

Product Catalogs

You take any eComm site – There will be mainly 2 important things: -

1) Products

2) Content

For product purpose – We will have “**Product Catalogs**”.

SAP Comm provides “**OOTB**” Data models [“Catalogs ... Categories ... Products ... Classifications”] for product modeling.

We do **not remove** any “SAP Comm” provided data models if something is not required for your client.

We can **add additional** attributes specific to your client site. “SAP Comm” is giving flexibility for this.

Assume that – Product table is given for us with 45 Cols.

Q1 = Are we going to use all those 45 Cols for your company? = May / May not be.

==== If we don't want any table (or) columns for your company then do not remove those [instead just leave those].

Q2 = Do you think that “SAP Comm” provided 45 Cols sufficient for your company? = We may add more.

==== “SAP Comm” giving is the flexible flexibility to add / modify Col (or) add / modify tables.

SAP Comm also provides – **OOTB features** – For “i18N Features / Internalization”: -

Q = What are the **OOTB – Core i18N** Features in Hybris?

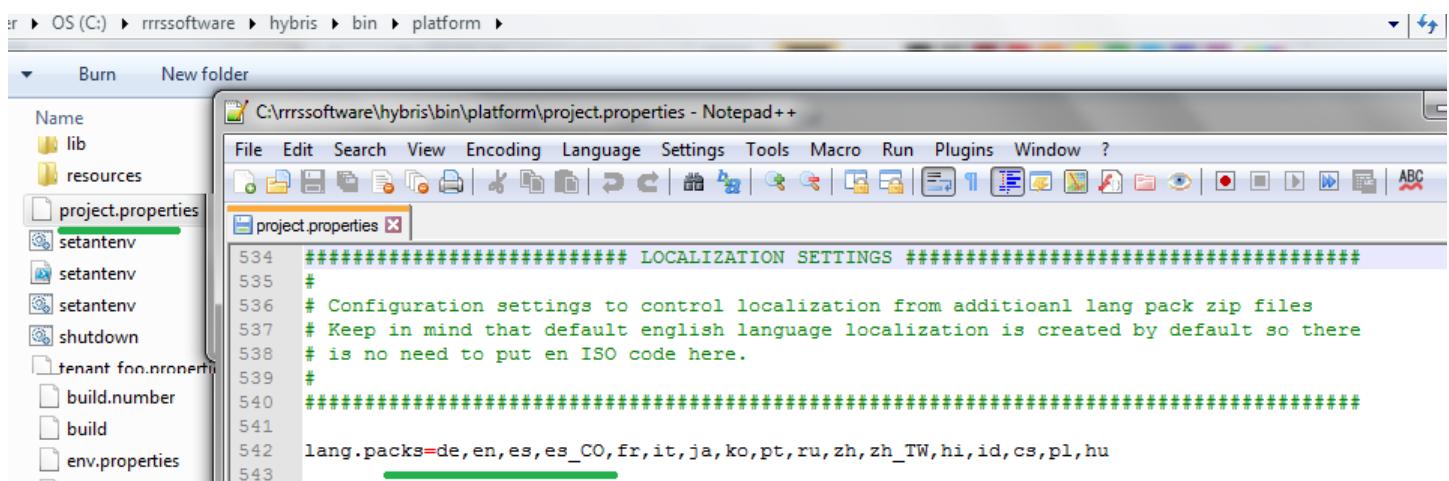
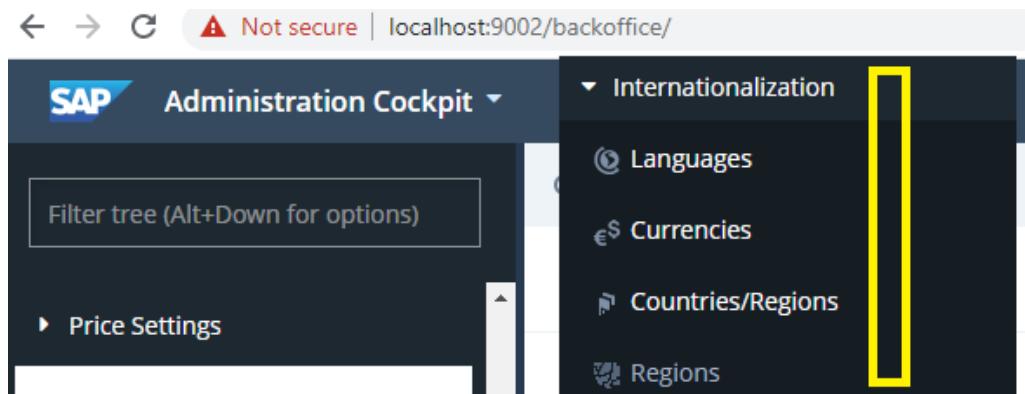
1) Languages 2) Countries

3) Regions

4) Currencies

5) Number Formats / Number Series and

From Backoffice =



Note = hMC is the tool available till **6.6** version.

From Hybris 6.7, there is no hMC (**deprecated**).

== So, **hMC** alternate is **Backoffice**.

Scenario = You arrived into Restaurant & I am giving below menu. Are U happy with this?

Restaurant - Menu = eComm – Catalog

C 65	Sweet Po	Veg M
Gobi 65	Curd R	Pickle C.
B. Milk	Pepsi	Soda
M 65	Veg M.	
Kova	M 2020	
Veg B	Water	
Chi B	Naan	
Mu B	Chi C	
Panner	Chi M	

C 65
Gobi 65 Are you happy with this
B. Milk Menu = No.
M 65 Why?
Kova If you Veg guy then
Veg B what is the point of
Chi B visiting Non Veg items.
Mu B
Panner If you want to take
Sweet Po some sweet, then what
Curd R is the point of visiting
Pepsi Veg & Non-Veg items.
Veg M.
M 2020 That means, in this
Water case, we are searching
Naan for items like Linear
Chi C Search Algorithm.
Chi M
Veg M Linear Search Algo.
Pickle C. Complexity = O(N)
Soda

Note: - Whenever we design menu, you need to design such way that, user should reach the items in shortest path (Like -- Binary Search Algo = $O(\log n)$).

Q = Then what is the Solution?
Ans =

Menu: -	Veg	Non-Veg
	Starters	Starters
	====	====
	Main Course	Main Course
	====	====
	Desserts	Desserts
	====	====

In above – We created menu like **linear search algorithm [O(N)]**.

That means, we are visiting all items (Longest path). **Complexity = O(N)**.

Q = What should be our goal [What we should keep in our mind] to design good menu / catalog?

We need to design the menu such way that, user / customer should reach the items in **Shortest Path** (like – **Binary Search Algorithm**).

Binary Search Algorithm Complexity = **O ($\log n$)**

Scenario = You have lots of money.

You want to buy Samsung TV.

You went store. In Store there are Samsung TV.

Store people are ready to sell. Can U buy Samsung TV? = **No.**

Q1 = He will ask, What Samsung TV (LCD, LED / 4K)? = **4K**

Q2 = He will ask, Samsung TV 4K with 32Inch, 64Inc? = **64 Inc**

Q3 = He will ask, Samsung TV 4K 64 Inc with Curve ... / Normal... = **Curve**

==== You will be able to buy a product with variants.

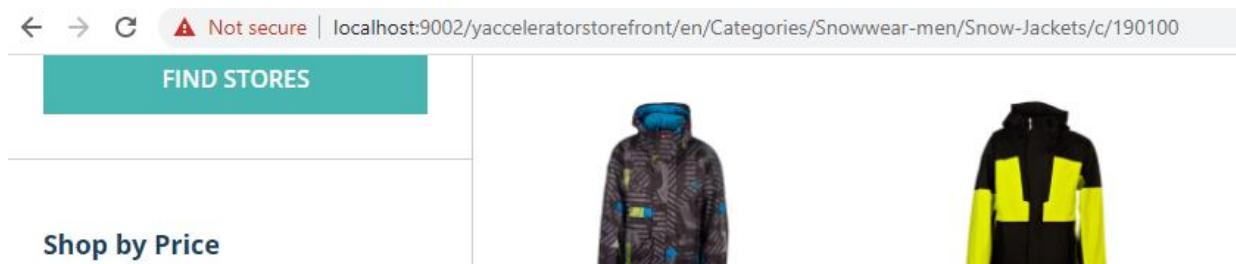
That means – Variant product is sellable.

Q = Can we have eComm site where base products sellable?

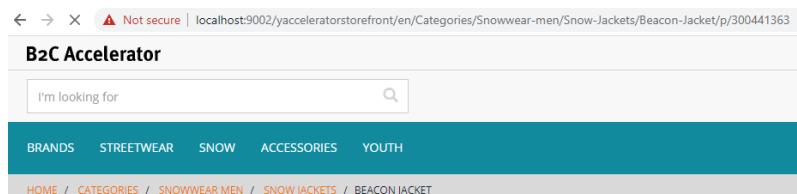
Ans = Yes.

General conclusion =

Category page [PLP] = Will have base products.

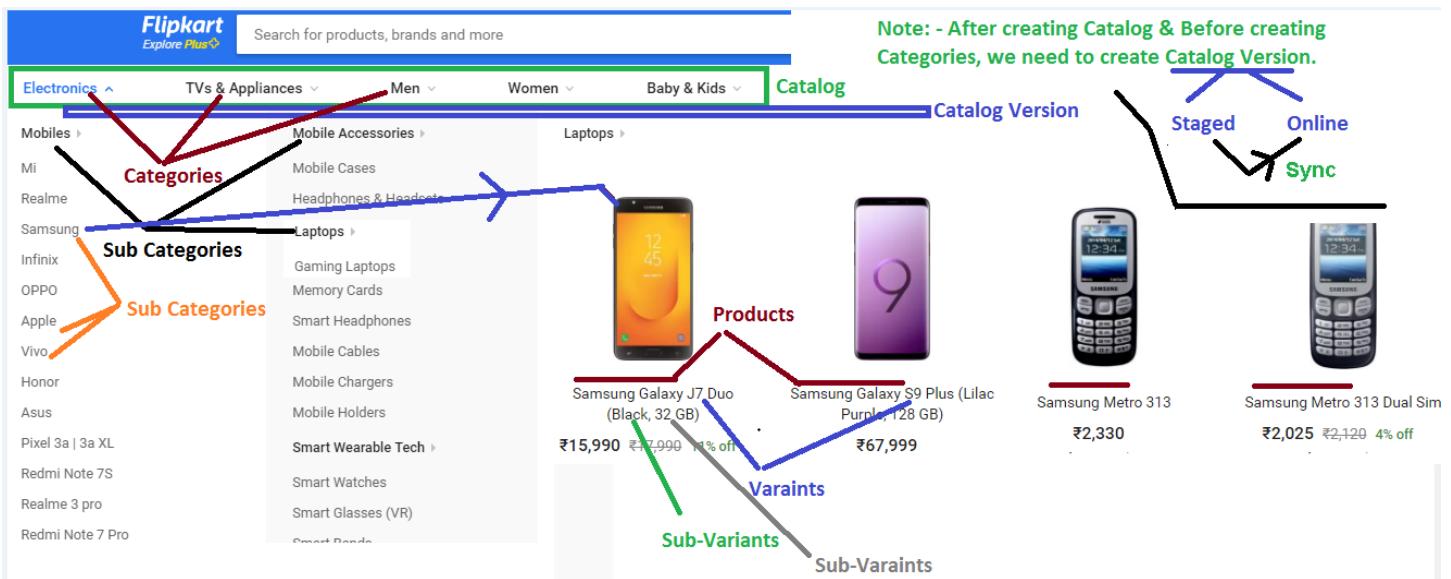


Product page [PDP] = Will have variant products.



Product review summary

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Q = What are the “Product Catalog” Jargons?

- 1) Catalog = Product Catalog, Content Catalogs & Classification
- 2) Catalog Version = Staged & Online
- 3) Categories
- 4) Sub Categories = We can have N number sub categories
- 5) Products
- 6) Variants
- 7) Sub Variants = We can have N number sub variants
- 8) Sync = Can be **manually** (or) Can be by using **Cronjobs**

Note = In SAP Comm, we can see option create categories.

There is **no option** for us to create the **Sub-Categories**.

In SAP Comm = All Sub-categories also simply **categories**. But for sub-categories you mention **super-category** value.

Means, if any YYY category having super category value mentioned, then that YYY is called “**Sub-Category**”.

In eComm world → We can have “N Number of Sub-Categories”.

Note = In SAP Comm, we can see option create Variants.

There is **no option** for us to create the Sub-Variants.

In SAP Comm = All Sub-Variants also simply **Variants**. But for Sub-Variants we will mention “Product Variant” value.

Means, if any YYY Variants having Product Variant value mentioned, then that YYY is called “**Sub - Variant**”.

In eComm world → We can have “N Number of Sub-Variants”.

Note = After creating the Catalog, we create “**Catalog Version**”.

Q1 = Can we create >2 Catalog versions? = Yes

Q2 = Can we give different name for Catalog version? =

After installing “SAP Comm” – We get “80% Code ... 80% Fun ... 80% Site”. These are using “Staged & Online” concept.

== Follow the best practice = Staged & Online.

Scenario = Why we need Catalog versions [Staged & Online]?

Let's say – iPhone 12 is released today.

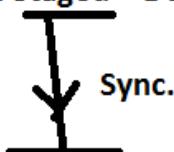
Q = Are we putting iPhone 12 directly in eComm Site [Live Site].

(or) 1st we create product ... add description ... add price ... add summary ... send it approvals Like this we perform many activities & after all those completed then we put in eComm Site [Live Site].

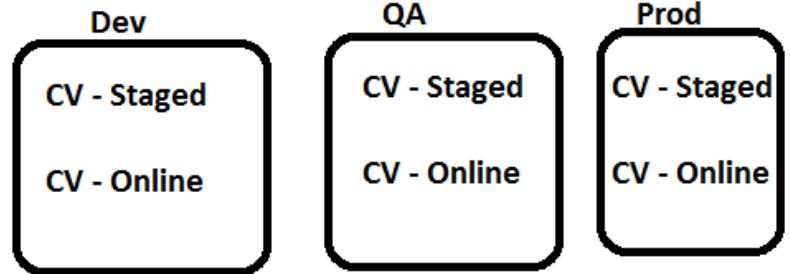
To do all those [Green colored] - We need some place = **Staged**.

Once we feel everything is good then moving Staged version data to Online version is called “**Synchronization**”.

Catalog Version Staged = Dev Env.



Catalog Version Online = Prod Env.



Scenario = eComm Site (or) Website uses “**Online version data**”. **Bcoz?**

Ans = Product Catalog Version [Online] -- Is active **catalog version** = **TRUE**

Beacon Jacket lime XXL | Snow J... SAP CX Backoffice

localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Beacon-Jacket/p/300441363

B2C Accelerator Apparel UK Website

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / CATEGORIES / SNOWWEAR.MEN / SNOWJACKETS / BEACON JACKET

Beacon Jacket lime XXL | ID 300441363

Product review summary

★★★★★ | Write a Review

WCMS Website

Page Type

Page Template

Content Slot Re...

Template

Page

Content Slot

SAVED QUERIES

Apparel Site UK

PROPERTIES WCMS PROPERTIES PERSONALIZATION ADMINISTRATION

Base Stores

ID	Name
apparel-uk	Apparel Site UK

Default Catalog

ID	Name
	Apparel Product Catalog

System

Catalog

Catalogs

Catalog Versions

Categories

Products

Product Variant Types

Units

Saved Queries

No queries

Catalog

Catalogs

Catalog Versions

Apparel Product Catalog

COMMON ADMINISTRATION

Catalog Versions

Apparel Product Catalog : Staged

Apparel Product Catalog : Online

+ Create new Catalog version

Edit item Apparel Product Catalog : Online

CATALOG VERSION CONTENT CATALOG VERSIONS PERM

ESSENTIAL

Catalog

Apparel Product Catalog

is active catalog version

True False

Scenario = Let's say – we have changes in Staged version & did not perform the Sync. Then how to see the results in storefront which are there in staged version?

That means – Before moving the changes to online ... We want to see the how to staged changes results looks?

Solution 1 = We can have separate storefront for Staged version data.

Solution 2 = We change Web Site catalog version to staged temporarily & test results.

Note = **Do this only in** Non Prod Env [Dev .. QA ... UAT]. Not in Prod Env.

Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Beacon-Jacket/p/300441363

B2C Accelerator

Coming from Online Version data

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / CATEGORIES / SNOWWEAR MEN / SNOW JACKETS / BEACON JACKET

Beacon Jacket lime XXL | ID 300441363

Step 1 = Do the product changes

Catalog

Catalogs

Catalog Versions

Categories

Products

Product Variant Types

Units

SAVED QUERIES

No queries

+ -

Article Number Identifier Status Catalog version

300441363 Beacon Jacket lime XXL Approved Apparel Product Catalog : Staged

0 ITEMS SELECTED

Beacon Jacket lime XXL [300441363] - Apparel Product Catalog : Staged

REFRESH SAVE

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK

Article Number Identifier Catalog version Approval

300441363 Chenna RRRS Apparel Product Catalog : Staged approved

Step 2 = Go to the Website & see the results

Coming from Online Version data

Changes are not coming

Beacon Jacket lime XXL | ID 300441363

Step 3 = Catalog Version [Staged] -- Is active catalog version = TRUE

Catalog

Catalogs

Catalog Versions

Categories

Products

Product Variant Types

Units

Apparel Product Catalog

Apparel Product Catalog : Staged

Apparel Product Catalog : Online

is active catalog version

True

Apparel Product Catalog : Staged

Step 4 = Go to the Website & see the results

Now this website is pointing staged version data

Changes are coming

Chenna RRRS - Beacon Jacket lime XXL | ID 300441363

Note = Change Product Catalog Versions in hMC

Step 1

Step 2

Step 3

Step 4

Site is Pointed Online

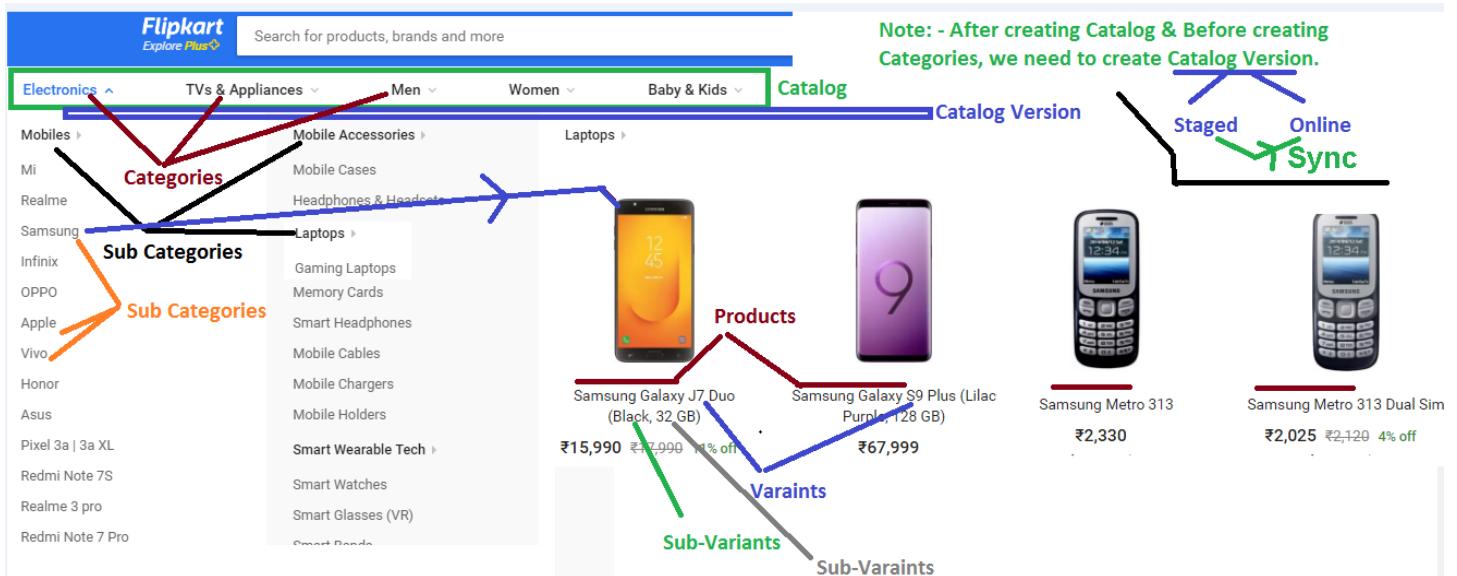
Site is Pointed to Staged

Q = Where can we do product catalogs (Creating Catalog, Categories, Products, Variants ...)?

