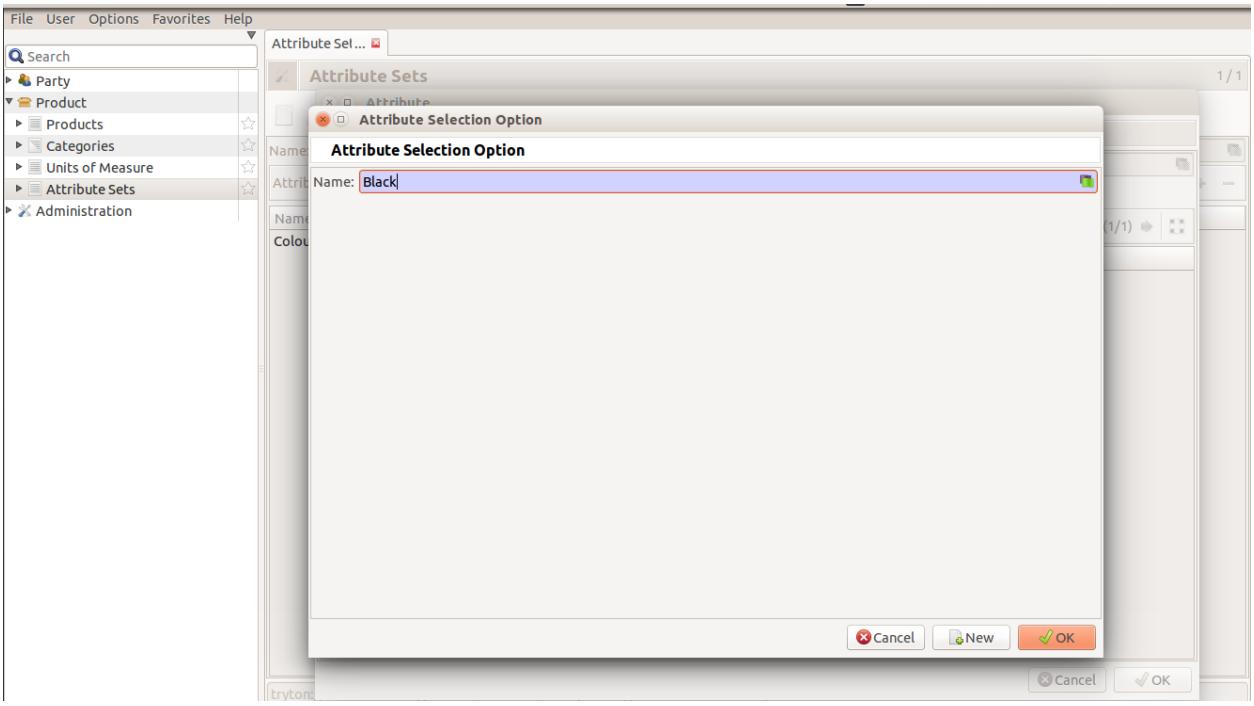
Attribute Sets
1 / 1
Attribute
Attribute
Name: Colour
Display Name:
Type: Selection
Selection
(_/0)
Name
Create a new record <F3>
Cancel
OK


