

Requirement:

Add a new attribute called alias to the Product model and display it on the apparel storefront.

We all know that most of the product attributes are indexed which means they will be retrieved from the Solr when we do the search of a product.

Let's also include alias in the indexing process so that it will be retrieved while searching the Product.

Implementation steps for the above requirement

Step 1

Add a new attribute called alias to the Product model

```
<itemtype code="Product" autocreate="false" generate="false">
    <attributes>
        <attribute autocreate="true" qualifier="alias"
type="java.lang.String"
                                generate="true">
                                <persistence type="property" />
                                <modifiers read="true" write="true" search="true"
                                initial="true" optional="true"
unique="false" />
        </attribute>
    </attributes>
</itemtype>
```

Step 2

Build and update the system

Do ant all and update system by selecting trainingcore only ,so that newly added attribute will be available in Model class as well as DB.

Step 3

Add the new attribute alias in the solr.impex file for indexing as below

```
# impex for indexing alias attribute
INSERT_UPDATE SolrIndexedProperty;solrIndexedType(identifier)
[unique=true];name[unique=true];type(code);sortableType(code);currency[default=false];lo
calized[default=false];multiValue[default=false];useForSpellchecking[default=false];useFor
Autocomplete[default=false];fieldValueProvider;valueProviderParameter
;$solrIndexedType; alias ;string ; ; ; ;true;true; ;
```

We have added alias as the indexed property.

Since this attribute is of basic String type, we don't need to provide value provider for the same.

We have also made useForSpellchecking & useForAutocomplete as true so that they sit in the Solr spellcheck and autocomplete dictionaries.

Note:

If you are indexing any localizing property then you need to add that field inside each localized solr impex file

Step 4

Add the sample data for alias attribute to one of the existing products as below

hybris\bin\ext-

data\apparelstore\resources\electronicsstore\import\sampladata\productCatalogs\apparelProductCatalog\products.impex

Impex for adding sample data

```
INSERT_UPDATE Product;code[unique=true];  
$catalogVersion;unit(code);supercategories(code,  
$catalogVersion);varianttype(code);$approved;  
$taxGroup;ean;genders(code);alias  
;300441142;;pieces;Blue Tomato,caps;;;1022436212;MALE; alias for blue  
cap
```

we have added the alias value as alias for blue cap

After running this impex , verify the alias in backoffice under the same product , it should reflect the new value for alias.

Backoffice->Catalog->Products->search-> enter the value for Article Number "xxxxxx"

Select the product and open administration tab, you should have alias with new value.

Note:

Make sure you do this for online version, if doing it for staged version then don't forget to synchronize the product catalog.