- 1) Backoffice
- 2) Product Cockpit
- 3) ImpEx [Coding]

	Backoffice	Product Cockpit
Product Create Catalog	Yes	No
Create Catalog Version	Yes	Yes
Create Categories	Yes	Yes
Product ... Variants	Yes	Yes
Who uses	Admin / Testing / Fun / Developemnt	Testing / Fun / Business / PM's

Scenario = Product Catalogs “End – End” Example.



Step 1 = Create Product Catalog (Name = RRRSPC)

The screenshot shows the hybris Backoffice interface with the following details:

- URL:** localhost:9002/backoffice/
- Commerce Administration:** The main navigation bar includes links for Administration, System, Catalog, Catalogs, Catalog Versions, Categories, Products, Product Variant Types, and Units.
- Create New Catalog:** A modal window titled "Create New Catalog" is open, with the sub-section "GIVE NAME TO THE CATALOG". It contains fields for "ID" (set to "RRRSPC") and "Name" (set to "RRRS PC").
- Default catalog in the system:** Radio button options are available for "True" (selected), "False", and "N/A".
- Buttons:** "CANCEL" and "DONE" buttons are at the bottom right of the modal.

Note = Created product catalog (RRRSPC) is stored in DB.

Q = How to see the tables data? = Example = Catalog table data

Solution 1 = Use 3rd party tools [Squirrel] & connect to DB.

The screenshot shows the Squirrel Tool interface. On the left, there is a tree view of database schemas: CAT2PRINCREL, CAT2PRINCREL613SN, CAT2PRODREL, CAT2PRODREL140SN, and CATALOGS. On the right, there is a results grid with two columns: C1 and 13. A green arrow points from the 'Catalog' node in the tree view to the results grid.

Solution 2 = Backoffice – Node & Sub node

The screenshot shows the Backoffice interface. On the left, there is a navigation tree with nodes: System, Catalog (expanded), Catalogs (selected), and Catalog Versions. On the right, there is a search results table with columns ID, Name, and RRRSPC. A green arrow points from the 'Catalogs' node in the tree view to the search results table.

Note = Sometimes we may not have “Node & Sub node” for the table. If this is the case then use **Solution 3**.

Solution 3 = Backoffice – System - Types

The screenshot shows the Backoffice interface. On the left, there is a navigation tree with nodes: type, System (expanded), Types (selected), Search and Navigation, Indexed Types, Backoffice (expanded), Catalog, and Product Variant Types. On the right, there is a search results table with columns ID, Name, and Results. A green arrow points from the 'Identifier' node in the tree view to the search results table. The results table shows two entries: RRRSPC and apparel-deContentCatalog.

Solution 4 = hAC

The screenshot shows the SAP FlexibleSearch interface. At the top, there are tabs: Platform, Monitoring, Maintenance, and Console, with Console being the active tab. Below the tabs, the title is "FlexibleSearch" and the subtitle is "Sol4 = From hAC". A sub-header "FlexibleSearch query" is followed by the SQL query: "select * from {catalog}". To the right, the results are displayed under the heading "FlexibleSearch". The search result tab is selected, showing the following details:

- Commit: OFF
- ch: [empty input field]
- Filtering columns: ING, PK, SEALED, P_ID, P_ACTIVECATALOGVERSION, P_DEFAULT
- Result table:

ING	PK	SEALED	P_ID	P_ACTIVECATALOGVERSION	P_DEFAULT
	8796125823576		RRRSPO		0

Soltuion 5 = Product Cockpit

The screenshot shows the SAP Product Cockpit interface. The top navigation bar includes back, forward, and refresh icons, followed by a warning message "Not secure | localhost:9002/backoffice/" and the title "Product Cockpit". On the left, a vertical sidebar displays icons for All catalogs, Products, and other navigation links. The main area shows a catalog tree under "All catalogs":

- RRRS PC (selected)
- Staged
- Online

A large green checkmark is overlaid on the "RRRS PC" node. A green annotation "Sol5 = Product Cockpit" is written vertically next to the catalog tree. The right side of the screen shows a products list with a blue checkmark icon.

Step 2 = Create Catalog Versions [Staged & Online].

Create New Catalog version

GIVE NAME TO THE CATALOG VERSION

Catalog Version:

Staged

Catalog:

RRRS PC

DONE

Note = Repeat above step for Online Version also.

Results =

Catalog	Catalog Version	is active catalog versi...
RRRS PC	Online	false
RRRS PC	Staged	false

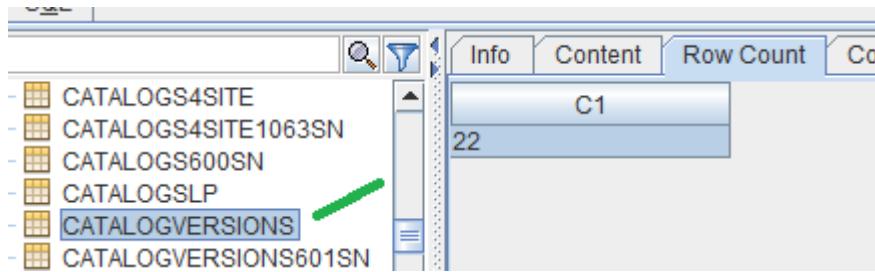
Note = Now it's time to make 1 catalog version as **active = true**.

Whatever catalog version is **active = true**, that is used by the **Website**.

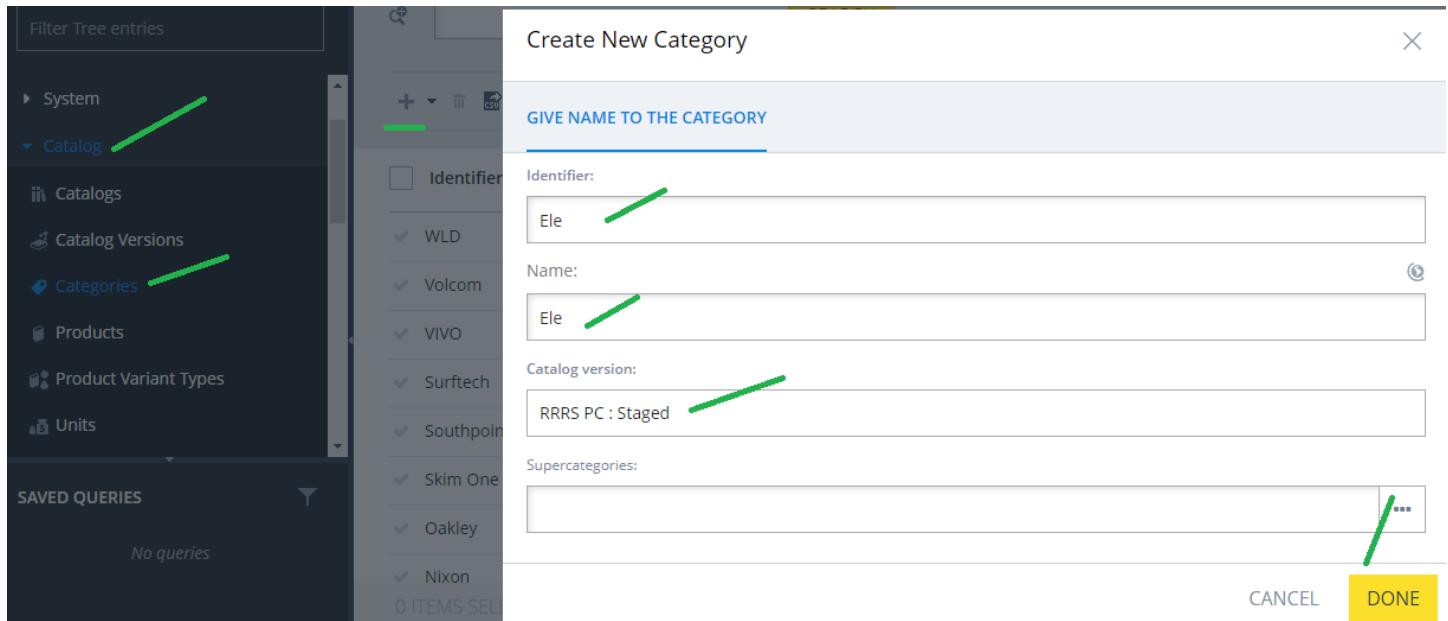
Generally, we have made “**online version**” as **active = true**.

Catalog	Catalog Version	is active catalog versi...
RRRS PC	Online	true
RRRS PC	Staged	false

Note = Created catalog version will be stored “CatalogVersions” table.

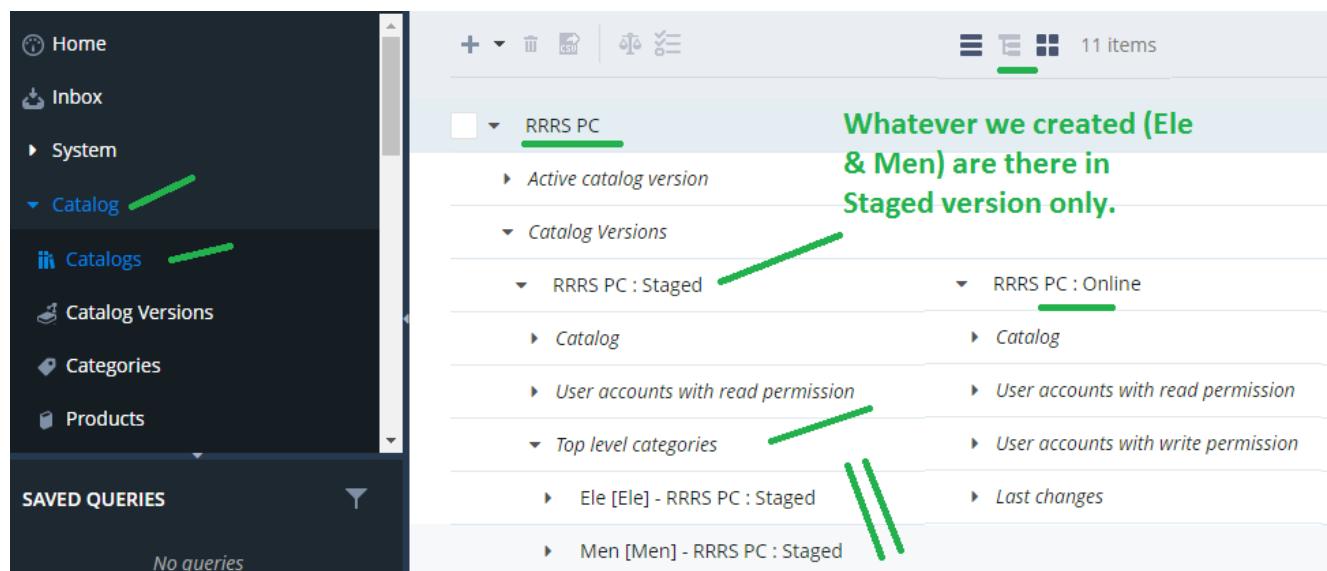


Step 3 = Create 2 Categories (Name those as = Ele & Men)



Note = Repeat this step for creating Men Category also.

Results =



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Step 4 = Create 2 Sub-Categories (Name those as = **Mobiles & Laptops**).

Keep these sub-categories under **Electronics** category.

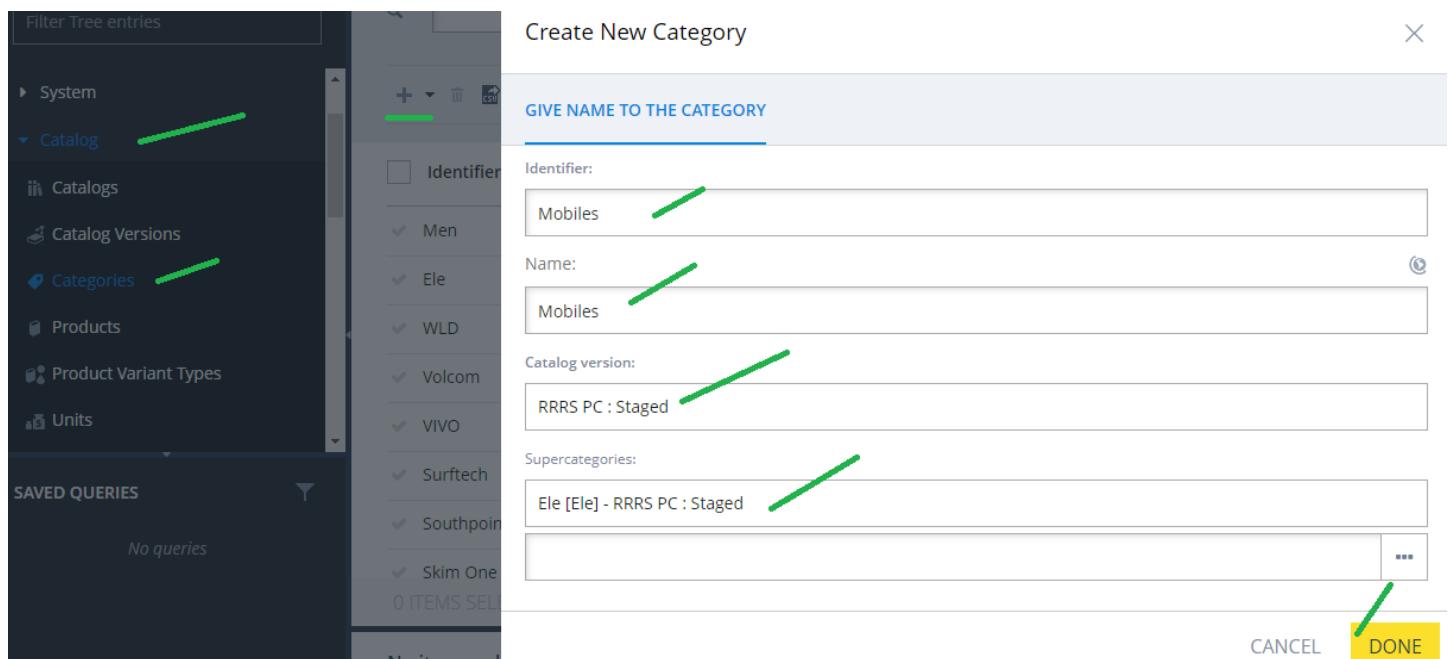
Note = In SAP Comm we don't see option to create Sub-Categories.

In SAP Comm – All Sub-Categories (SC) also simply called as Categories.

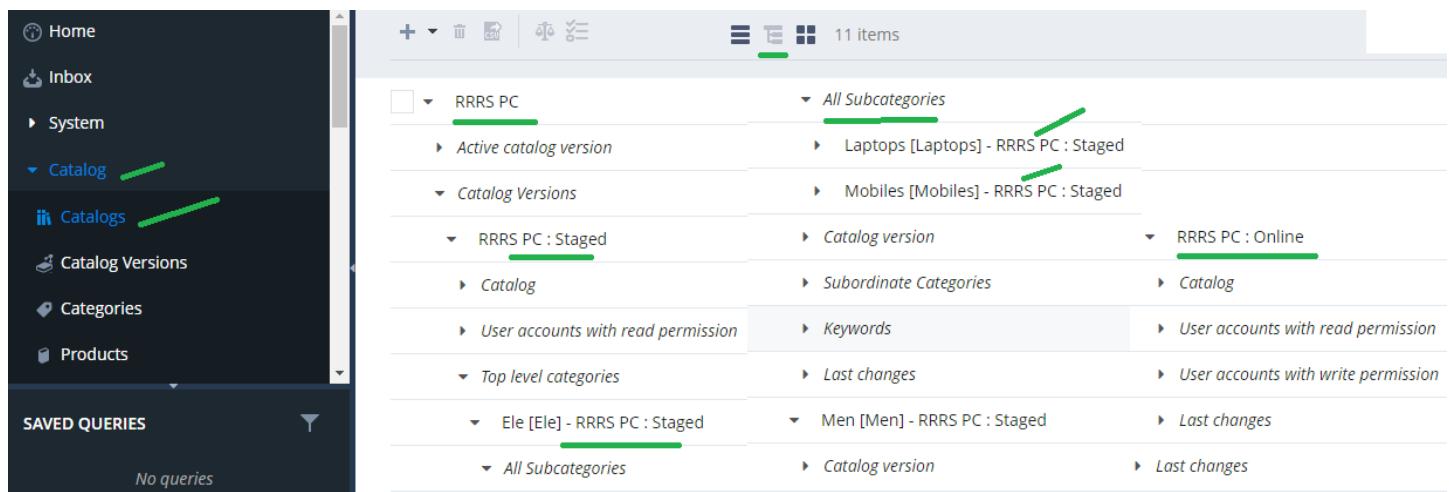
While creating YYY category, if we specify Super Categories value: -

Then -- YYY is called as "**Sub – Category**".

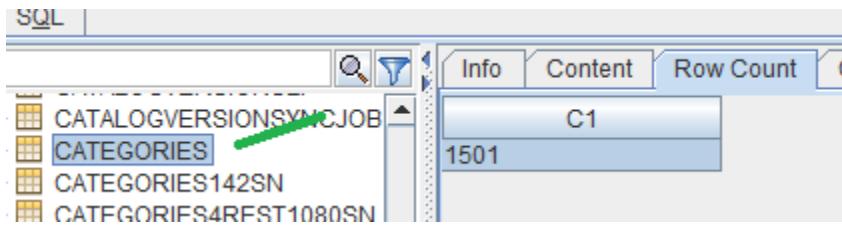
Else – YYY is called as "**Category**".



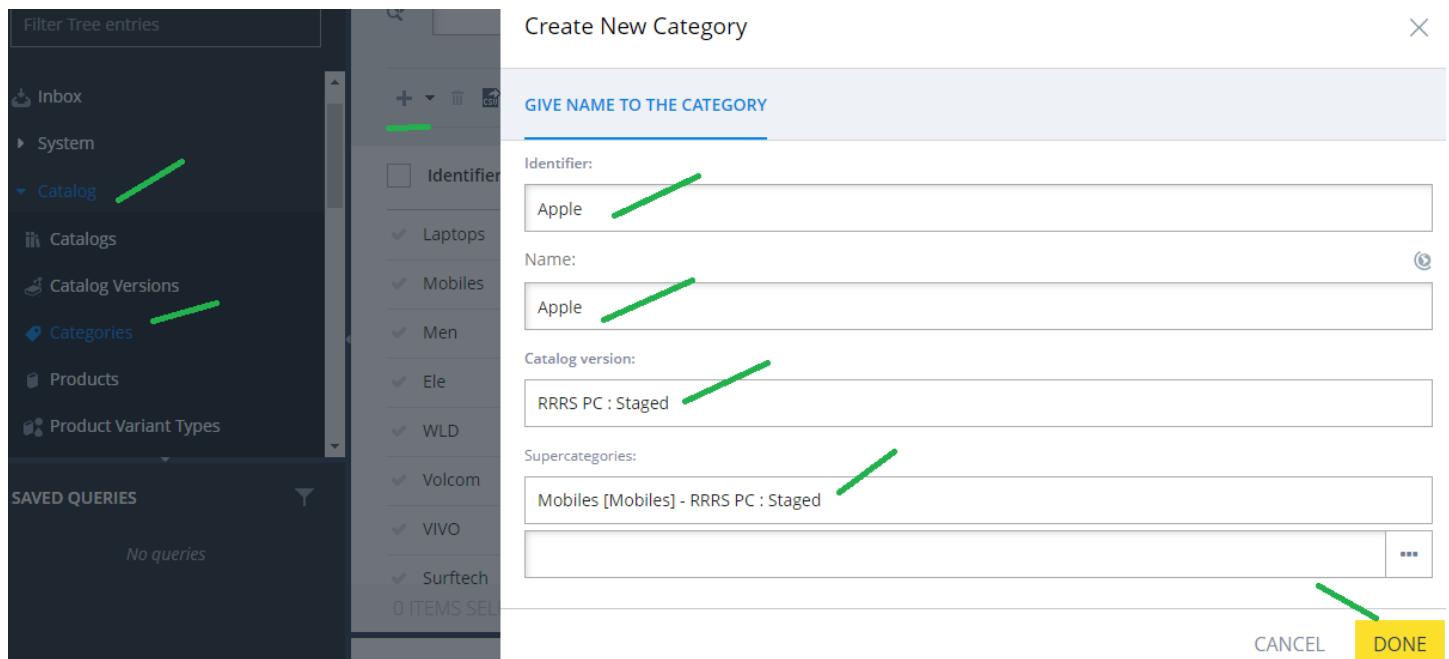
Note = Repeat this step for creating "**Laptops**" Sub-Category also.