File User Options Favorites Help
Search
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Products
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Units of Measure
Attribute Sets
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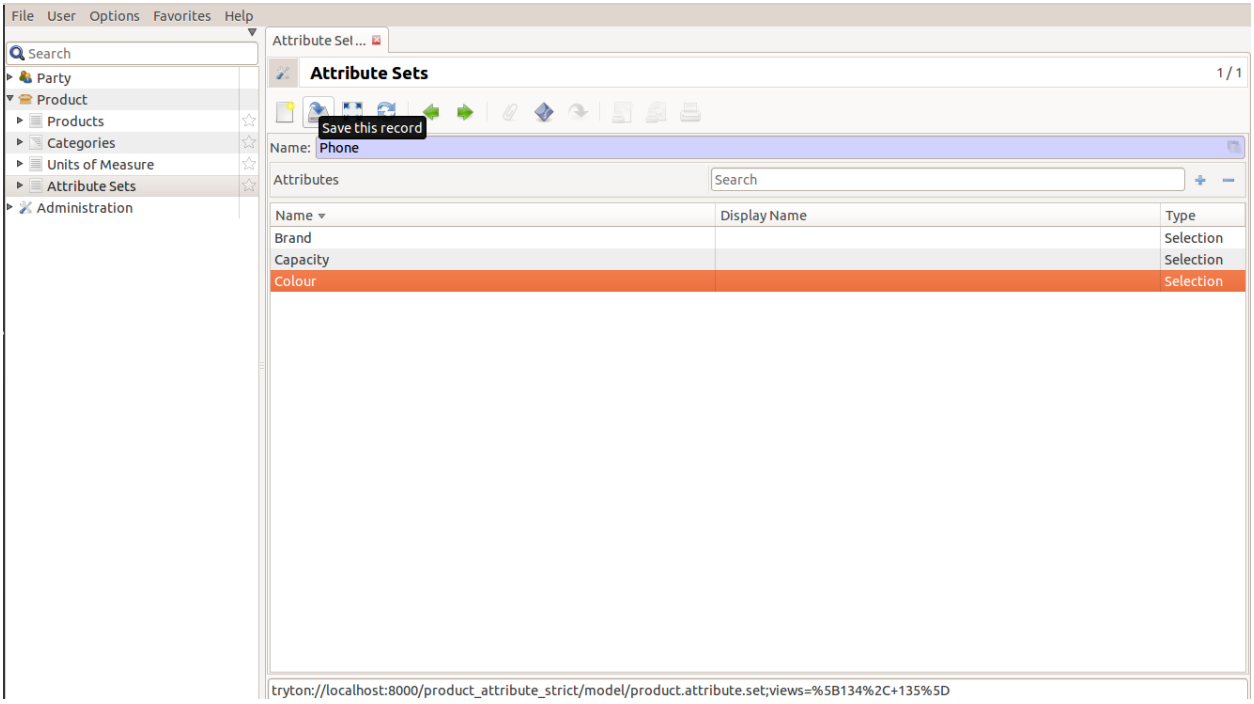
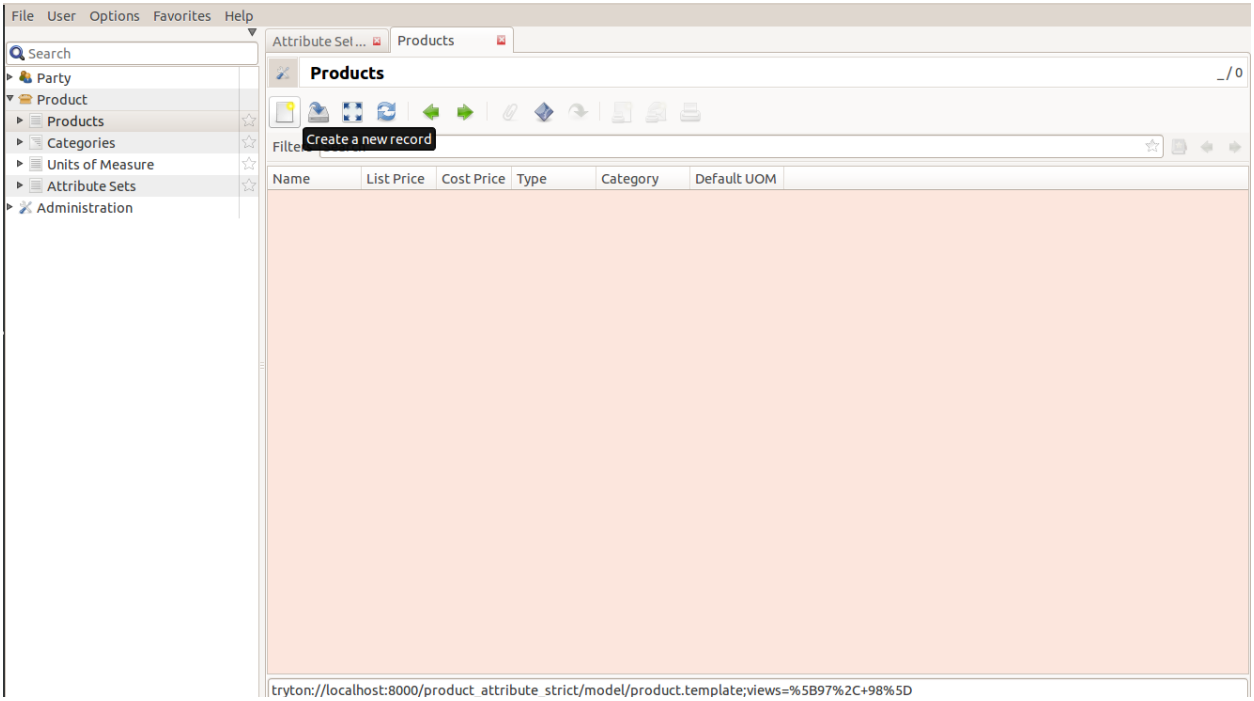
Attribute Sel...
Attribute Sets
1 / 1
Attribute Selection Option
Attribute Selection Option
Name: Black
(1/1)
Cancel
New
OK
Cancel
OK


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel ...
Attribute Sets
1 / 1
Save this record
Name: Phone
Attributes
Search
Name
Display Name
Type
Brand
Selection
Capacity
Selection
Colour
Selection
tryton://localhost:8000/product_attribute_strict/model/product.attribute.set;views=%5B134%2C+135%5D