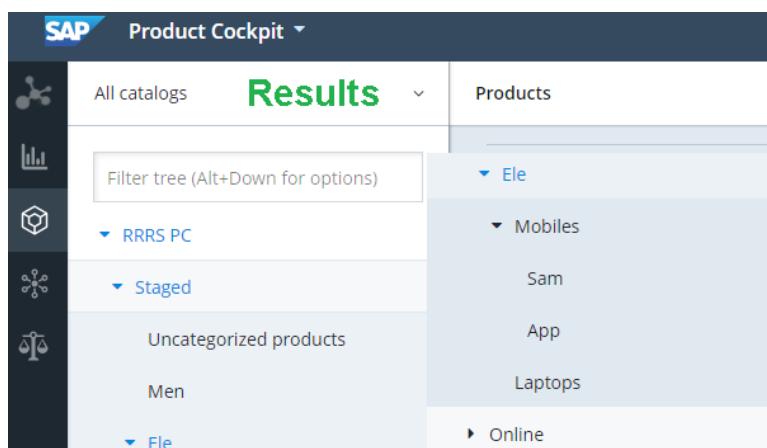
Note = Categories & Sub-Categories --- Both will be stored in “Categories” table only.



Step 5 = Create another 2 Sub-Categories (Name those as = App & Sam).
Keep these sub-categories under **Mobile** Sub-Category.



Note = Repeat above step for creating another sub-category = Sam



Step 6 = Create 2 Products (Name those as = SGalax & SNote).

Keep these products under “Samsung” sub-category.

Create New Product

ESSENTIALS All required fields > DESCRIPTION Identifiers and descriptions > CATEGORIZATION Assign to categories > MEDIA Create media content

Article Number: SGalax

Approval: check

Catalog version: RRRS PC : Staged

NEXT DONE

DESCRIPTION Identifiers and descriptions

Identifier: SGalax

Description:

Creating 1st Product

NEXT DONE

CATEGORIZATION Assign to categories

Please select which categories the product should be assigned

Supercategories: Samsung [Samsung] - RRRS PC : Staged

DONE

Note = Repeat above step for creating another Product = SNote

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Results =

The screenshot shows the Jalo interface. On the left, the Catalog tree is visible with nodes: System, Catalog, Catalogs, Catalog Versions, Categories, Products, and Product Variant Types. The 'Catalog' node is expanded, and 'Products' is selected. On the right, a table lists products with columns: Article Number..., Identifier, Status, and Catalog version. Two entries are shown: SGalax (Identifier: SGalax, Status: RRRS PC : Staged) and SNote (Identifier: SNote, Status: RRRS PC : Staged). A green arrow points from the 'Products' node in the tree to the 'Products' table.

Article Number...	Identifier	Status	Catalog version
SGalax	SGalax	RRRS PC : Staged	
SNote	SNote	RRRS PC : Staged	

Note = Created Products will be stored in “**Products**” table.

Step 7 = Create Variant Type [Name = **RRRSPCVT**]

The screenshot shows the creation of a new Product Variant Type. The left sidebar shows the Catalog tree with 'Product Variant Types' selected. The main area displays the 'Create New Product Variant Type' dialog. The 'Identifier' field is set to 'RRRSPCVT'. A green arrow points from the 'Identifier' field to the 'Done' button. Other fields include 'Autocreate' (True), 'Jalo-Only' (False), 'is repository capable' (True), 'Singleton' (True), 'Time created' (May 19, 2021 2:29:54 AM), 'System type' (False), and 'Generate code' (True). A green arrow also points from the 'Done' button.

Create New Product Variant Type

MANDATORY VALUES

Autocreate: True False

Jalo-Only: True False

is repository capable: True False

Singleton: True False

Identifier: **RRRSPCVT**

Time created: May 19, 2021 2:29:54 AM

System type: True False

Generate code: True False

Done

The screenshot shows the list of existing Product Variant Types. The left sidebar shows the Catalog tree with 'Product Variant Types' selected. The main area displays a table with columns: Identifier, Name, and Extensionname. Several entries are listed: ApparelSizeVariantProduct (Identifier: OOTB, Name: Apparel Size Variant, Extensionname: yacceleratorcore), ApparelStyleVariantProduct (Identifier: OOTB, Name: Apparel Style Variant, Extensionname: yacceleratorcore), ElectronicsColorVariantProduct (Identifier: OOTB, Name: Electronics Color Variant, Extensionname: yacceleratorcore), GenericVariantProduct (Identifier: OOTB, Name: Generic Variant Product, Extensionname: basecommerce), and MockVariantProduct (Identifier: OOTB, Name: Mock Variant Product, Extensionname: sapproductconfigservices). A green arrow points from the 'Identifier' column header to the 'OOTB' entry.

Identifier	Name	Extensionname
ApparelSizeVariantProduct	Apparel Size Variant	yacceleratorcore
ApparelStyleVariantProduct	Apparel Style Variant	yacceleratorcore
ElectronicsColorVariantProduct	Electronics Color Variant	yacceleratorcore
GenericVariantProduct	Generic Variant Product	basecommerce
MockVariantProduct	Mock Variant Product	sapproductconfigservices

Step 8 = Create product variants [SGalaxJ5 & SGalaxJ7]

The screenshot shows the RRRS application interface. On the left, there is a sidebar with a 'Catalog' section highlighted. Under 'Catalogs', there are 'Catalog Versions', 'Categories', and 'Products' (which is also highlighted). Below these are 'Product Variant Type', 'Units', and 'Keywords'. A 'SAVED QUERIES' section follows, stating 'No queries found'. The main area shows a catalog entry for 'SGalax [SGalax] - RRRS PC 1 : Staged'. The 'VARIANTS' tab is selected. A modal window titled 'SGalax [SGalax] - RRRS PC 1 : Staged' is open, showing two variant entries: 'SGalax' and 'SGalax'. At the bottom right of the modal is a green 'Save' button. Below the main catalog entry, there is a 'Create New RRRSPCVT' button.

This screenshot shows the 'Create New RRRSPCVT' dialog. It has tabs for 'ESSENTIALS' (selected) and 'DESCRIPTION'. The 'ESSENTIALS' tab requires fields: '[code]' (filled with 'SGalaxJ5'), '[approvalStatus]' (filled with 'check'), and 'Catalog Version' (selected as 'RRRS PC 1 : Staged'). The 'DESCRIPTION' tab is partially visible. A green arrow points from the '+ Create new RRRSPCVT' button in the main catalog view to this dialog. Another green arrow points to the 'Next' button at the bottom right of the dialog, which is followed by a green 'Done' arrow.

Note = Repeat above step for creating another Variant = SGalaxJ7

This screenshot shows the 'Create New RRRSPCVT' dialog again, this time for 'SGalaxJ7'. The 'ESSENTIALS' tab is selected, showing '[code]' filled with 'SGalaxJ7'. The 'DESCRIPTION' tab is partially visible. A green arrow points from the '+ Create new RRRSPCVT' button in the main catalog view to this dialog. Another green arrow points to the 'Next' button at the bottom right of the dialog, which is followed by a green 'Done' arrow.

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Step 9 = Create product sub - variants [SGalaxJ5B & SGalaxJ5W]

Note = Repeat above step for creating another Variant = **SGalaxJ5W**

Note = Like above ... We can create N Number of Sub – Variants.

Results =

Nothing is in Online version as we did everything in Staged version

Step 10 = Synchronization (Sync)

The process of moving Staged stuffs (data) into Online – Is called Sync.

Sync we can do in 2 ways: -

- 1) Manually
- 2) Cronjobs

Sync we can do in varies levels: -

- 1) Variant Sync
- 2) Product Sync
- 3) Category Sync
- 4) Catalog Version Sync

Q1 = Do we need to move always staged data to online (or) we can also online data to staged?

Ans = Yes, we can move online to staged.

But – Generally we follow the best practice = Staged to Online.

Q2 = Can we move one source [staged] to mulitple targets? = Possible.

Step 10.1 = Create the Sync Job

The screenshot shows the SAP ERP Catalogs interface. On the left, there's a sidebar with navigation links: Catalogs, Catalog Versions (which is selected and highlighted with a green box), Categories, Products, Product Variant Types, Units, Keywords, and Classification Systems. Below that is a section for SAVED QUERIES with the message "No queries". The main area has a toolbar with icons for creating, deleting, and filtering. A table lists catalog versions, with one row for "RRRS PC" marked as "Staged". Below the table, a button bar includes icons for delete, edit, and sync. At the bottom, tabs for CATALOG VERSION, CONTENT, CATALOG VERSIONS (which is active and highlighted with a blue underline), PERMISSIONS, and ADMINISTRATION are visible. Under the CATALOG VERSIONS tab, there's a section for BASIC SETTINGS with fields for Outcoming catalog synchronization and Incoming catalog synchronizations. A button labeled "+ Create new Synchronization" is highlighted with a green box.

Create New Synchronization

MANDATORY VALUES

Create new elements:	<input checked="" type="radio"/> True <input type="radio"/> False	Code:	
Exclusive mode:	<input type="radio"/> True <input checked="" type="radio"/> False	Time created:	
Remove missing elements:	<input checked="" type="radio"/> True <input type="radio"/> False	Node group:	
Synchronization source:	RRRS PC : Staged	Nodeld:	
Respect sync. permissions only:	<input type="radio"/> True <input checked="" type="radio"/> False	Retry execution if the job can not executed yet:	<input checked="" type="radio"/> True <input type="radio"/> False
Synchronization target:	RRRS PC : Online	<input type="button" value="CANCEL"/> <input checked="" type="button" value="DONE"/>	

Results =

System

Catalog

- Catalogs
- Catalog Versions**
- Categories
- Products

SAVED QUERIES

No queries

Catalog Catalog Catalog Version

RRRS PC Staged

0 ITEMS SELECTED

RRRS PC : Staged

CATALOG VERSION CONTENT CATALOG VERSIONS PERMISSIONS ADMINISTRATION

BASIC SETTINGS

Outcoming catalog synchronization Incoming catalog synchronizations

Sync RRRSPC:Staged -> RRRSP...

Step 10.2 = Do Product Sync & test the results

Catalog Versions

Categories

Products

Product Variant Types

Units

Keywords

	Article Numb...	Identifier	Product is not approved [check status]	Status	Base Product Catalog version
<input type="checkbox"/>	SGalax	SGalax		● △ ○	RRRS PC 1 : Staged
<input type="checkbox"/>	SGalaxJ5	SGalaxJ5		● △ ○	RRRS PC 1 : Staged

There is difference between Staged & Online Data.

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Let's do – Sync

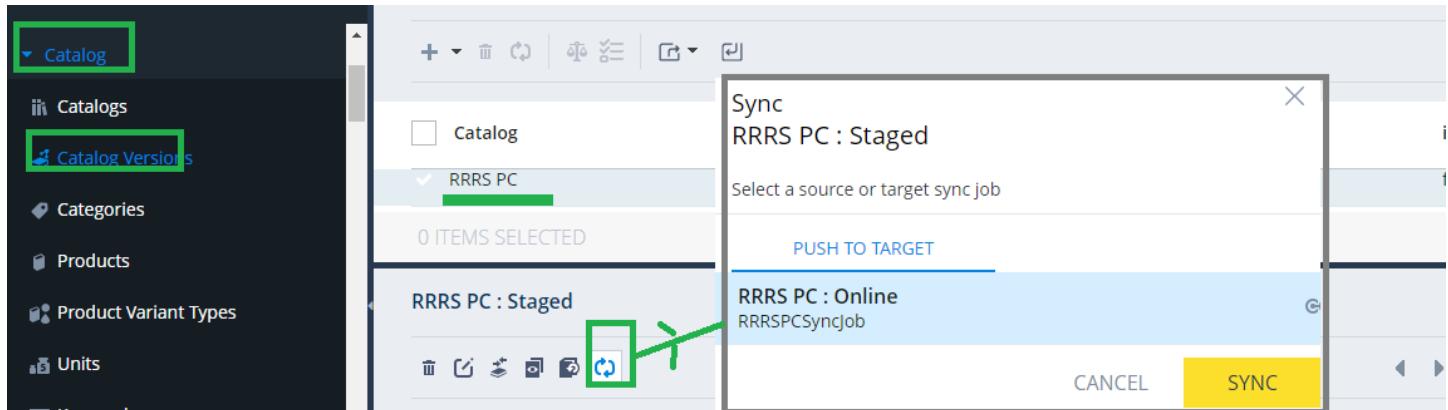
The screenshot shows the SAP Backoffice interface for catalog management. On the left, the navigation tree highlights 'Products'. In the center, a modal dialog titled 'Sync' is open, showing 'SGalax [SGalax] - RRRS PC : Staged' and a 'PUSH TO TARGET' section with 'RRRS PC : Online' selected. A large green arrow points from the 'Sync' button in this dialog to the 'Sync Status' window on the right. The 'Sync Status' window displays a successful job: 'RRRSPCSyncJob1 : 00000BKU - FINISHED - SUCCESS' with the message 'Sync Status' and the timestamp 'finished Wed, May 19, 3:13 AM'.

Results =

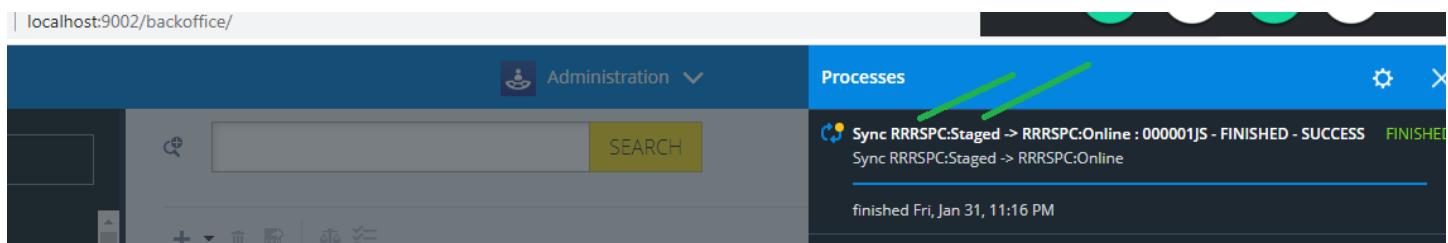
The screenshot shows the SAP Administration Cockpit. The left sidebar highlights 'Products'. The main area displays a search result for products where the 'Article Number' contains 'SGalax'. The search criteria are shown in the top search bar. The results table lists several products, including 'SGalax' and 'SGalaxJ5', along with their status and catalog version. A green arrow points from the search bar to the search results table.

Attribute	Comparator	Value	Sort Order
Article Number	Contains	SGalax	
Article Num...	Identifier		Status Catalog version
SGalax	SGalax	(green circle)	RRRS PC 1 : Staged
SGalax		(green circle)	RRRS PC 1 : Online
SGalaxJ5	SGalaxJ5	(green circle)	RRRS PC 1 : Staged
SGalaxJ5		(green circle)	RRRS PC 1 : Online
SGalaxJ5B	SGalaxJ5B	(green circle)	RRRS PC 1 : Staged

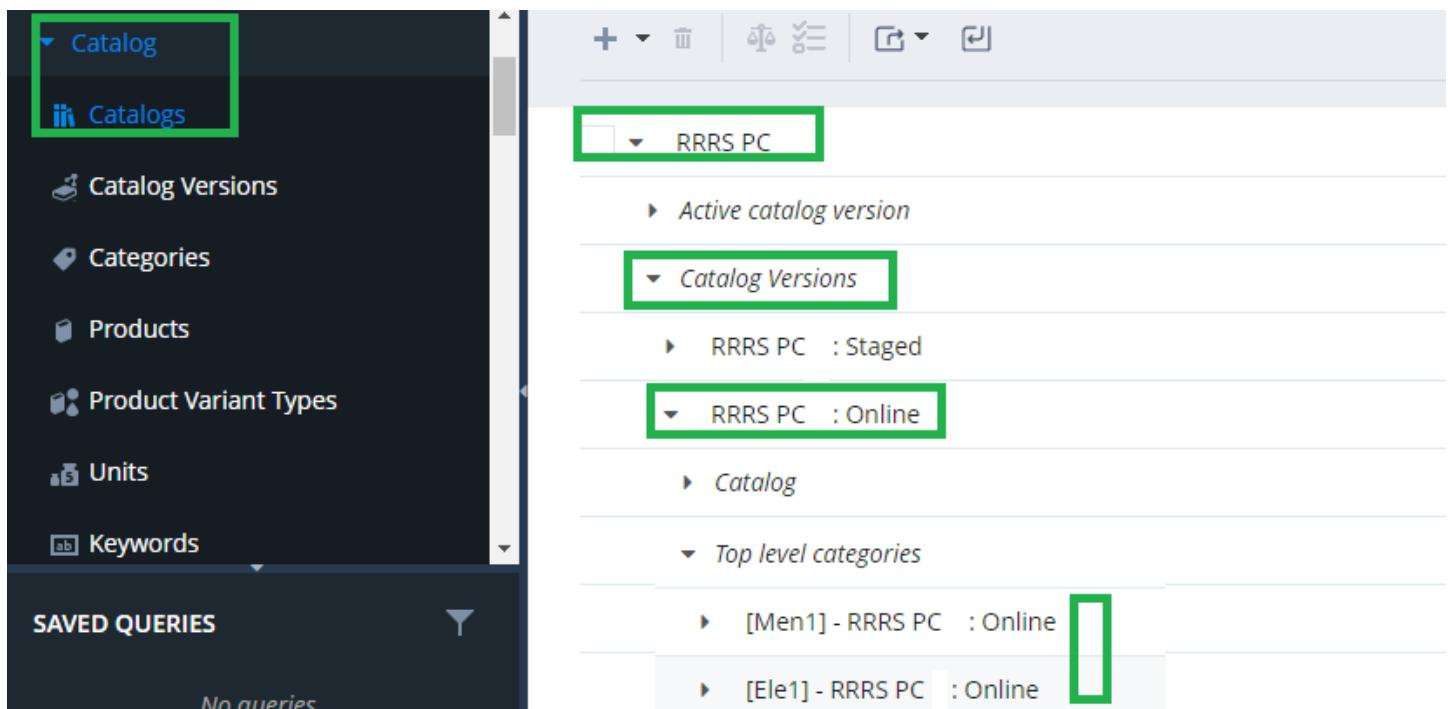
Step 10.3 = Do Catalog Version Sync & test the results



Monitor the Sync – Status



Results =



Scenario = We completed created the product catalog [RRRSPC].

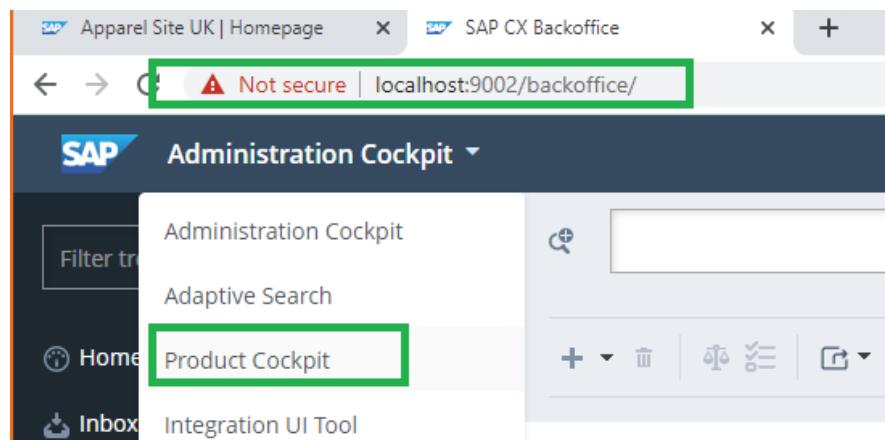
What is the next activity?

Manage the product catalogs.

Manage = Add product / Modify product / Add category /

Q = In the company, who is responsible to manage the “products & categories” [Product Catalogs]? = Product Managers.

Product Manager uses “**Product Cockpit**”.



Step 1 = Let's **create user** [product manager] = chennarrrs.

A screenshot of the SAP Administration Cockpit showing the creation of a new employee. The left sidebar has a tree view with "User" expanded, and "Employees" is highlighted with a green box. The main area shows a "Create New Employee" dialog. The "GENERAL" tab is active, showing fields for "ID" (chennarrrs) and "Name" (Chenna RRRS). The "Description" field contains "Chenna RRRS - PM". A large green arrow points from the "Description" field to the word "DONE" at the bottom right of the dialog.

Step 2 = Set the PWD & make sure user is not disabled

The screenshot shows the SAP CX Backoffice interface. On the left, a sidebar menu is open with 'User' selected. Under 'User', 'Employees' is also selected and highlighted with a green box. The main area displays a user creation form for 'Chenna RRRS [chennarrs]'. The 'PASSWORD' tab is active. In the 'Change Password' section, two fields are shown, both containing '.....'. To the right, a 'Disable Login' checkbox is checked (indicated by a green checkmark) and set to 'False'.

Step 4 = Assign the Groups

The screenshot shows the SAP CX Backoffice interface. On the left, the sidebar menu has 'Employees' selected and highlighted with a green box. The main area shows a list of employees with one entry: 'chennarrs Chenna RRRS'. Below this, the user details screen for 'Chenna RRRS [chennarrs]' is displayed. The 'Groups' field is highlighted with a green box, showing 'Backoffice Product Administrat...' and '[employeegroup]'. The 'Description' field contains 'Chenna RRRS - PM'.

Step 4 = Login to Backoffice as “Product Manager” = chennarrs

The screenshot shows the SAP CX Backoffice login process. The login page has 'chennarrs' in the 'Username' field and '.....' in the 'Password' field. The 'Backoffice Product Manager' radio button is selected. The 'PROCEED' button is highlighted with a green box. After logging in, a new window shows the 'Product Cockpit' interface, which is also highlighted with a green box.

Note = Now product manager [chennarrs] is able to see only products.

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SAP Product Cockpit

RRRS PC

Apparel Product Catalog

- Staged
- Online

Q = Expected Results?
PM [chennarrrs] should see whatever created [rrrspc, staged, online, products....]
But --
chennarrrs is not able to see any. Why?
Bcoz -- rrrspc, staged, online, products are created by "admin" user.
Right now -- chennarrrs is logged in.
Hence -- Permissions are missing.

Step 5 = How to give the **permissions** for PM [chennarrrs]?

Login to backoffice with **admin** user.

--- chennarrrs --- personalization

--- Give read & write permissions.

Multimedia

User

Companies

User Groups

Employees

Customers

Addresses

Titles

SAVED QUERIES

No queries

+

ID Name

chennarrrs Chenna RRRS

0 ITEMS SELECTED

Chenna RRRS [chennarrrs]

GENERAL ADDRESSES PASSWORD ORDERS EMPLOYEE PRICES PERSONALIZATION ADMINISTRATION

Writeable catalog versions

RRRS CC : Staged

RRRS CC : Online

Readable catalog version

RRRS CC : Staged

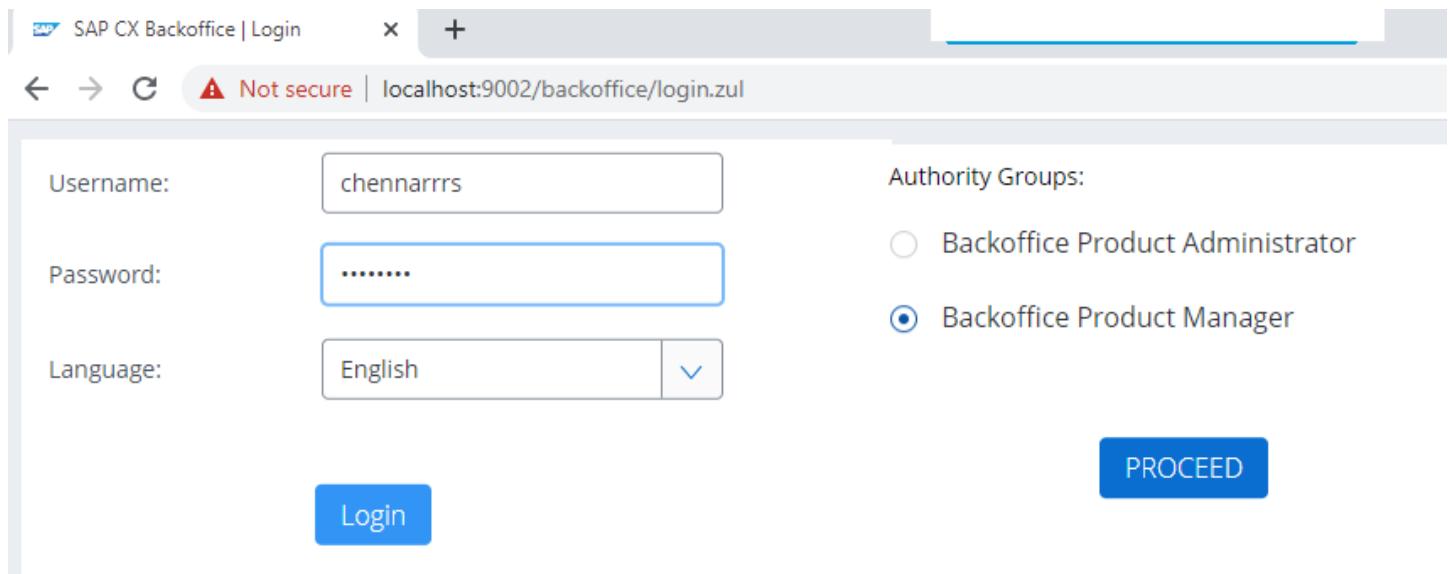
RRRS CC : Online

All writeable catalog versions

default catalog : Staged

RRRS CC : Staged

Step 6 = Login to Backoffice as “Product Manager” = chennarrrs

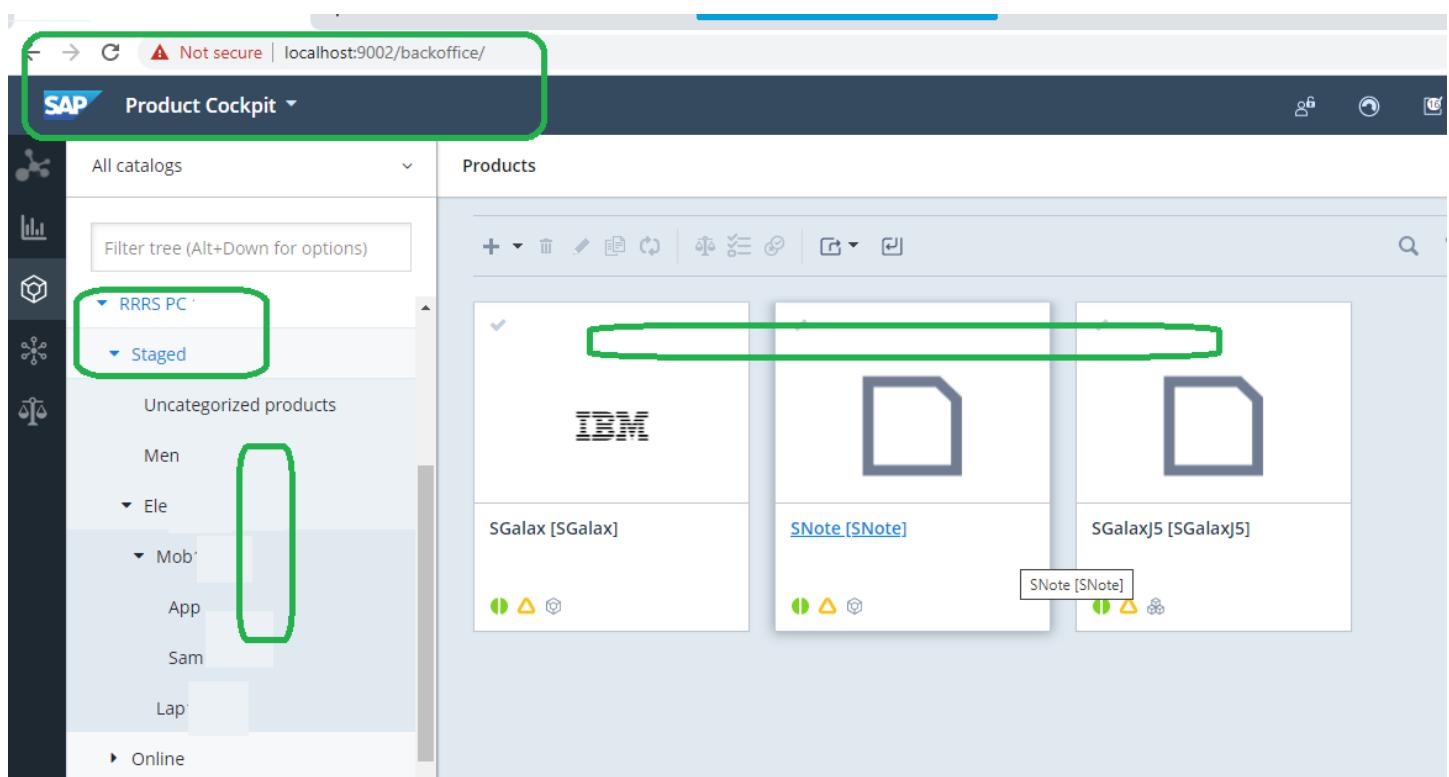


The screenshot shows the SAP CX Backoffice login interface. The URL is `localhost:9002/backoffice/login.zul`. The form fields are:

- Username: chennarrrs
- Password: (redacted)
- Language: English
- Authority Groups:
 - Backoffice Product Administrator
 - Backoffice Product Manager

Buttons at the bottom include "Login" and "PROCEED".

Results =



The screenshot shows the SAP Product Cockpit interface. The URL is `localhost:9002/backoffice/`. The left sidebar shows product categories:

- All catalogs
- RRRS PC
 - Staged
- Uncategorized products
 - Men
 - Ele
 - Mob'
 - App
 - Sam
 - Lap
 - Online

The main area displays three products:

- IBM (Icon: square)
- SGalax [SGalax] (Icon: triangle)
- SGalaxJ5 [SGalaxJ5] (Icon: circle)

Each product card has a "SNote [SNote]" link and small circular icons below them.

Conclusion = Now Product Manager [PM] = chennarrrs, can do the “Product Enrichments” from “**Product Cockpit**”.

Product Enrichments = Add product, Update product, Add desc, Add price, Add category, update category, delete product and

Scenario = Let's create 1 new product & display in Storefront / Website?

Let's display this product "Apparel UK" Storefront / Website.

Step 1 = Create Product [name = chennarrrsp1]

The screenshot shows the SAP CX Backoffice interface for creating a new product. The left sidebar shows navigation options like 'All catalogs', 'Products', and 'Core attributes'. The main area displays the 'Create New Product' screen. In the 'ESSENTIALS' section, the 'Article Number' field contains 'chennarrrsp1'. The 'Approval' field has 'check'. The 'Catalog version' field shows 'Apparel Product Catalog : Staged'. A green box highlights the 'Identifier' field, which also contains 'chennarrrsp1'. The 'Description' field contains 'Chenna RRRS 1st Product'. A green arrow points to the 'Next' button at the bottom right of the screen.

The screenshot shows the continuation of the product creation process. The left sidebar remains the same. The main area shows the 'Create New Product' screen with the 'CATEGORIZATION' tab selected. It prompts to 'Please select which categories the product should be assigned'. The 'Supercategories' field is empty. A green box highlights the 'Image' field in a 'MEDIA' panel on the right, which lists 'OneTwo12.png' with a checkmark. Another 'MEDIA' panel below it lists 'IBM-Logo.png' with a checkmark. A green arrow points to the 'Next' button at the bottom right of the screen.

Results =

The screenshot shows the SAP Product Cockpit interface. On the left, there's a sidebar with icons for catalogs, products, and other functions. The main area shows a list of products under 'Apparel Product Catalog'. One item is highlighted with a green arrow pointing to it: 'chennarrrsp1 [chennarrrsp1] - Apparel Product Catalog : Staged'. The product card displays a thumbnail image of a blue and black apparel item. At the top right of the screen, there's a search bar with the text 'chennarrrsp1' and a circled red 'X' button.

Step 2 = Change / Add the Images for the product.

The screenshot shows the SAP Product Cockpit interface with the 'chennarrrsp1 [chennarrrsp1] - Apparel Product Catalog : Staged' product selected. The navigation bar at the top includes 'PROPERTIES', 'ATTRIBUTES', 'BUNDLING', 'CATEGORY SYSTEM', 'PRICES', 'MULTIMEDIA' (which is highlighted with a green box), 'VARIANTS', 'EXTENDED ATTRIBUTES', and 'REVIEWS'. In the 'MULTIMEDIA' tab, there are sections for 'ESSENTIAL' and 'IMAGES'. Under 'IMAGES', there's a field with the path '/96Wx96H/96990_26.jpg - Apparel Product Catalog : Online' and a green arrow pointing to it. To the right, a preview image of a blue and black apparel item is shown. Below the 'IMAGES' section, there's a 'Logos' section with a field containing the path '/96Wx96H/96990_21.jpg - Apparel Product Catalog : Staged' and a green arrow pointing to it. A large green arrow points from the bottom right towards the word 'Save'.

Results =

The screenshot shows the SAP Product Cockpit interface. On the left, there's a sidebar with icons for catalogs, products, and other functions. The main area is titled 'Products' and shows a list of catalogs. One catalog is selected: 'chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Staged'. A green arrow points from the text 'Image is changed...' to the product image, which is a blue and black device. Below the catalog name, it says 'Staged'.

Step 3 = Approved products only will display in **Storefront / Website**.

The screenshot shows the SAP Product Cockpit interface, specifically the 'Properties' tab for the catalog 'chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Staged'. The 'Approval' field is set to 'approved'. A green arrow points from this field to a callout box on the right side of the screen. The callout box contains the text 'Approval Status approved' with a green checkmark icon. The product image is also visible on the right.

Results =.

The screenshot shows a browser window with two tabs: "Not Found | Apparel Site UK" and "SAP CX Backoffice". The URL is "localhost:9002/yacceleratorstorefront/en/c/chennarrsp1/p/chennarrsp1". The main content area displays a "B2C Accelerator" header with navigation links for BRANDS, STREETWEAR, SNOW, ACCESSORIES, and YOUTH. A search bar says "I'm looking for". Below the header, a large red arrow points from the text "Product is not coming." to the "404 Page Not Found" message. A teal banner at the bottom right states: "Bcoz -- We created product in Staged version & It's not there in Online version."

Step 4 = **Online** products only will display in **Storefront** / Website. **Bcoz --**

This screenshot shows the SAP CX Catalog management interface. The left sidebar has a "Catalog" section highlighted with a green box. The main area shows a list of catalogs, with "apparelProductCatalog" selected. A modal window titled "Edit item Apparel Product Catalog : Online" is open, showing the "Catalog Versions" tab. It lists "Apparel Product Catalog : Staged" and "Apparel Product Catalog : Online", both highlighted with green boxes. A green arrow points from the "Catalog Versions" list to the "Apparel Product Catalog : Online" tab in the modal. Another green arrow points from the "Apparel Product Catalog : Online" tab in the modal to the "is active catalog version" field, which is set to "True".

Now -- Do the Sync

This screenshot shows the SAP Product Cockpit interface. A modal window titled "Sync" is open, showing a "PUSH TO TARGET" job for "Apparel Product Catalog : Online" (sync apparelCatalog:Staged->Online). The "SYNC" button is highlighted with a yellow box. A green arrow points from the "Sync" button to a "Catalog Synchronization" status message below it, which says "out of sync".

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Check the – Sync status

The screenshot shows the SAP Product Cockpit interface. In the top right corner, there is a circular icon with a magnifying glass and a green arrow pointing to it. The main area displays a product catalog titled "chennarrrsp1 [chennarrrsp1] - Apparel Product Catalog : Staged". On the left, there are tabs for PROPERTIES, ATTRIBUTES, BUNDLING, CATEGORY SYSTEM, PRICES, MULTIMEDIA, VARIANTS, and EXTENDED ATTACHMENT. The EXTENDED ATTACHMENT tab is highlighted with a green arrow. On the right, a "Processes" panel shows a single task: "Items Synchronization (1) sync apparelProductCatalog:Staged->Online" with a status of "FINISHED". Below the catalog title, there is an "Approval" section with a dropdown set to "approved" and an "Approval Status" message. Under "VALIDITY PERIOD", there is a note "Catalog Synchronization in sync".

Results =

The screenshot shows the B2C Accelerator storefront. The URL in the address bar is "localhost:9002/yacceleratorstorefront/en/c/chennarrrsp1/p/chennarrrsp1". The page header says "B2C Accelerator". A search bar contains the placeholder "I'm looking for". Below the header is a navigation bar with categories: BRANDS, STREETWEAR, SNOW, ACCESSORIES, and YOUTH. A breadcrumb trail shows "HOME / CHENNAARRSP1". The main content area displays a product card for "chennarrrsp1 | ID chennarrrsp1". A large green arrow points from the "Catalog Synchronization in sync" message in the Product Cockpit screenshot to this product card. The text "Product is Coming" is overlaid in green on the storefront page.

Step 5 = We are not able to see the Online product in Product Cockpit.

The screenshot shows the SAP Product Cockpit interface. The left sidebar lists "All catalogs" and "Products". Under "All catalogs", there is a tree view with "RRRS PC 1", "Apparel Product Catalog" (which is expanded), and "Staged". Under "Products", a list shows a single item: "chennarrrsp1 [chennarrrsp1] - Apparel Product Catalog : Staged". This item has a small thumbnail image and a green checkmark icon.

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Now – do the Backoffice Index

The screenshot shows the SAP Administration Cockpit interface. On the left sidebar, under the 'System' section, 'Facet Search Configuration' is selected. In the main area, a table lists a single item: 'Solr Config for Backoffice' with the description 'Solr Config for Backoffice'. To the right of the table, a modal window titled 'Create New SolrIndexerOperationWizard' is open. Inside the modal, there is a sub-section titled 'SOLR INDEXER Provide indexer configuration' with an 'Operation values' field containing 'full'. A large green arrow points from the 'Index' button in the table below to the 'START' button in the modal.

Results =

The screenshot shows the SAP Product Cockpit interface. On the left sidebar, 'All catalogs' is selected. In the main area, the search bar contains 'chennarrsp1'. Two catalog entries are listed: 'chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Staged' and 'chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Online'. Green arrows point from the catalog names to the search bar.

Step 6 = Created product [chennarrsp1] is coming PDP & not coming in “Search page / Category page”.