File User Options Favorites Help
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Create a new record
Filter
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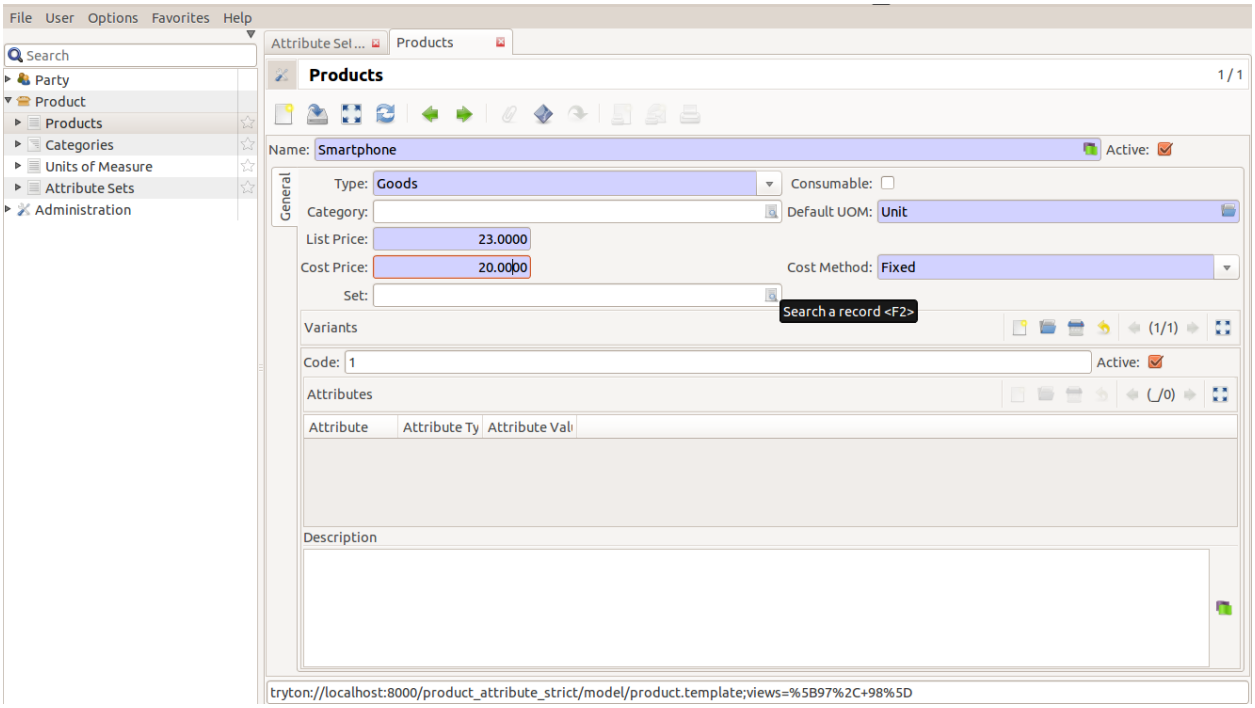
List Price
Cost Price
Type
Category
Default UOM
tryton://localhost:8000/product_attribute_strict/model/product.template;views=%5B97%2C+98%5D


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Products
Products
1 / 1
Name: Smartphone
Active:
General
Type: Goods
Consumable:
Category:
Default UOM: Unit
List Price: 23.0000
Cost Price: 20.0000
Cost Method: Fixed
Set:
Search a record <F2>
Variants
(1/1)
Code: 1
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Attributes
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Attribute
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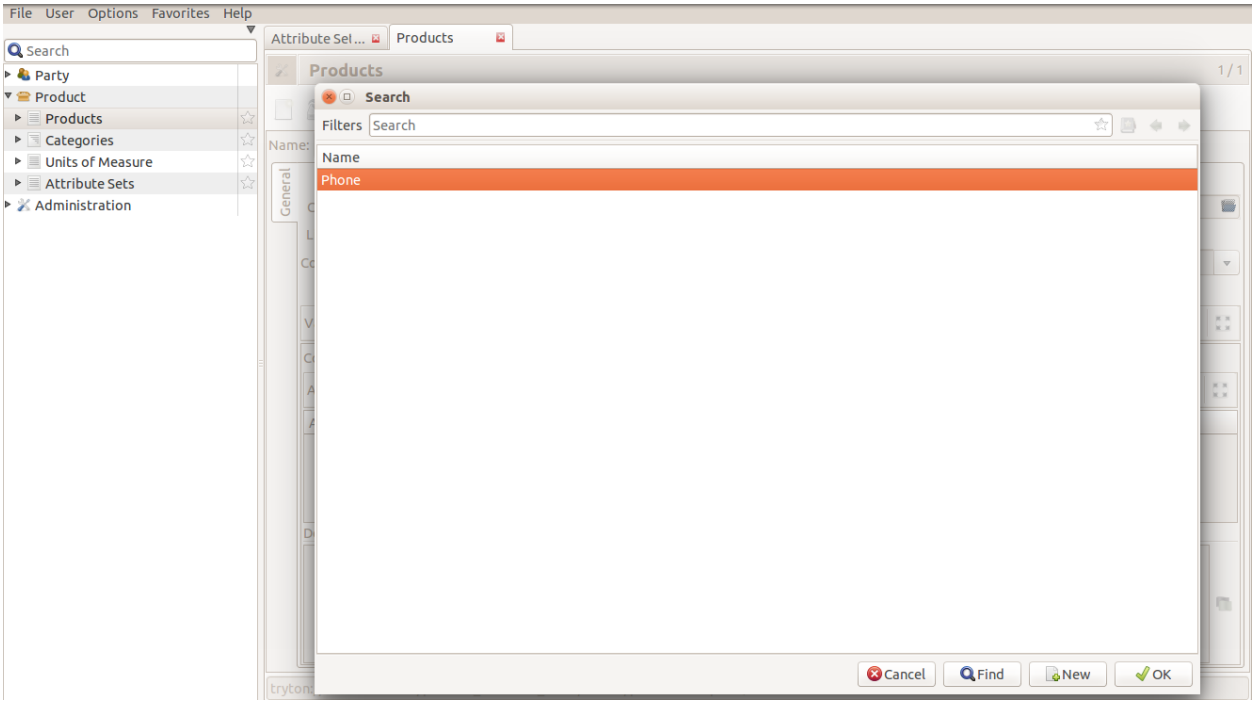
tryton://localhost:8000/product_attribute_strict/model/product.template;views=%5B97%2C+98%5D


File User Options Favorites Help
Search
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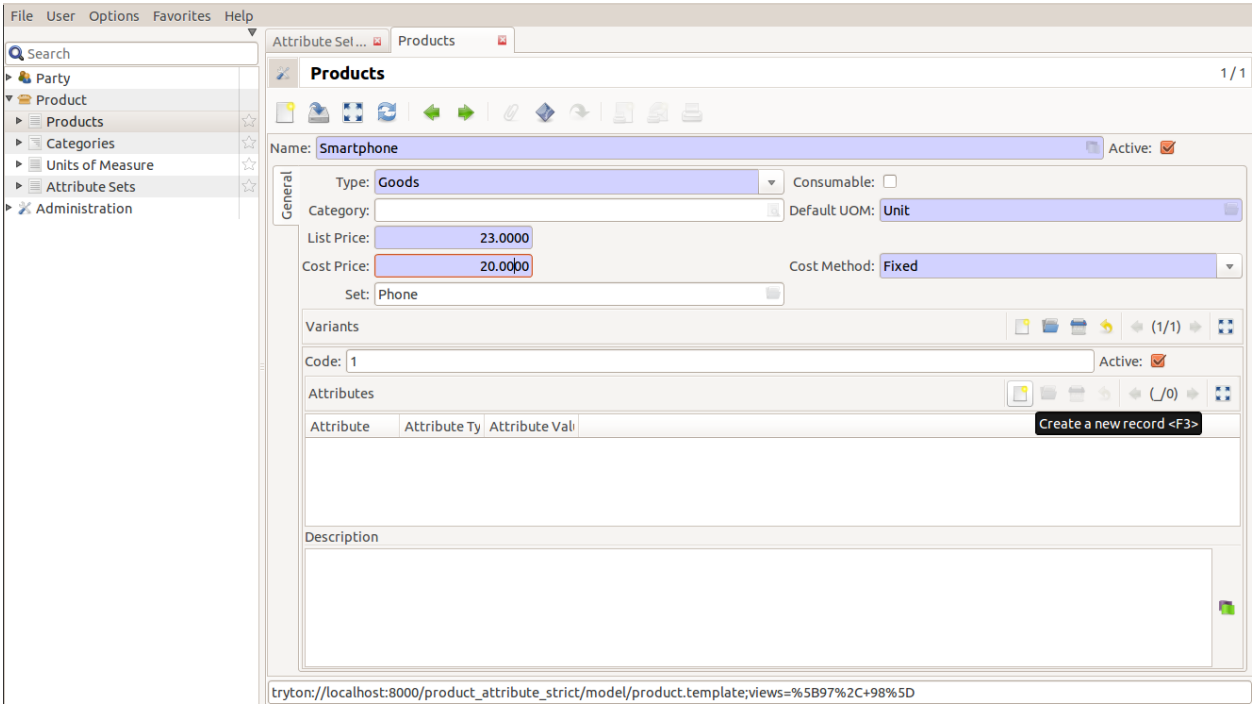
Attribute Sets
Administration
Attribute Sel...
Products
Products
1 / 1
Search
Filters
Search
Name
Phone
Cancel
Find
New
OK