Bcoz --- Product page get the results from = **DB**

Category page / Search page get the results from = **Solr**

B2C Accelerator

I'm looking for

Coming in Product Page

WELCOME CHENNA MY ACCOUNT

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / CHENNARRSP1

chennarrsp1 | ID chennarrsp1

Product review summary

★★★★★ | Write a Review

B2C Accelerator

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / CHENNARRSP1

0 items found for keyword **chennarrsp1**

Not coming in Search Page

Now – do the Website Index

SAP Administration Cockpit

facet

System

Search and Navigation

Solr Facet Search Configuration

Facet Search Configurations

Backoffice

Backoffice type to facet search config mapping

SAVED QUERIES

No queries

Create New SolrIndexerHotUpdateWizard

TYPE AND OPERATION Set indexed type and indexer operation

Name apparel-ukIndex Description Appare

Item type Product

Operation values update

ITEMS Select items to index

Items

chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Staged

chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Online

START

Results =

Search chennarrsp1 | Apparel Site x SAP CX Backoffice x +

Not secure | localhost:9002/yacceleratorstorefront/en/search?text=chennarrsp1

B2C Accelerator

WELCOME CHENNA MY ACCOUNT

chennarr

chennarrsp1

HOME / CHENNARRSP1

Product is coming in Search Page

(6 ITEMS) £2,44

You searched for "chennarrsp1"

1 Products found

IMAGE COMING SOON chennarrsp1

SORT BY: RELEVANCE

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Step 7 = Create New Category

chennarrrsp1 is created in product catalog & it's not in any hierarchy.

That means – This product is created like a **linear search algorithm**.

Whenever we create Product catalog – **what we should keep in mind?**

Customer should reach the item in shortest path like **Binary search algorithm**. Hence ... It's time to create Category now.

The screenshot shows a web browser with two tabs: 'chennarrrsp1 | Chenna RRRS C1' and 'SAP CX Backoffice'. The main content area is titled 'B2C Accelerator' with a search bar. Below the search bar is a navigation bar with categories: BRANDS, STREETWEAR, SNOW, ACCESSORIES, and YOUTH. A breadcrumb navigation 'HOME / CHENNARRSP1' is visible. The page title is 'chennarrrsp1 | ID chennarrrsp1'.

Step 7.1 = Create new Category = chennarrsc1

Keep this new category under **Brands**.

The screenshot shows the SAP CX Backoffice Product Cockpit. The left sidebar has icons for Home, Catalogs, Product Catalogs, Categories, and Collections. The 'Product Catalogs' icon is circled in green. The main area shows a tree structure: 'Apparel Product Catalog' > 'Staged'. A green box highlights the 'Staged' node. On the right, a 'Create New Category' dialog is open. The 'Identifier' field contains 'chennarrsc1', the 'Name' field contains 'Chenna RRRS C1', and the 'Catalog version' field contains 'Apparel Product Catalog : Staged'. In the 'Supercategories' field, 'Brands [brands] - Apparel Product Catalog : Staged' is selected. A green arrow points from the 'Done' button at the bottom of the dialog to this supercategory entry.

Results =

The screenshot shows the SAP Product Cockpit interface. On the left, there is a sidebar with various icons. The main area displays a tree structure under 'Apparel Product Catalog' with a node 'Staged' highlighted. A modal window is open, showing a list of categories: '201 ... 235', 'TSG', and 'Chenna RRRS C1'. The 'Chenna RRRS C1' entry is highlighted with a yellow background.

Step 7.2 = Assing the product [chennarrrsp1] to newly created category.

The screenshot shows the SAP Product Cockpit interface. The top navigation bar indicates the product is 'chennarrrsp1 [chennarrrsp1] - Apparel Product Catalog : Staged'. The 'CATEGORY SYSTEM' tab is selected. In the 'CATEGORIES CONTAINING THIS PRODUCT' section, there is a list of categories, with 'Chenna RRRS C1 [chennarrsc1] - Apparel Product Catalog : Staged' highlighted with a green arrow pointing to it.

Step 7.3 = Perform the Category Sync.

The screenshot shows the SAP Product Cockpit interface. At the top, there's a header bar with the SAP logo and a 'Product Cockpit' dropdown. Below the header is a toolbar with icons for add, edit, delete, and search. A dropdown menu 'All catalogs' is open. To the right, a 'Processes' card displays a completed task: 'Items Synchronization (1)' with the sub-task 'sync apparelProductCatalog:Staged->Online'. The status is 'FINISHED' with a green checkmark, and it was finished on 'Thu, May 20, 12:29 AM'. On the left, there's a sidebar with icons for catalog, search, and filters. The main area shows a tree view under 'Surftech' with a node 'Chenna RRRS C1' highlighted with a blue oval and circled by a green arrow. The bottom of the screen shows a navigation bar with icons for back, forward, search, and other functions.

Step 7.4 = Do the Website Index

The screenshot shows the SAP Administration Cockpit. The left sidebar has a search bar with 'face' typed in. It includes sections for 'System' (highlighted with a green box), 'Search and Navigation', 'Solr Facet Search Configuration' (with 'Facet Search Configurations' highlighted with a green box), and 'Backoffice'. Under 'Backoffice', there's a note about 'Backoffice type to facet search config mapping'. The main area shows a table of 'Facet Search Configurations'. One row is selected: 'apparel-ukIndex' with a description 'Apparel UK Solr Index'. Another row 'electronicsIndex' with 'Electronics Solr Index' is also visible. Below the table, there are buttons for 'Index' (circled with a green oval and circled by a green arrow) and 'Hot Update Index'. A modal window titled 'Create New SolrIndexerOperationWizard' is open on the right. It contains a 'SOLR INDEXER' section with the sub-instruction 'Provide indexer configuration'. An 'Operation values' section shows 'update' selected. A large 'START' button is at the bottom of the modal. The bottom of the screen shows a navigation bar with icons for properties, indexed types, keyword redirects, synonyms, stopwords, cron jobs, and administration.

Results =

The screenshot shows the SAP CX Backoffice storefront. The URL in the browser is 'localhost:9002/yacceleratorstorefront/en/Brands/Chenna-RRRS-C1/chennarrsp1/p/chennarrsp1'. The page title is 'B2C Accelerator'. At the top, there's a search bar with 'I'm looking for' and a location pin icon. Below the search bar is a navigation bar with links: 'BRANDS', 'STREETWEAR', 'SNOW', 'ACCESSORIES', and 'YOUTH'. The current page is 'CHENNA RRRS C1 / CHENNARRSP1'. The bottom of the page shows the user information 'chennarrsp1 | ID chennarrsp1' and a 'Product review summary' section. A large green arrow points from the 'Index' button in the previous screenshot to the 'CHENNA RRRS C1' link in the storefront navigation bar.

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Step 8 = Product Image

The screenshot shows a storefront interface for 'B2C Accelerator'. At the top, there's a navigation bar with links for 'BRANDS', 'STREETWEAR', 'SNOW', 'ACCESSORIES', and 'YOUTH'. Below the navigation is a breadcrumb trail: 'HOME / BRANDS / CHENNA RRRS C1 / CHENNARRSP1'. The main content area displays a product page for 'chennarrsp1' with ID 'chennarrsp1'. The page title is 'Product review summary'. There are five small gray stars followed by the text 'Write a Review'. Below this is a large placeholder image of a camera lens. To the right of the image are zoom and orientation controls. At the bottom right are quantity controls with minus, one selected, and plus buttons.

Image is not coming

Solution =

The screenshot shows the SAP Product Cockpit interface. The top navigation bar includes 'Product Cockpit' and a link to 'localhost:9002/backoffice/'. The main area is titled 'chennarrsp1 [chennarrsp1] - Apparel Product Catalog : Staged'. On the left, there are several icons for different catalog management tasks. The central part of the screen has tabs: 'PROPERTIES', 'ATTRIBUTES', 'BUNDLING', 'CATEGORY SYSTEM', 'PRICES', 'MULTIMEDIA' (which is highlighted with a green box), 'VARIANTS', and 'EXTENDED'. Below these tabs, there's a section titled 'Gallery Images' with a single entry: '[102278_11] - Apparel Product Catalog : Staged'. To the right, there's a status bar indicating '1 Selected Item(s)' with a green arrow pointing to it. Further down, there's a section for 'Digital Assets' with a status message: 'finished Thu, May 20, 12:39 AM' and '2 assets attached'. A small thumbnail image of a blue object is shown.

Results =

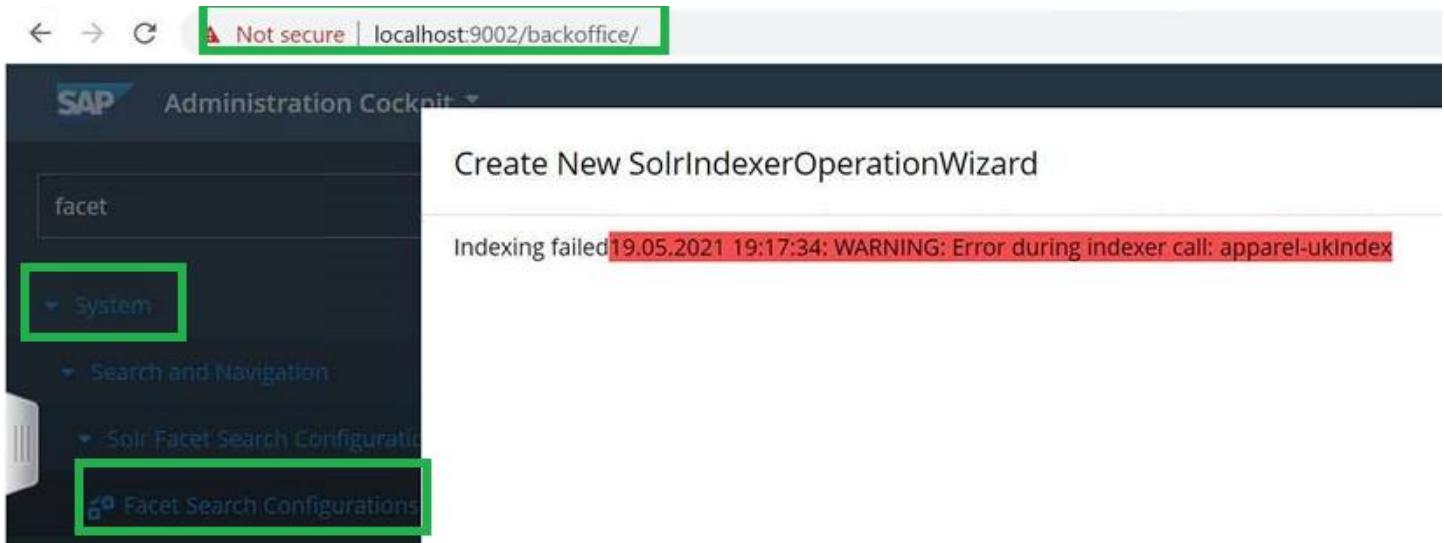
The screenshot shows the storefront interface again, but this time the product image is visible. The page structure is identical to the previous one, with the same navigation, breadcrumb, and product details. The key difference is that the large placeholder image of the camera lens is now replaced by a smaller, partially visible image of a blue object, indicating that the multimedia asset has been successfully loaded.

Image is coming

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Scenario = Error ... Logs ... Findings ...

Error =



Logs =

```
cd C:\Windows\System32\cmd.exe - hybrisserver.bat
ERROR [solr indexer thread] [DefaultIndexerWorker] [Indexer worker 6 (UPDATE index operation on apparel-ukIndex/Product)] failed to process index items due to Failed to index item with PK 8796129624065: Failed to resolve values for item with PK: 8796129624065, by resolver: productPriceValueProvider, for property: price, reason: No range found for property: [price] with value [44.51] and qualifier [GBP]
de.hybris.platform.solrfacetsearch.indexer.exceptions.IndexerException: Failed to index item with PK 8796129624065: Failed to resolve values for item with PK: 8796129624065, by resolver: productPriceValueProvider, for property: price, reason: No range found for property: [price] with value [44.51] and qualifier [GBP]
    at de.hybris.platform.solrfacetsearch.indexer.impl.DefaultIndexer.handleError(DefaultIndexer.java:304) ~[solrfacetsearchserver.jar:?]
    at de.hybris.platform.solrfacetsearch.indexer.impl.DefaultIndexer.indexItems(DefaultIndexer.java:207) ~[solrfacetsearchserver.jar:?]
    at de.hybris.platform.solrfacetsearch.indexer.strategies.impl.DefaultIndexerBatchStrategy.executeIndexerOperation(DefaultIndexerBatchStrategy.java:245) ~[solrfacetsearchserver.jar:?]
    at de.hybris.platform.solrfacetsearch.indexer.strategies.impl.DefaultIndexerBatchStrategy.execute(DefaultIndexerBatchStrategy.java:210) ~[solrfacetsearchserver.jar:?]
    at de.hybris.platform.solrfacetsearch.indexer.workers.impl.DefaultIndexerWorker.doRun(DefaultIndexerWorker.java:196) [solrfacetsearchserver.jar:?]
    at de.hybris.platform.solrfacetsearch.indexer.workers.impl.DefaultIndexerWorker.run(DefaultIndexerWorker.java:152) [solrfacetsearchserver.jar:?]
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:515) [?:?]
    at java.util.concurrent.FutureTask.run(FutureTask.java:264) [?:?]
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:515) [?:?]
    at java.util.concurrent.FutureTask.run(FutureTask.java:264) [?:?]
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1128) [?:?]
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:628) [?:?]
    at java.lang.Thread.run(Thread.java:834) [?:?]
Caused by: de.hybris.platform.solrfacetsearch.config.exceptions.FieldValueProviderException: Failed to resolve values for item with PK: 8796129624065, by resolver: productPriceValueProvider, for property: price, reason: No range found for property: [price] with value [44.51] and qualifier [GBP]
```

PK = “SAP Comm” creates unique number for every record [Product table records / Order table records / User table records /].

Q = From above logs – How to know error PK # 8796129624065 belongs to what table?

Not secure | localhost:9002/platform/pkanalyzer

You're Administrator [logout](#)

(x) hybris administration console

Platform Monitoring Maintenance Console

Tenants Configuration System Logging Extensions Initialization Update SQL Scripts License Support **PK Analyzer** Classpath Analyzer

PK string as long

Execute

- PK is 8796129624065
- PK is Counter based (bit 43 is set)
- Typecode Product (1)

```
c:\Windows\System32\cmd.exe - hybrisserver.bat
ERROR [solr indexer thread] [DefaultIndexerWorker] [Indexer worker 6 (UPDATE index operation on apparel-ukIndex/Product)] failed to process index items due to Failed to index item with PK 8796129624065: Failed to resolve values for item with PK: 8796129624065, by resolver: productPriceValueProvider, for property: price, reason: No range found for property: [price] with value [44.51] and qualifier [GBP]
de.hybris.platform.solrfacetsearch.indexer.exceptions.IndexerException: Failed to index item with PK 8796129624065: Failed to resolve values for item with PK: 8796129624065, by resolver: productPriceValueProvider, for property: price, reason: No range found for property: [price] with value [44.51] and qualifier [GBP]
```

Now – Goto backoffice & find the record

Not secure | localhost:9002/backoffice/

SAP Administration Cockpit

Filter tree (Alt+Down for options)

Catalog Catalog Versions Categories Products

Attribute	Comparator	Value	Sort Order
Article Number	Contains	<input type="text"/>	
PK	Equals	<input type="text"/>	
Catalog version	Equals	<input type="text"/> ...	

SAP Administration Cockpit

Filter tree (Alt+Down for options)

Catalog

Catalog Versions

Categories

Products

Product Variant Types

Units

Keywords

SAVED QUERIES

No queries

Product: Product Global Operator: And Include subtypes SEARCH

Attribute: PK Comparator: Equals Value: 8796129624065

Sweetheart Pant youth amethyst L [300412843] - Apparel Product Catalog : Staged

REFRESH

PRICES

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
...				1	Piece [pieces]	€54.95	Euro [EUR]	false
...				1	Piece [pieces]	£44.51	Pound [GBP]	false

Q = Where can we see the Hybris Server Logs?

Solution 1 =

Local Disk (E:) > rrrssoftware > hybris > log > tomcat >				
Name	Date modified	Type	Size	
console-20210519	19-05-2021 23:59	Text Document	629 KB	
console-20210520	20-05-2021 00:39	Text Document	21 KB	

In real time – For “Dev Env / QA Eng / UAT Env /Prod Env” .. we will not have access to go this location & see logs.

Then what to do? = Solution 2

hybris administration console

You're Administrator logout

Platform Monitoring Maintenance Console Support PK Analyzer

Tenants Configuration System Logging Extensions Initialization

Select all console-20210520.log (20kb - E:\rrrssoftware\hybris\log\tomcat) cpqTracking.log (0kb - E:\rrrssoftware\hybris\log\tomcat\cpqTracking)

Create Download (382kb...) Send in email

Today (2)

support support

Downloads > support > logs > tomcat

console-20210520

Scenario = Generally, in companies there will be millions of products.

When we have more of products then **sync takes lots of time.**

There are lots paraments which impacts the Sync time. Example: -

- 1) Location of the Hybris Server & DB Server
- 2) Dedicated DB (Not shared DB)
- 3) How much RAM
- 4) How many CPU core
- 5) ===

Also – Depends on Synchronization Attributes Configuration.

Example =

Edit item sync apparelProductCatalog:Staged->Online

CONFIGURATION CRONJOBS RESTRICTIONS ADVANCED ATTRIBUTTES ADMINISTRATION

SYNCHRONIZATION ATTRIBUTES CONFIGURATION

Synchronization attributes configuration

Included Properties 142 Types 580 Attributes	Excluded Properties 0 Types 16 Attributes
--	---

Note = It is important for us to update (or) modify the Sync job attribute configurations as per companies need, so that Sync performance will be improved.

Example =

Edit item sync apparelProductCatalog:Staged->Online

REFRESH SAV

CONFIGURATION CRONJOBS RESTRICTIONS ADVANCED ATTRIBUTES ADMINISTRATION

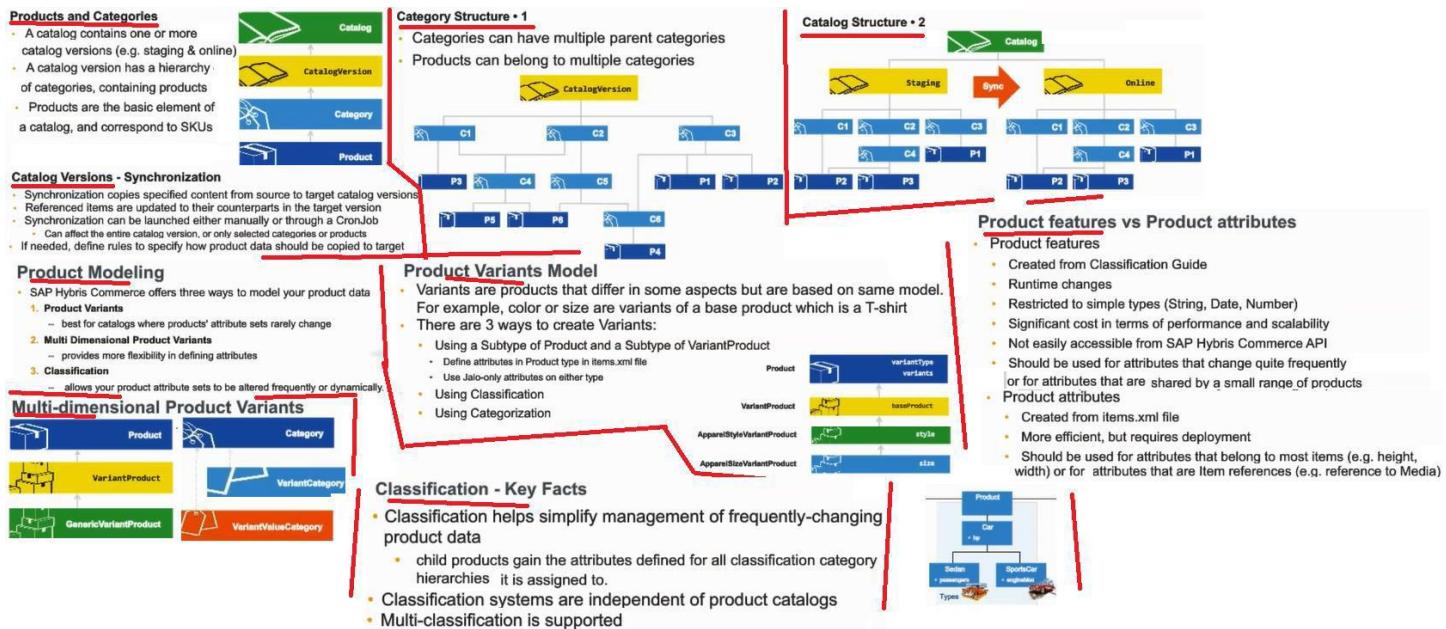
Root types ?

- Category [Category]
- Product [Product]
- Media [Media]
- Keyword [Keyword]
- Tax row [TaxRow]

Sync attribute configurations

- Item [Item] -> Owner [owner] in sync : ...
- Item [Item] -> Documents [allDocume...]
- Item [Item] -> Comments [comments] ...
- Item [Item] -> Assigned Cockpit Item T...
- Media Container [MediaContainer] -> ...

Scenario = SAP – Product Modeling Notes =



Scenario = Assume that from **3rd party system** [SAP / PS / Legacy /...] Data [Categories / Products / Price / ...] is coming into “**SAP Comm**” daily 2 times [1st data load @ 12.30 AM & 2nd data load @ 12.30 PM].

B2C Accelerator

I'm looking for

BRANDS DIGITAL CAMERAS FILM CAMERAS HAND HELD CAMCORDERS WEBCAMS POWER SUPPLIES FLASH MEMORY

Catalog

- Catalogs
- Catalog Versions
- Categories

ID	Name
electronicsProductCatalog	Electronics Product Catalog

0 ITEMS SELECTED

Assume that 3rd party system data loading into SAP Comm is taking ~ 15 mins. After data load – **Sync jobs** needs to be executed.

So, schedule the Sync job **@ 12.45 AM & @ 12.45 PM**.

Inbox

System

Catalog

- Catalogs
- Catalog Versions
- Categories
- Products

SAVED QUERIES

No queries

CATALOG VERSION CONTENT CATALOG VERSIONS PERMISSIONS ADMINISTRATION

BASIC SETTINGS

Outcoming catalog synchronization Incoming catalog synchronizations

sync electronicsProductCatalog...

Assume that Sync job is taking around 30 mins.

Note = Search Results Page [SRP], Category Page [or PLP] – Get the data from Solr Doc.

So – Execute **Solr Index Job**.

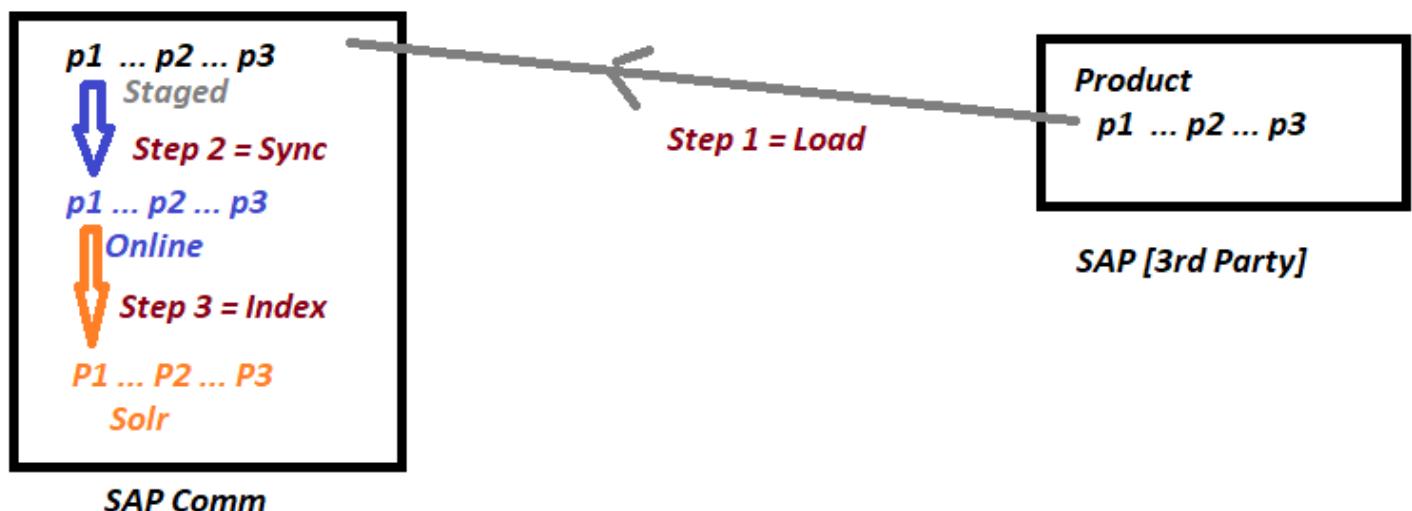
So, schedule the Index job @ 1.15 AM & @ 1.15 PM.

The screenshot shows the SAP Administration Cockpit interface. On the left, there is a navigation tree with nodes like System, Search and Navigation, Solr Facet Search Configuration, and Backoffice. Under Solr Facet Search Configuration, 'Facet Search Configurations' is selected, and a specific entry 'electronicsIndex' is highlighted with a green border. A context menu is open over this entry, containing the following options:

- Create New SolrIndexerOperationWizard
- SOLR INDEXER
Provide indexer configuration
- Operation values
update
- START

The main area of the cockpit shows a table with columns Name and Description. There is one row visible: 'electronicsIndex' with the description 'Electronics Solr'. Below the table, it says '0 ITEMS SELECTED'.

Scenario = Load data ... Sync data ... Index data ...



Scenario = Sync Solutions

Solution 1 =

The screenshot shows the SAP CX Backoffice interface. On the left, the navigation bar includes tabs for 'Snow Jackets | Snowwear men', 'SAP CX Backoffice', and 'Mobile Phones: Buy Mobiles Online'. Below the tabs, the 'Administration Cockpit' header is visible. The main content area shows a catalog structure. A green box highlights the 'Catalog' section in the sidebar, and another green box highlights the 'Apparel Product Catalog' item under 'Catalog Versions'. A red arrow points from the 'Sync' button in the catalog list to a modal dialog titled 'Entire Product Catalog Sync'. The dialog contains the text 'Sync Apparel Product Catalog : Staged' and 'Select a source or target sync job'. It also shows a 'PUSH TO TARGET' section with the text 'Apparel Product Catalog : Online sync apparelProductCatalog:Staged->Online'. At the bottom right of the dialog are 'CANCEL' and 'SYNC' buttons.

Solution 2 =

The screenshot shows the SAP CX Backoffice interface. The navigation bar and 'Administration Cockpit' header are similar to the previous screenshot. The sidebar on the left has a yellow box around the 'System' section, and a blue box highlights 'Multithreaded Synchronization' under it. The main content area shows a 'Catalog synchronization' configuration screen. A green box highlights the 'sync apparelProductCatalog:Staged->Online' entry in the 'Sync Job selection' list. A red arrow points from this entry to a large red text annotation 'Next -- Start'. Another green arrow points from the same sync job entry to a green text annotation 'Delta Product Catalog Sync'. The configuration screen includes tabs for 'CONFIGURATION', 'CRONJOBS', 'RESTRICTIONS', 'ADVANCED ATTRIBUTES', and 'ADMINISTRATION'. At the bottom, there are sections for 'ESSENTIAL', 'Code', 'Synchronization source', and 'Synchronization target'.

Scenario = Variants

DSC-H20 Red | Digital Compacts x +

Not secure | localhost:9002/yacceleratorstorefront/electronics/en/Open-Catalogue/Cameras/Digital-Cameras/Digital-Compacts/DSC-H20/p/1978440_red

B2C Accelerator

I'm looking for

BRANDS DIGITAL CAMERAS FILM CAMERAS HAND HELD CAMCORDERS WEBCAMS POWER SUPPLIES FLASH MEMORY CAMERA ACCESSORIES & SUPPLIES

HOME / OPEN CATALOGUE / CAMERAS / DIGITAL CAMERAS / DIGITAL COMPACTS / DSC-H20

DSC-H20 Red | ID 1978440_red

\$507.64

DSC-H20, Red, 10.1 Megapixels, 10x Optical Zoom, 3.0" LCD

Product review summary

★★★★★ | Write a Review

Variants

TYPE: Red

COLOR RED, \$507.64 87
PLEASE SELECT VARIANT
COLOR RED, \$507.64 87
COLOR GREEN, \$507.64 87
COLOR BLUE, \$507.64 87

Here – 1978440 is **base product**

1978440_Red, 1978440_Green & 1978440_Blue == Are **variants**.

DSC-H20 [1978440] - Electronics Product Catalog : Staged

CATALOGS

CATEGORIES

PRODUCTS

PRODUCT VARIANT TYPES

UNITS

KEYWORDS

SAVED QUERIES

No queries

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES

If you want to use this product as a base template to create a family of product variations you can do so here. Please specify the variation attributes (e.g. colour or size) for the family. Then you can start creating product variations based on this template.

Product variants type: ElectronicsColorVariantProduct

Product Variants
<input type="checkbox"/> DSC-H20 Blue [1978440_blu...]
<input type="checkbox"/> DSC-H20 Green [1978440_gr...]
<input type="checkbox"/> DSC-H20 Red [1978440_red] ...

+ Create new Electronics Co

Step 1 = Create New Variants: -

Create New Electronics Color Variant



ESSENTIALS All required fields > DESCRIPTION Identifiers and descriptions > CATEGORIZATION Assign to categories > MEDIA Create media content

Article Number:
ChennaRRRS

Approval:
approved

Catalog version:
Electronics Product Catalog : Staged

Base Product:
DSC-H20 [1978440] - Electronics Product Catalog : Staged

CANCEL NEXT DONE

DSC-H20 [1978440] - Electronics Product Catalog : Staged

■ DSC-H20 [1978440] - Electronics Product Catalog : Staged

REFRESH SA

◀ PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS ST

If you want to use this product as a base template to create a family of product variations you can do so here. Please specify the type of product variation first. This defines the variation attributes (e.g. colour or size) for the family. Then you can start creating product variations using this base product as a template.

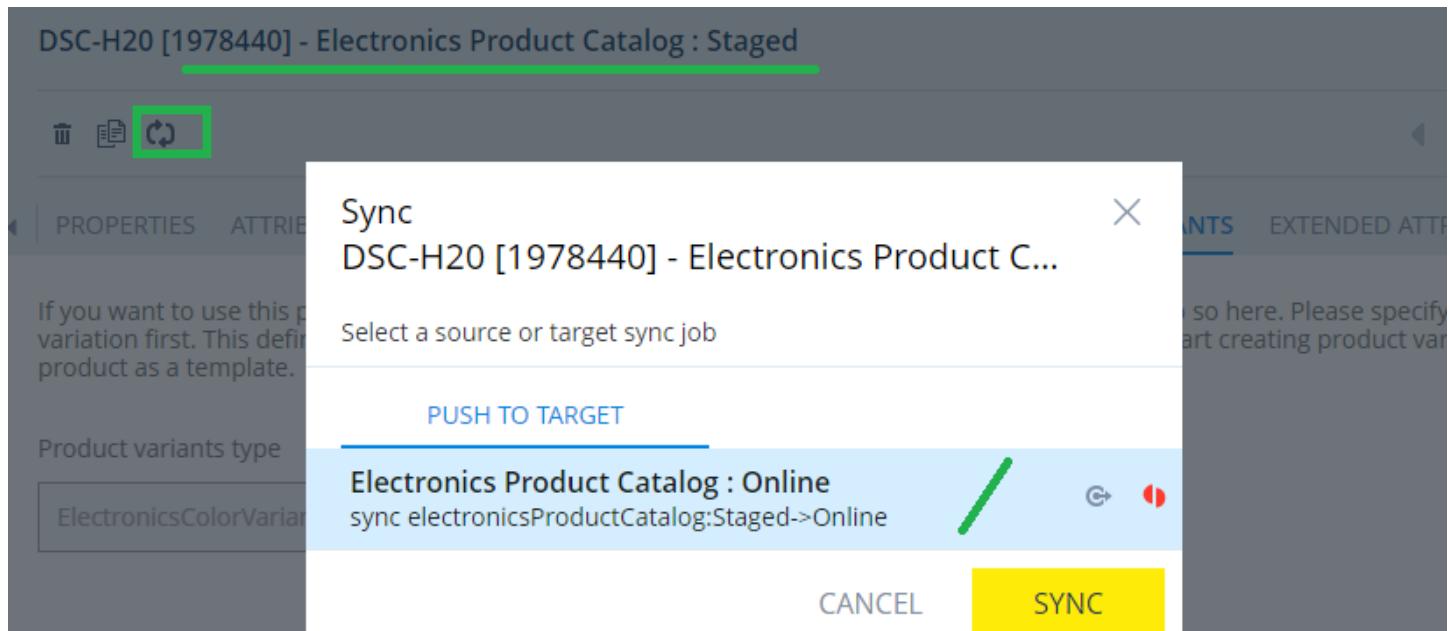
Product variants type

ElectronicsColorVariantProduct

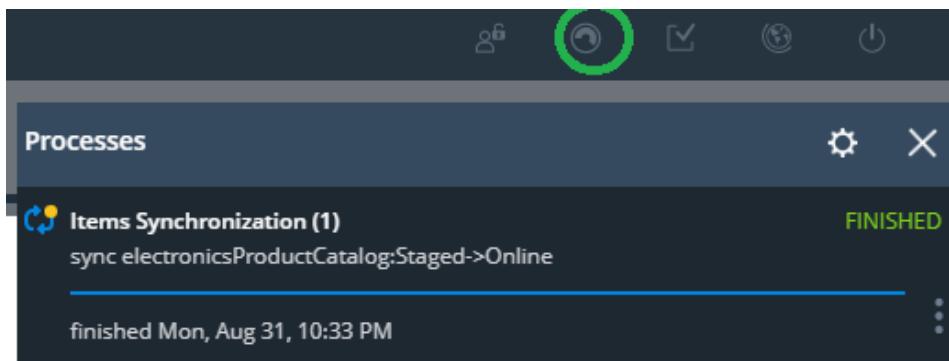
Product Variants

- DSC-H20 Blue [1978440_blu...]
- DSC-H20 Green [1978440_gr...]
- DSC-H20 Red [1978440_red] ...
- [ChennaRRRS] - Electronics ...

Step 2 = Now performt the Sync



==> Check the **Sync Status** Results



Step 3 = Test the results in Website

The screenshot shows a website product page for a 'Sony DSC-H20 Red' camera. The price is listed as '\$507.64'. On the right, there's a dropdown menu for selecting a color variant. The options shown are 'COLOR RED, \$507.64 87', 'PLEASE SELECT VARIANT', 'COLOR, 0', 'COLOR RED, \$507.64 87', 'COLOR GREEN, \$507.64 87', and 'COLOR BLUE, \$507.64 87'. A red arrow points to the 'COLOR, 0' option, which is highlighted in blue. The page also includes a 'Product review summary' section and a large image of the camera.

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Step 4 = Newly added variant is not having price.

Q = How to configure the price?

The screenshot shows the YAC catalog management interface. On the left, there's a sidebar with categories: Catalog, Catalogs, Catalog Versions, Categories, Products (which is selected and highlighted in green), Product Variant Types, Units, and Keywords. The main area has a search bar at the top with filters for 'Product', 'Global Operator: And', and 'Include subtypes'. Below the search is a table with columns: Attribute, Comparator, Value, and Sort Order. A row is being edited for 'Article Number' with 'Contains' as the comparator and 'Chenna' as the value. The table title is '[ChennaRRRS] - Electronics Product Catalog : Staged'. Below the table, tabs include PROPERTIES, ATTRIBUTES, BUNDLING, CATEGORY SYSTEM, PRICES (which is selected and highlighted in blue), MULTIMEDIA, VARIANTS, EXTENDED ATTRIBUTES, and REFERENCE. Under the PRICES tab, there's a button '+ Create new Price Row'. A modal window titled 'Create New Price Row' is open, showing fields for Price (1234), Unit (Piece [pieces]), Scale (1), Currency (US Dollar [USD]), and Pricing (Gross). Buttons for CANCEL, NEXT, and DONE are at the bottom right of the modal.

Step 5 = Now Perform the Sync & Check the Sync Status Results

Step 6 = Test the results in Website

The screenshot shows a product page for a 'DSC-H20 Red' camera. The page includes a header with a search bar, a navigation menu with links like 'BRANDS', 'DIGITAL CAMERAS', 'FILM CAMERAS', etc., and a breadcrumb trail: HOME / OPEN CATALOGUE / CAMERAS / DIGITAL CAMERAS / DIGITAL COMPACTS / DSC-H20. The price is listed as '\$507.64'. Below the price, the product name 'DSC-H20 Red | ID 1978440_red' is shown. A 'Product review summary' section is present. To the right, a dropdown menu for selecting a color variant is shown, with 'COLOR RED, \$507.64 87' highlighted in blue. A green annotation with the text 'Now -- New Variant is having the Price.' points to this item. The dropdown also lists 'COLOR RED, \$1,234.00 0', 'COLOR GREEN, \$507.64 87', and 'COLOR BLUE, \$507.64 87'.

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Scenario = Only Approved Products will be display in Storefront / Website

The screenshot shows the SAP CX Backoffice interface for managing products. On the left, a sidebar lists categories like Catalog, Catalogs, Catalog Versions, Categories, Products, Product Variant Types, Units, and Keywords. Under 'Products', there is a 'SAVED QUERIES' section with 'No queries'. The main content area is titled 'DSC-W180 [3325048] - Electronics Product Catalog : Online'. It displays product details: Article Number (3325048), Identifier (DSC-W180), Catalog version (Electronics Product Catalog : O...), and Approval (approved). A blue box highlights the 'Approval' field. Below this is a 'VALIDITY PERIOD' section with 'Online from' (Aug 31, 2020 10:07:09 PM) and 'Online to' (Sep 6, 2020 10:07:13 PM). A red note on the right states: 'Note: - If we do not specify the Validity Period then Product Validity = Infinite'.

The screenshot shows the SAP CX storefront for a '2GB SD Card' (ID 443175). The URL is localhost:9002/yacceleratorstorefront/electronics/en/Open-Catalogue/Data-storage/Flash-Memory/2GB-SD-Card/p/443175. The page title is 'B2C Accelerator'. It shows a navigation menu with 'BRANDS', 'DIGITAL CAMERAS', 'FILM CAMERAS', 'HAND HELD CAMCORDERS', 'WEBCAMs', and 'POWER SUP...'. Below the menu, the breadcrumb path is: HOME / OPEN CATALOGUE / DATA STORAGE / FLASH MEMORY / 2GB SD CARD. The main content area shows the product details: '2GB SD Card | ID 443175' and 'Product review summary'. A green arrow points from the storefront screenshot to the SAP CX Backoffice screenshot above, specifically highlighting the 'Approval' field.

Scenario = Only Valid date Products will be display in Website.

Note = If we do not specify the validity period then “SAP Comm” consider Product validity = Infinite.

The screenshot shows the SAP CX Backoffice interface for managing products. The layout is identical to the previous one, with the sidebar, product details, and validity period section. The 'Approval' field is highlighted with a blue box. A red note on the right states: 'Note: - If we do not specify the Validity Period then Product Validity = Infinite'.

Screenshot of the SAP CX Backoffice showing the product details for a 2GB SD Card (ID 443175). The product is listed in the Electronics Product Catalog : Online. The validity period is shown as "No Dates". A green arrow points from the "No Dates" text to the "VALIDITY PERIOD" section. Another green arrow points from the "Write a Review" link to the review summary section.

Screenshot of the SAP CX Backoffice showing the product details for a 2GB SD Card (ID 443175). The product is listed in the Electronics Product Catalog : Online. The validity period is shown as "May 30, 2021 2:23:47 AM" to "May 31, 2021 2:23:50 AM". A red arrow points from the "Bcoz -- These are future dates" text to the "VALIDITY PERIOD" section.