File User Options Favorites Help
Search
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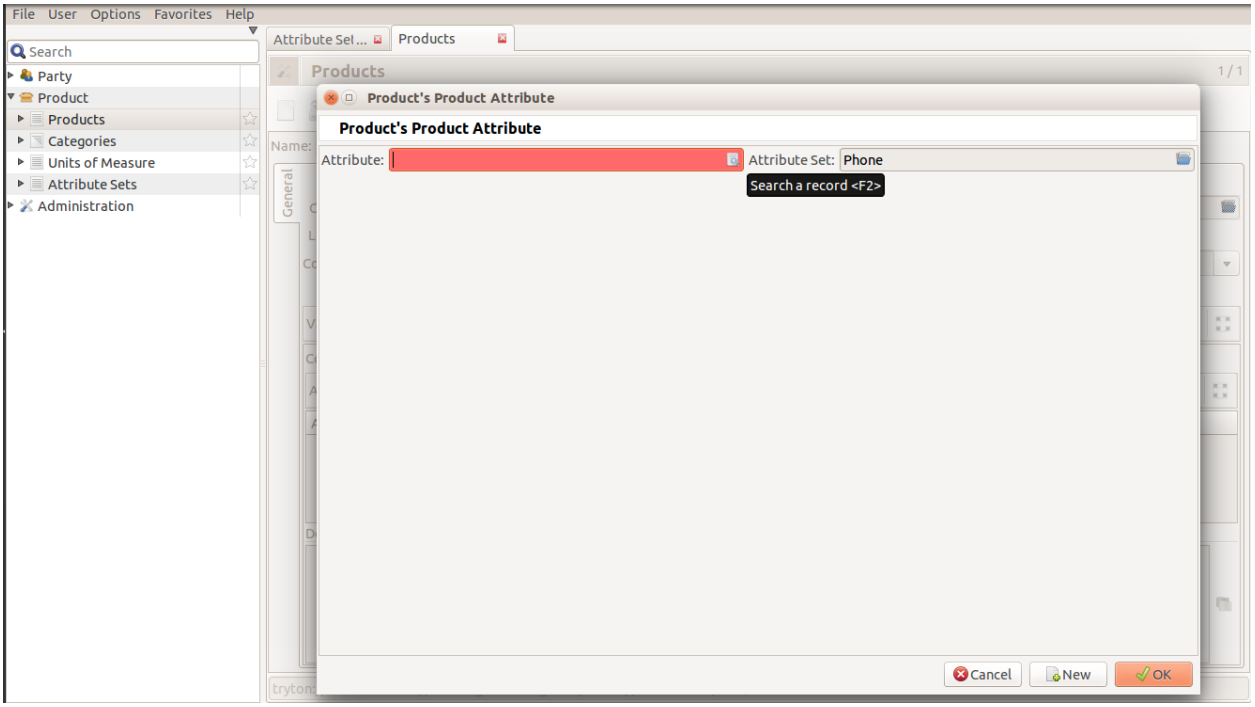
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel ...
Products
Products
1 / 1
Name: Smartphone
Active:
General
Type: Goods
Consumable:
Category:
Default UOM: Unit
List Price: 23.0000
Cost Price: 20.0000
Cost Method: Fixed
Set: Phone
Variants
(1/1)
Code: 1
Active:
Attributes
(_/0)
Attribute
Attribute Ty
Attribute Val
Create a new record <F3>
Description
tryton://localhost:8000/product_attribute_strict/model/product.template;views=%5B97%2C+98%5D


File User Options Favorites Help
Search
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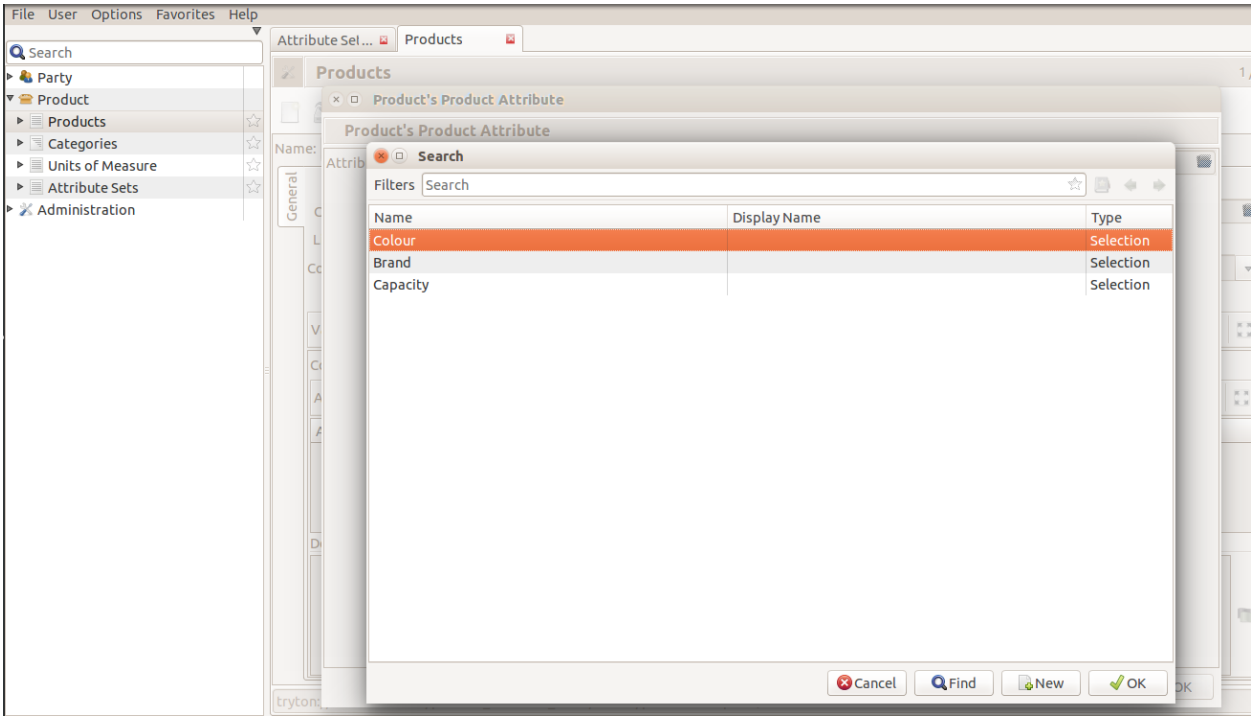
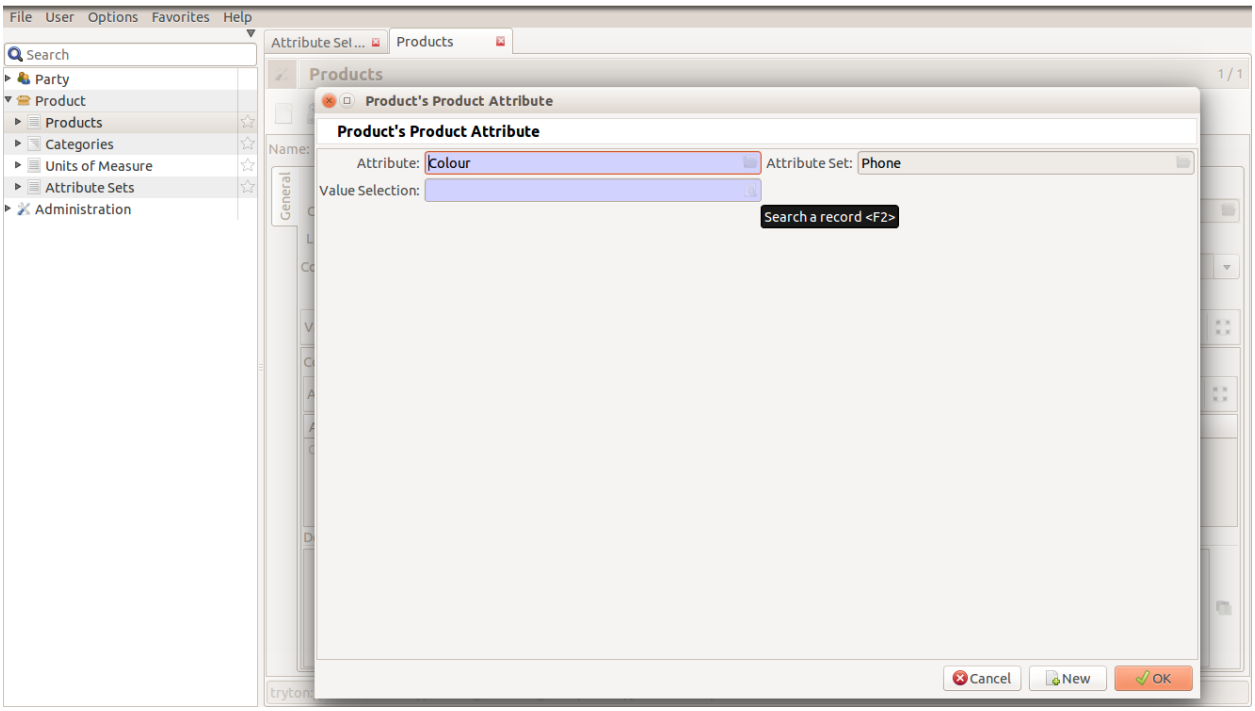
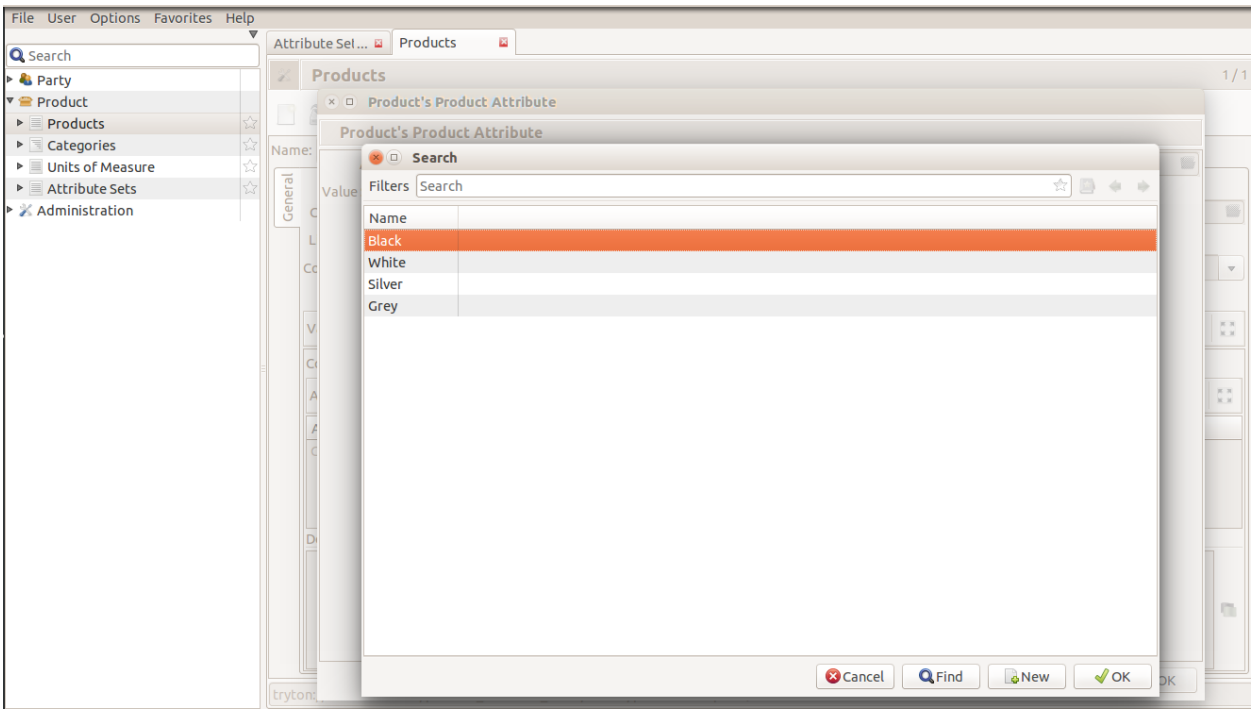