Scenario = Let's say in cart we added have 3 items (or) products [P1, P2 & P3] on 20th May.

Screenshot of the SAP CX Backoffice showing the shopping cart contents. Three items are added: P1 (The Brick Beanie haze Uni), P2 (Incision Leather Belt shadow grey SM), and P3 (1-Chenna RRRS - Limited Jacket deepest black M). The text "Added May 20th" is overlaid on the cart page. A green arrow points from the "Added May 20th" text to the cart header.

ITEM (STYLE NUMBER)	PRICE	QTY	DELIVERY
The Brick Beanie haze Uni 300395984 Style: haze Size: Uni In Stock	£14.54	1	SHIP
Incision Leather Belt shadow grey SM 300608309 Style: shadow grey Size: SM In Stock	£40.46	1	SHIP
1-Chenna RRRS - Limited Jacket deepest black M 300678848 Style: deepest black Size: M In Stock	£485.96	1	SHIP

On May 22nd – P2 is unapproved

On May 22nd - P1 is not having valid dates

On May 23rd – P3 is not having QTY

Q = What happens to the cart when you come back on May 24th?

When we click on → **Checkout [In Cart page]**

The screenshot shows a browser window for 'Your Shopping Cart | Electronics' on 'SAP CX Backoffice'. The cart summary at the top right shows '(3 ITEMS) \$328.24'. Below it, there's a search bar and navigation links for brands and categories like DIGITAL CAMERAS, FILM CAMERAS, etc. A 'HOME / CART' link is present. Two error messages are highlighted with red boxes: 'Unfortunately FUN Flash Single Use Camera, 27+12 pic was removed from your cart as it is no longer available.' and 'Unfortunately 1V was removed from your cart as it is no longer available.' Both messages are preceded by a small exclamation icon.

```
295- @Override
296 public List<CommerceCartModification> validateCart(final CommerceCartParameter parameter)
297 {
298     final CartModel cartModel = parameter.getCart();
299     final List<CommerceCartModification> modifications = new ArrayList<CommerceCartModification>()
300     final boolean callHooks = getCartValidationHooks() != null && (parameter.isEnableHooks() && g
301         .getConfiguration().getBoolean(CommerceServicesConstants.CARTVALIDATIONHOOK_ENABLED, tr
302     if (callHooks)
303     {
304         this.beforeValidateCart(parameter, modifications);
305     }
306
307     cleanCart(cartModel);
308
309     if (cartModel != null && cartModel.getEntries() != null && !cartModel.getEntries().isEmpty())
310     {
311
312         for (final AbstractOrderEntryModel orderEntryModel : cartModel.getEntries())
313         {
314             modifications.add(validateCartEntry(cartModel, (CartEntryModel) orderEntryModel));
315         }
316     }
317 }
```

Code Logic =

When Item is not valid then this message is coming ...
What is logic for this?

Unfortunately 1V was removed from your cart as it is no longer available.

CONTINUE SHOPPING CHECK OUT

Step 1 =

File Edit Navigate **Search** Project Run SAP Window Help

Project Explorer base_en.properties

base_en.properties

184 basket.validation.entryGroupError
185 basket.validation.invalidGroup
186 basket.validation.lowStock
187 basket.validation.movedFromPostToStore
188 basket.validation.couponNotValid
189 basket.validation.voucherNotValid
190 basket.validation.noStock
191 basket.validation.unavailable

your cart as it is no longer available.

File Search Task Search Git Search Java Search Plug-in Search

Containing text: **your cart as it is no longer available.**

File name patterns (separated by comma): *.properties

Scope: Workspace

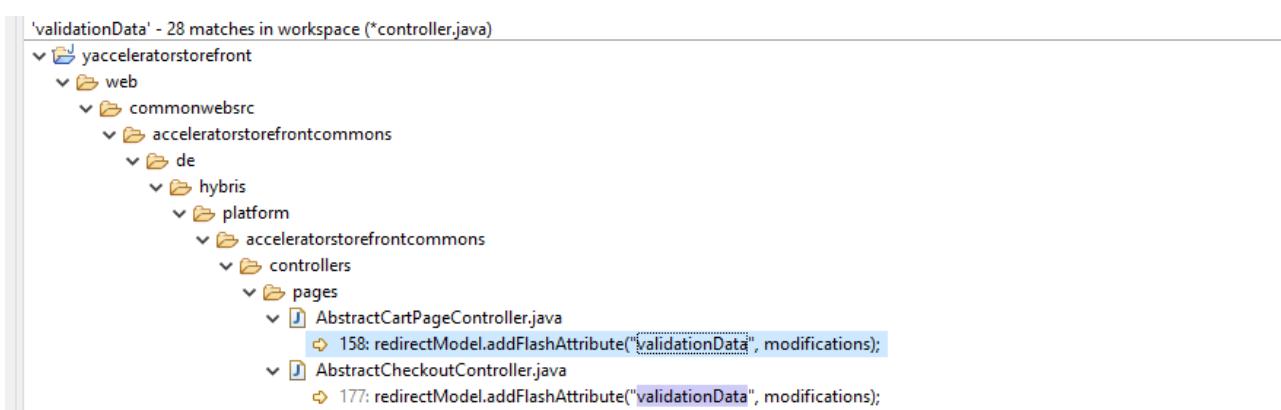
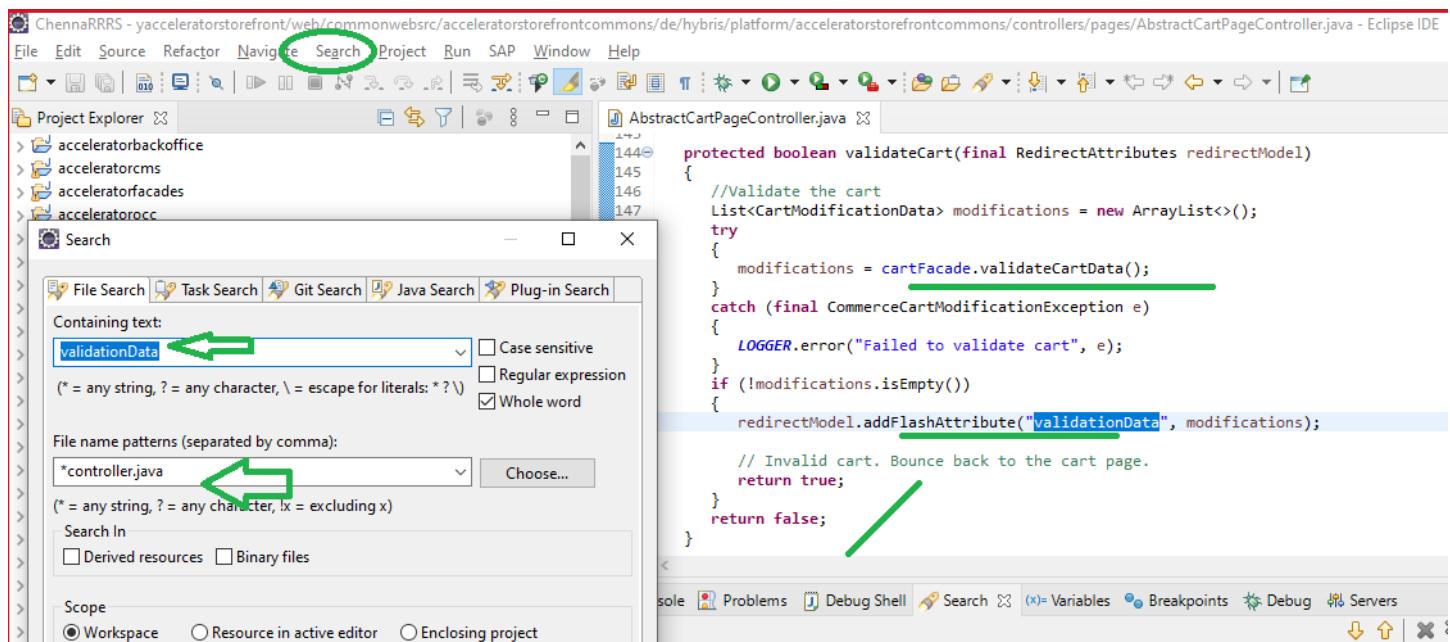
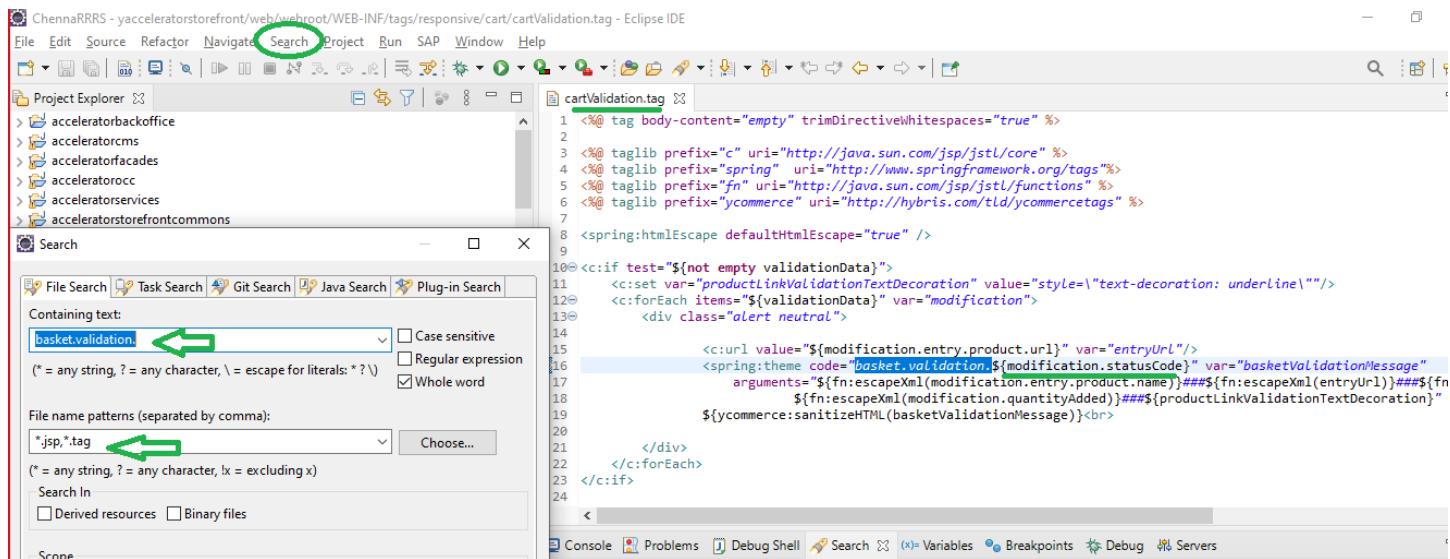
your cart as it is no longer available. - 2 matches in workspace (*.properties)

yacceleratorstorefront/web/webroot/WEB-INF/messages/base_en.properties

191: basket.validation.unavailable

= Unfortunately {0} was removed from your cart as it is no longer available.

Step 2 =



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Scenario = Gallery Images

DSC-W180 | Digital Compacts | X +

Not secure | localhost:9002/yacceleratorstorefront/electronics/en/Open-Catalogue/Cameras/Digital-Cameras/Digital-Compacts/DSC-W180/p/3325048

ADD TO CART

DSC-W180 [3325048] - Electronics Product Catalog : Online

Backoffice

MULTIMEDIA

ADDITIONAL MULTIMEDIA OBJECTS

Specifications Details Logos Normals

Others Thumbnails Gallery Images

[3325048-9081] - Electronics Pr...
[429430-1816] - Electronics Pro...

Multimedia

Media

Media Folders

Media Containers

Media Formats

Media Contexts

OS (C:) > rrrssoftware > hybris > data > media > sys_master > images >

library Share with Burn New folder

Name	Date modified	Type
h00	OS (C:) > rrrssoftware > hybris > data > media > sys_master > images > h0b > h03	
h0a		
h0b		
h0c		

library Share with Slide show Burn New folder

8796284780574

Scenario = Product – Reviews & Ratings

Step 1 = Chenna submitted the “Reviews & Rating” for P# = 300416140.

<https://localhost:9002/yacceleratorstorefront/electronics/en/Categories/Accessories/Belts/Studded-Belt/p/300416140>

SAP CX Backoffice

Studded Belt cardinal M | Belts | X | +

Not secure | localhost:9002/yacceleratorstorefront/electronics/en/Categories/Accessories/Belts/Studded-Belt/p/300416140

PRODUCT DETAILS | SPECS | **REVIEWS** | SHIPPING

WRITE A REVIEW

SHOW ALL

REVIEW TITLE
Good Product

REVIEW DESCRIPTION
I have take this product 10 days back. Looks good.

YOUR RATING
★★★★★

YOUR NAME (OPTIONAL)
Chenna

SUBMIT REVIEW

Step 2 = Now RRRS is coming the P# = 300416140. Not able to see the “Reviews & Ratings”.

Studded Belt cardinal M | Belts | X | New Tab | +

Not secure | localhost:9002/yacceleratorstorefront/electronics/en/Categories/Accessories/Belts/Studded-Belt/p/300416140

PICK UP

PRODUCT DETAILS | SPECS | **REVIEWS** | SHIPPING

For RRRS - It's not showing

WRITE A REVIEW

Contact Us = ChennaReddyTraining@RRRS.CO.IN

Step 3 = Goto backoffice & check the Product “Reviews & Ratings”.

Studded Belt cardinal M [300416140] - Apparel Product Catalog : Staged

REVIEWS

We are not seeing any "Reviews & Ratings" submitted by Chenna. Why? =
Bcoz Website is connected with Online Products.

Article Number	Identifier	Catalog version	Approval
300416140	Studded Belt cardinal M	Apparel Product Catalog : Staged	approved

PRODUCT REVIEWS

Average rating	Number of reviews	Product reviews	Persisted Total Reviews
	0	+ Create new Customer review	0

Studded Belt cardinal M [300416140] - Apparel Product Catalog : Online

REVIEWS

PRODUCT REVIEWS

Average rating	Number of reviews	Product reviews						
5	2	<table border="1"> <thead> <tr> <th>Rating</th> <th>Product</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Studded Belt...</td> </tr> <tr> <td>5</td> <td>Studded Belt...</td> </tr> </tbody> </table>	Rating	Product	5	Studded Belt...	5	Studded Belt...
Rating	Product							
5	Studded Belt...							
5	Studded Belt...							

+ Create new Customer review

Studded Belt cardinal M [300416140] - Apparel Product Catalog : Online

REVIEWS

PRODUCT REVIEWS

Average rating	Number of reviews	Product reviews						
		<table border="1"> <thead> <tr> <th>Rating</th> <th>Product</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>Studded Belt...</td> </tr> <tr> <td>5</td> <td>Studded Belt...</td> </tr> </tbody> </table>	Rating	Product	5	Studded Belt...	5	Studded Belt...
Rating	Product							
5	Studded Belt...							
5	Studded Belt...							

Edit item 5.0 - PENDING - false - Good Product

Remove

Edit Details

Approval status

Approved

Step 4 = Results

The screenshot shows a product review section on a web page. At the top, there are tabs for 'PRODUCT DETAILS', 'SPECs', 'REVIEWS' (which is highlighted with a green border), and 'SHIPPING'. Below the tabs, there is a button labeled 'WRITE A REVIEW'. Two reviews are listed:

- Good Product**
★★★★★
I have taken this product 10 days. Looks good.
Chenna (20/05/2021)
- Good Product**
★★★★★
I have taken this product 10 days. Looks good.
Chenna (20/05/2021)

Scenario = Product - PICK UP IN STORE

The screenshot shows a product page for a red belt. The quantity selector shows '1' with a minus and plus button. Below it, a message says 'only 1 left online'. On the right, there are two buttons: 'ADD TO BAG' and 'PICK UP IN STORE'. A large green arrow points to the 'PICK UP IN STORE' button.

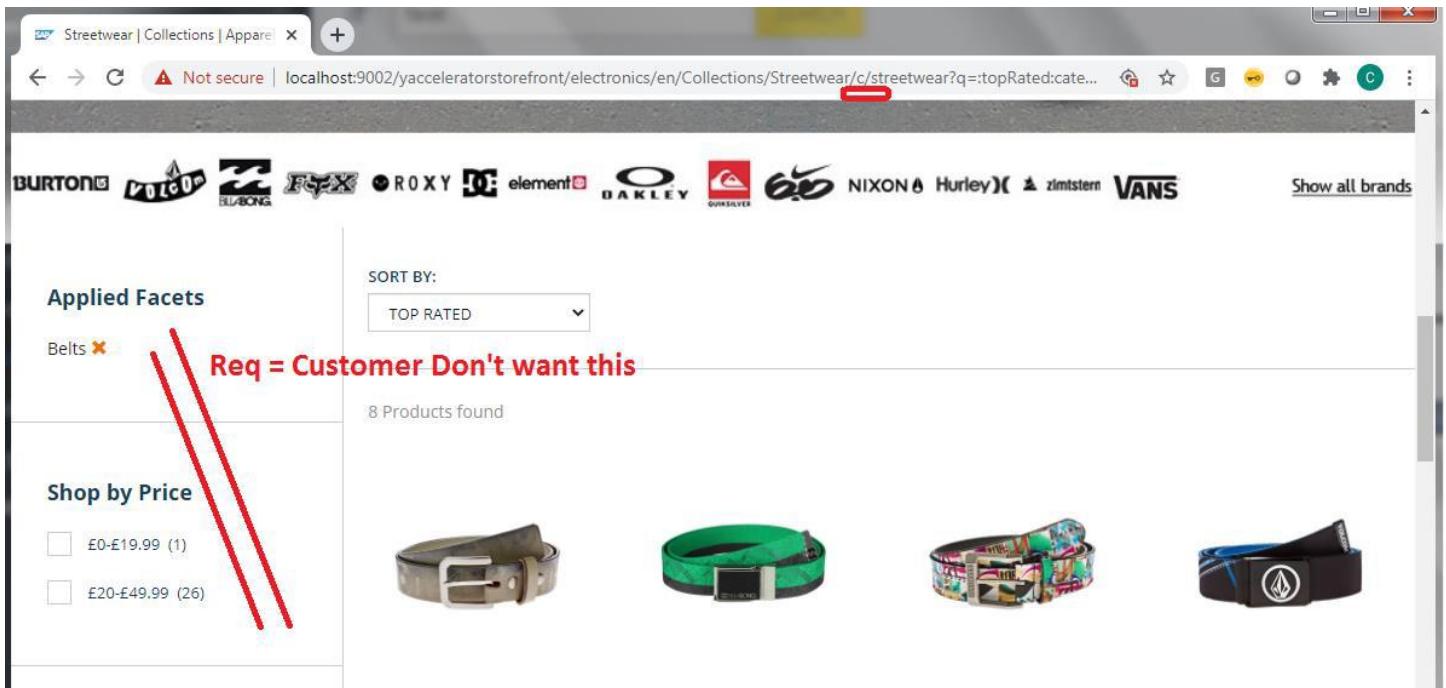
Scenario = Product - NOTIFY ME WHEN IN STOCK

The screenshot shows a product page for a black belt with 'BILLABONG' branding. The quantity selector shows '1'. Below it, a message says 'OUT OF STOCK'. On the right, there is a button labeled 'NOTIFY ME WHEN IN STOCK' with an envelope icon. A large green arrow points to this button.

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Scenario = Let's say – Customer don't want **Facets** in Category page.

How to hide components [Facet Comp ... Breadcrumb Comp ... Search Comp ... Logo Comp...]?



Solution =

The screenshot shows the AEM authoring interface. On the left, a sidebar lists 'types' and 'Component' under 'WCMS'. The main panel shows a search bar with 'facet' typed into it, and a table listing a single component: 'RefinementFacetComponent'. The component details show it is a 'Product Refinement Facet Component' for 'Apparel UK Content Catalog : Online' with visibility set to 'true'. Below this, another section for 'Product Refinement Facet Component' is shown with a 'REFRESH' button. At the bottom, the 'VISIBLE' section has a 'Visible' dropdown with 'True' and 'False' options, where 'False' is highlighted with a green circle.