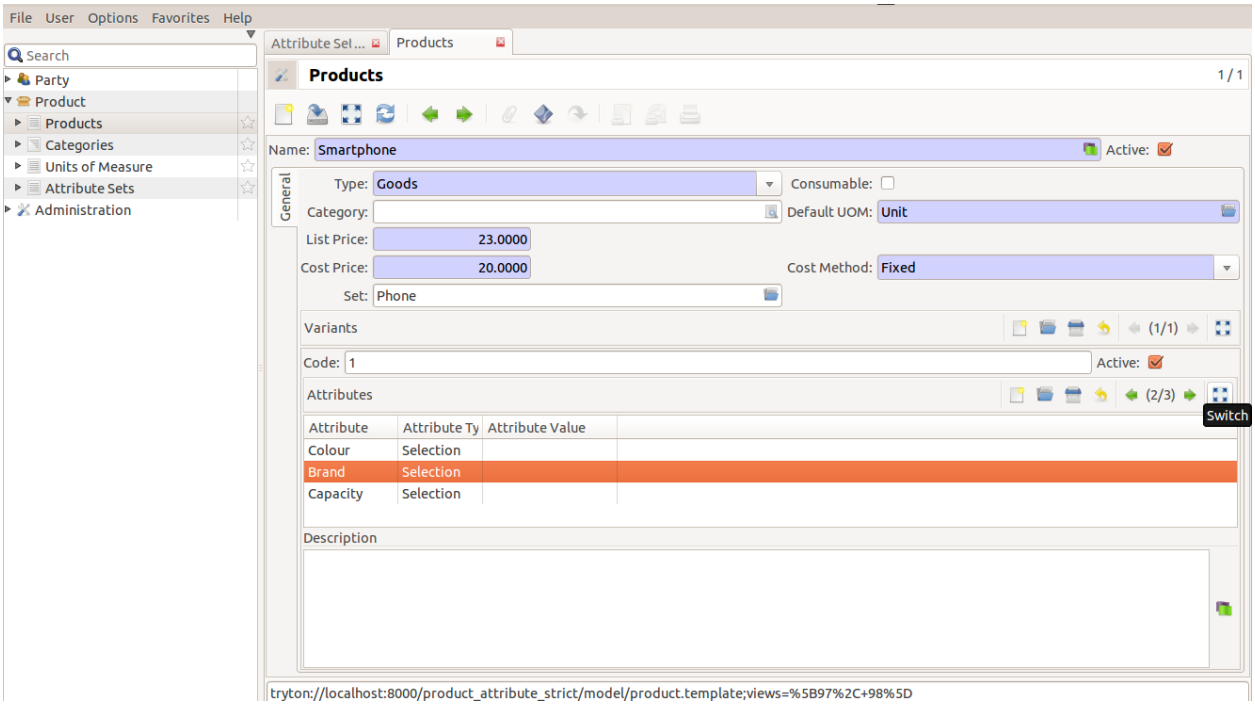
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel ...
Products
Products
1 / 1
Product's Product Attribute
Product's Product Attribute
Attribute:
Attribute Set: Phone
Search a record <F2>
Cancel
New
OK

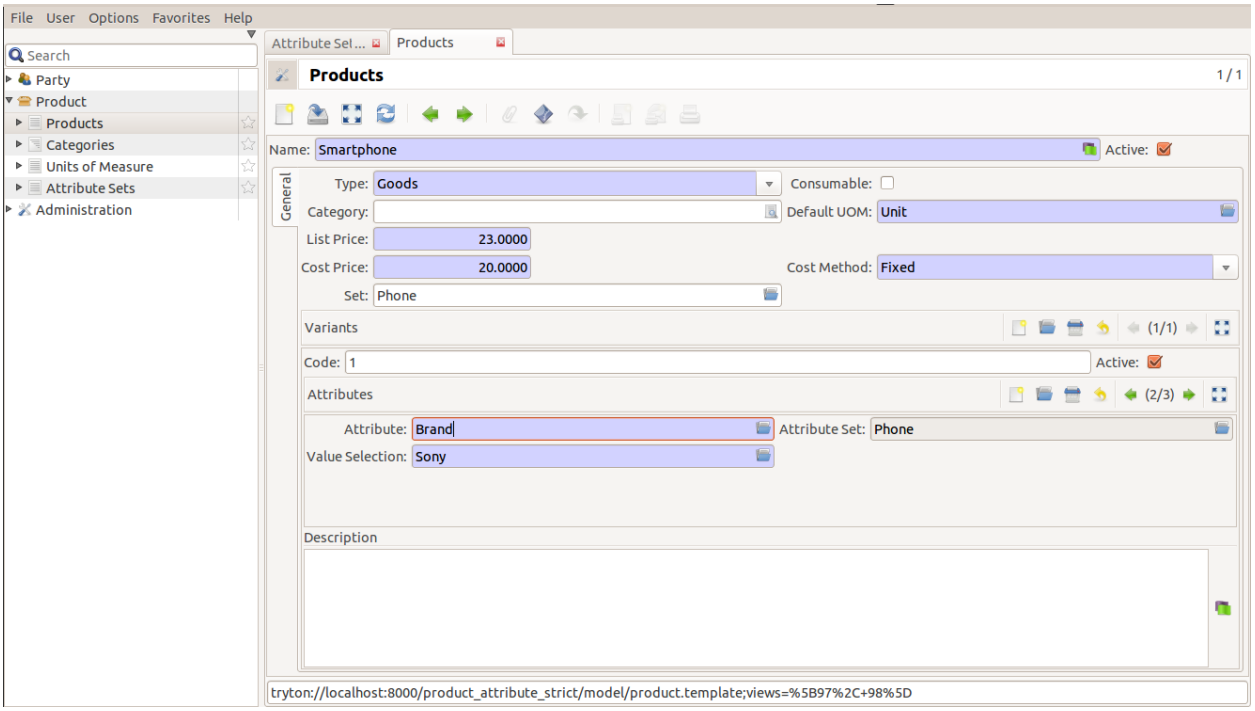

File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Products
Products
Product's Product Attribute
Product's Product Attribute
Search
Filters
Search
Name
Display Name
Type
Colour
Selection
Brand
Selection
Capacity
Selection
Cancel
Find
New
OK


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Products
Products
1 / 1
Product's Product Attribute
Product's Product Attribute
Attribute:
Colour
Attribute Set:
Phone
Value Selection:
Search a record <F2>
Cancel
New
OK



15. If you Switch views, you can see the specifications you selected.


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Products
Products
1 / 1
Name: Smartphone
Active:
General
Type: Goods
Consumable:
Category:
Default UOM: Unit
List Price: 23.0000
Cost Price: 20.0000
Cost Method: Fixed
Set: Phone
Variants
(1/1)
Code: 1
Active:
Attributes
(2/3)
Switch
Attribute
Attribute Ty
Attribute Value
Colour
Selection
Brand
Selection
Capacity
Selection
Description
tryton://localhost:8000/product_attribute_strict/model/product.template;views=%5B97%2C+98%5D


File User Options Favorites Help
Search
Party
Product
Products
Categories
Units of Measure
Attribute Sets
Administration
Attribute Sel...
Products
Products
1 / 1
Name: Smartphone
Active:
General
Type: Goods
Consumable:
Category:
Default UOM: Unit
List Price: 23.0000
Cost Price: 20.0000
Cost Method: Fixed
Set: Phone
Variants
(1/1)
Code: 1
Active:
Attributes
(2/3)
Attribute: Brand
Attribute Set: Phone
Value Selection: Sony
Description
tryton://localhost:8000/product_attribute_strict/model/product.template;views=%5B97%2C+98%5D

CHAPTER 2

Indices and tables

- *genindex*
- *modindex*
- *search*