Scenario = Product Localized Column / Field? = Product No – 300614710

The screenshot shows the SAP Hybris Catalog interface. On the left, the navigation bar includes Home, Inbox, System, Catalog, Catalogs, Catalog Versions, Categories, and Products. Under Catalog, Catalogs and Products are highlighted with green lines. The main area displays a product detail page for "Enterprise Cap black/red LXL [300614710] - Apparel Product Catalog : Online". The "DESCRIPTIONS" tab is selected. It shows two language versions: en (selected) and de. The en version contains the text "Piece [pieces]" under the "Sales unit" field. A green annotation points to this field with the text "This is localized Column". The de version is currently empty.

The screenshot shows the Eclipse IDE interface with the title "Photon - platform/ext/core/resources/core-items.xml - Eclipse IDE". The Project Explorer view shows files like beans.xsd, commons-logging.properties, core-advanced-deployment.xml, core-beans.xml, core-cache.xml, core-cache.xml.singleregion, core-filter-spring.xml, core-items.xml (highlighted with a green line), core-jmx-spring.xml, core-media-spring.xml, and core-profiling-spring.xml. The core-items.xml file is open in the editor, showing XML code. A specific line is highlighted with a blue selection: <attribute autorecreate="true" qualifier="description" type="localized:java.lang.String"/>. A green annotation points to this line with the text "This is localized Column".

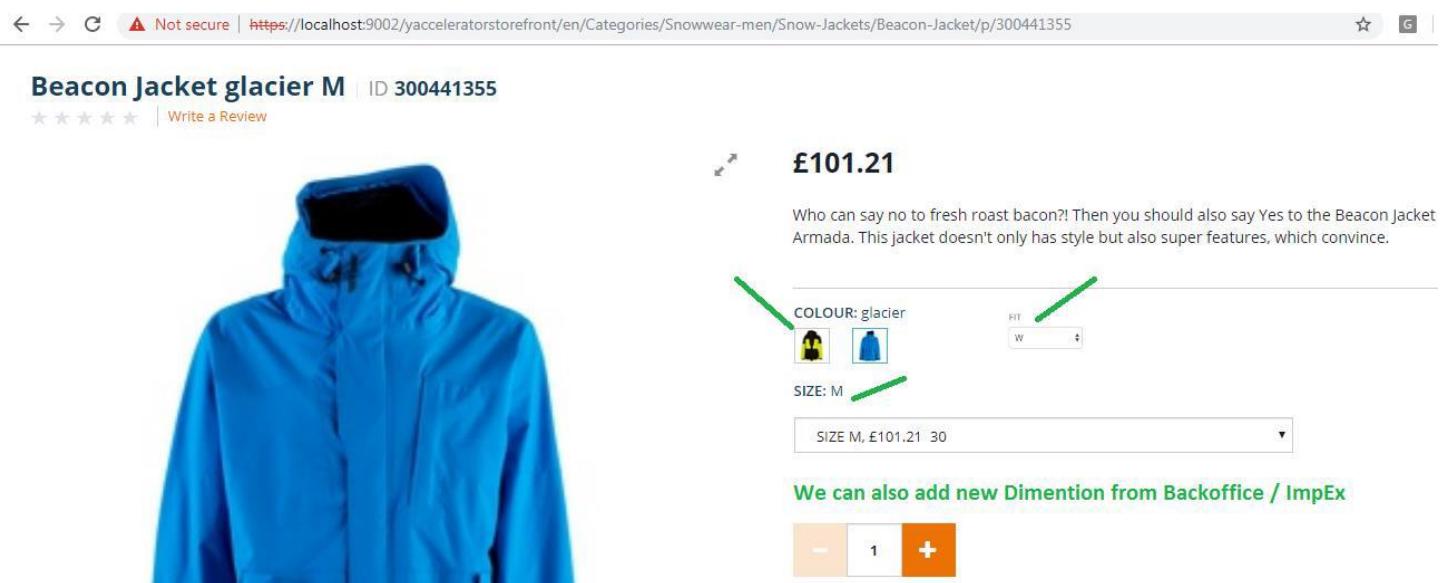
The screenshot shows the SAP Hybris Catalog interface. The left sidebar has the same navigation as before. The main area shows the product detail page for "Enterprise Cap black/red LXL [300614710]". The "DESCRIPTIONS" tab is selected, showing the en and de language versions. The en version contains the text "I am Apparel-UK Product Desc (English)". The de version contains the text "Ich bin Apparel-UK Product Desc (Deutsch)". Two red arrows point from these localized descriptions to two browser windows at the bottom. The top window is titled "Apparel-UK (English)" and shows the English description. The bottom window is titled "Apparel-DE (German)" and shows the German description. A green annotation points to the URL in the browser address bar of the top window with the text "Not secure | https://localhost:9002/yacceleratorstorefront/en/p/300614710".

Scenario = Multi dimension Product Catalog

SAP Comm has introduced a powerful concept which offers more flexibility in Product Variant configuration as compare to earlier model. Now, a base product can hold wide variety of variants with different combinations.

Product variant is a product that varies from base product in some way that creates uniqueness but not independence. In current design, a product can hold multiple dimension like color, size, fit etc. We can easily add, remove, rename dimensions to the product. So, the same base product can hold a variety of variants.

Example = Shoe products, we can have dimensions like color, size, and fit.

A screenshot of a SAP Commerce storefront. At the top, it shows the URL https://localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Beacon-Jacket/p/300441355. Below the URL, the product name is "Beacon Jacket glacier M | ID 300441355". There are five stars and a "Write a Review" button. To the right, the price is listed as £101.21. The product image is a blue Beacon Jacket. To the right of the jacket, there are three dropdown menus: "COLOUR: glacier" (with options yellow and blue), "SIZE: M" (selected), and "FIT: W" (selected). A green box highlights the "SIZE: M" selection. Below these, a dropdown menu shows "SIZE M, £101.21 30". A green box highlights the "We can also add new Dimension from Backoffice / ImpEx" text. At the bottom, there is a quantity selector with a minus sign, a value of 1, and a plus sign. A green box highlights the "Blue:VariantValueCategory" node in a UML-like diagram below.

Beacon Jacket glacier M | ID 300441355

★★★★★ | Write a Review

£101.21

Who can say no to fresh roast bacon?! Then you should also say Yes to the Beacon Jacket Armada. This jacket doesn't only has style but also super features, which convince.

COLOUR: glacier

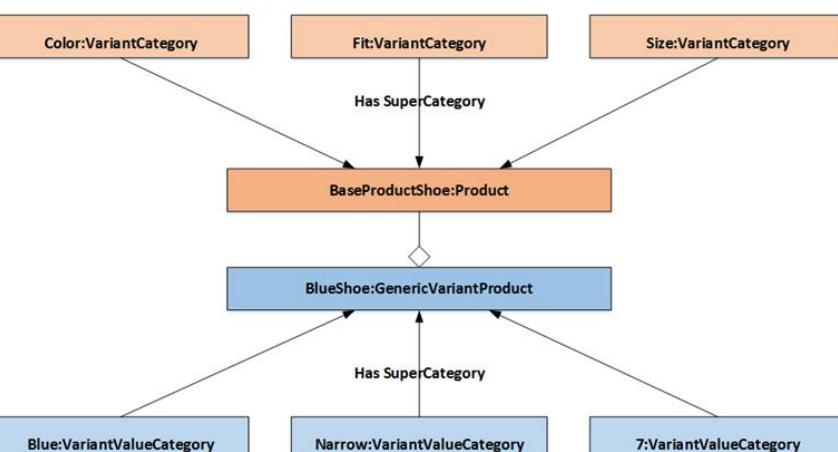
FIT: W

SIZE: M

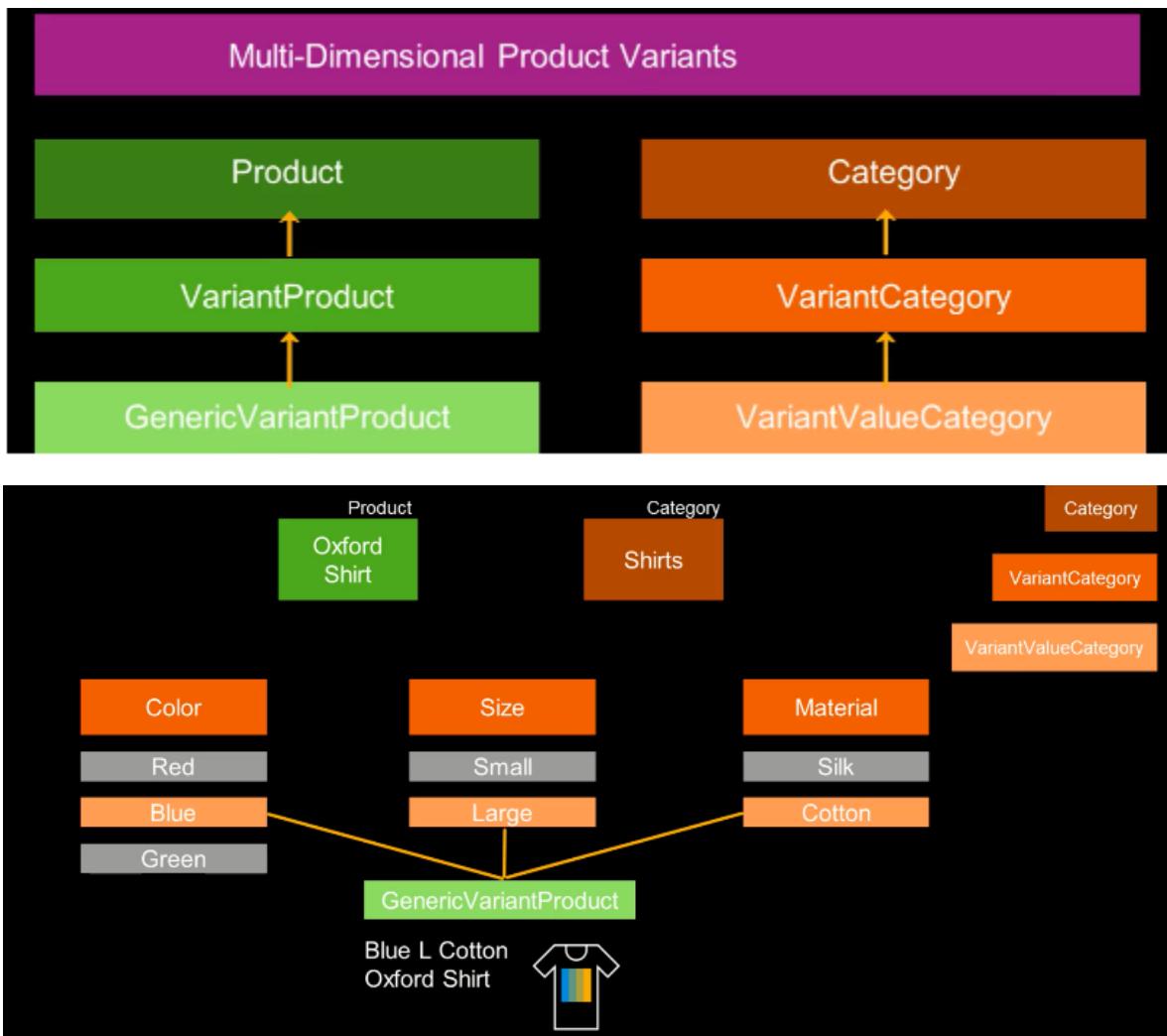
SIZE M, £101.21 30

We can also add new Dimension from Backoffice / ImpEx

- 1 +



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Endurance PR Waterproof 6" Steel Toe

← → C ⓘ Not secure | localhost:9002/yb2bacceleratorstorefront/powertools/en/USD/Open-Catalogue/Safety/Footwear/Men%27s/Endurance-PR-Waterproof-6"...

POWER DRILLS ANGLE GRINDERS SCREWDRIVERS SANDERS MEASURING & LAYOUT TOOLS HAND TOOLS SAFETY

HOME / OPEN CATALOGUE / SAFETY / FOOTWEAR / MEN'S / ENDURANCE PR WATERPROOF 6" STEEL TOE

Endurance PR Waterproof 6" Steel Toe | ID 47591000

\$85.00 - \$97.00

Endurance PR Waterproof 6" Steel Toe

Product review summary

★★★★★ | Write a Review



COLOR

FIT

SIZE

Now -- Let's see how do the property values get assigned?

The screenshot shows the SAP CX Backoffice Product Cockpit interface. On the left, there is a sidebar with icons for catalogs, products, and core attributes. The main area displays a list of products. Two instances of the same product, "Endurance PR Waterproof 6" Steel Toe [47591000] - Powertools Product Catalog", are shown side-by-side. Each instance has a green checkmark icon next to it. The product details are identical: "Endurance PR Waterproof 6" Steel Toe [47591000] - Powertools Product Catalog".

The screenshot shows the SAP CX Backoffice Product Cockpit interface for the product "Endurance PR Waterproof 6" Steel Toe [47591000] - Powertools Product Catalog : Online". The "CATEGORY SYSTEM" tab is highlighted with a green oval. A callout box with a red arrow points from the "Supercategories" section to this tab, stating: "We can see -- Product is assigned to 3 VariantValueCategories, which correspond to the product's size, fit and color displayed on the storefront." The "Supercategories" listed are "Men's [1805] - Powertools Product Catalog : Online", "Color [B2B_Color] - Powertools Product Catalog : Online", "Fit [B2B_Fit] - Powertools Product Catalog : Online", and "Size [B2B_Size] - Powertools Product Catalog : Online". A green box highlights the "Color [B2B_Color] - Powertools Product Catalog : Online" entry. The right side of the screen shows "DATA QUALITY" sections for "CORE ATTRIBUTES" (green bar) and "MARKETING ATTRIBUTES" (red bar).

Scenario = PCM – Configuring the Cross-Selling Component?

Vendor displays related products when customer is in “PDP [Product Details Page]”. This maximize cross-selling potential

PowerShot A480 | ID 1934793

Product review summary

★★★☆☆ (2) | Show Reviews | Write a Review

\$90.77

PowerShot A480 - 10.0 MP, 3.3x optical, DIGIC III, 2.5" LCD, red

- 1 +

679 In Stock

CONFIGURE

ADD TO CART

PICK UP IN STORE

You may also like...

Product References Component
This can be added using SmartEdit.

==> Goto SmartEdit & Change

SmartEdit

Not secure | localhost:9002/smaredit/#!/storefront

SAP SmartEdit

Advanced Edit

BRANDS DIGITAL CAMERAS FILM CAMERAS HAND HELD CAMCORDER WEBCAMS POWER SUPPLIES FLASH MEMORY CAMERA ACCESSORIES & SUPPLIES

HOME / OPEN CATALOGUE / CAMERAS / DIGITAL CAMERAS / DIGITAL COMPACTS / POWERSHOT A480 Goto Same Location

PowerShot A480 | ID 1934793

Product review summary

★★★☆☆ (2) | Show Reviews | Write a Review

\$90.77

PowerShot A480 - 10.0 MP, 3.3x optical, DIGIC III, 2.5" LCD, red

- 1 +

CONFIGURE

ADD TO CART

PICK UP IN STORE

Product References Component Editor

- Display Product Prices
- Display Product Titles
- Maximum Number Of Products

Product Reference Types

- Similar
- Select an Option

Accessories	Mandatory
Base Product	<input checked="" type="checkbox"/> Select
Consists of	<input type="checkbox"/> Spare part
alternative order unit	<input type="checkbox"/> Others
Follow up	<input type="checkbox"/> Upselling
	<input type="checkbox"/> Cross-Selling

==> Goto Backoffice

Administration Cockpit

Filter tree (Alt+Down for options)

SEARCH

Article Number Identifier Status Catalog version

1934793	PowerShot A480	Electronics Product Catalog
---------	----------------	-----------------------------

0 ITEMS SELECTED

PowerShot A480 [1934793] - Electronics Product Catalog : Staged

REFRESH

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS

Product references

- ACCESSORIES -> 4GB CF Car...
- ACCESSORIES -> 32GB SDHC...
- SIMILAR -> DSC-H20 [19784...
- SIMILAR -> PowerShot A480 ...

Product references

- ACCESSORIES -> 4GB CF Car...
- ACCESSORIES -> 32GB SDHC...
- ACCESSORIES -> 4GB CF Car...
- SIMILAR -> DSC-H20 [19784...
- SIMILAR -> PowerShot A480 ...

Product References attribute allows us to group together the different types of related products we might want to cross-reference.

Scenario = Explain ProductReferences (or) How we can configure Similar Items (or) How we can configure “Cross-Selling” Products (or) How we can configure “Upselling” products (or)?

The screenshot illustrates the configuration of ProductReferences in the hybris Backoffice. It shows three main components:

- Code Editor:** Two XML files are shown: `catalog-items.xml` and `*catalog-items.xml`. The `*catalog-items.xml` file contains the definition for `ProductReference`, which includes attributes for `qualifier`, `target`, and `referenceType`.
- Database Schema:** A table named `PRODUCTREFERENCE` is displayed with columns such as `COLUMN_NAME`, `TYPE_N...`, and `IS_NULLA...`.
- Backoffice UI:** The `Commerce` module is open. The left sidebar shows the navigation path: `System > Types`. The right panel displays a list of `ProductReference` entries, with one entry highlighted.

The screenshot shows the SAP ERP interface with the 'types' module selected. The main area displays a table titled 'Product References'. The columns are 'Sourceproduct', 'Qualifier', and 'Targetproduct'. A green arrow points from the 'Sourceproduct' column to the 'Sourceproduct' field in the navigation bar below. Another green arrow points from the 'Targetproduct' column to the 'Targetproduct' field in the navigation bar below. The navigation bar also shows 'COMMON' and 'ADMINISTRATION' tabs, along with 'Sourceproduct' and 'Targetproduct' fields.

ProductReferences table mainly has 4 important Cols: -

- | | |
|-------------------|-------------------|
| 1) Source Product | 2) Target Product |
| 3) Reference Type | 4) Active |

The screenshot shows a storefront product page for a 'Beacon Jacket lime XXL'. The product ID '300441363' is highlighted with a red box. To the right, the text 'Source Product (In ProductReference)' is written in red, with a red arrow pointing to the product ID. Below the product, the text 'Target Products (In ProductReference)' is written in red, with a red arrow pointing to the 'Andover Jacket cardinal' product. The product page includes a large image of the jacket, its price (£101.21), a description, and a section for similar items.

Catalog

- Categories
- Product Variant Types
- Catalog Browser
- Products** (highlighted)
- Units
- Keywords
- Catalog Management Tools
- Classification Systems
- Multimedia
- User
- Order
- Price Settings
- Internationalization
- Marketing
- Cockpit
- Scripting
- WCMS
- Ticket System
- Base Commerce
- DeepLink URLs
- B2B Commerce
- B2B Approval Process

Editor - Apparel Size Variant

Save Reload Copy Delete Start Synchronization for this product

Properties	Attributes	Category System	Prices	Multimedia	Variants	Extended Attributes	Catalog Versions	BMEcat	Future Stock	Stock	...
Article Number:	300441363		Identifier:	Beacon Jacket lime XXL		Approval:	approved				
Catalog version:	apparelProductCatalog - Online		Approval:			...					
Base Product:	100191_lime - Beacon Jacket lime - (ap)						

Categories Containing This Product

Supercategories:

	Identifier	Description	Catalog version
190100	n/a	apparelProductCatalog - Online	
snow	n/a	apparelProductCatalog - Online	
Armada	n/a	apparelProductCatalog - Online	

Classified as:

	Identifier	Description	Classification System Version
The list is empty.			

Products referenced by this product (accessories, cross selling, etc.)

Product references:

Type	Marketingtext	Preselected	Active	Targetproduct
Follow up		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300399859 - Annex F
Cross-Selling		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300615227 - Solo Pa
Cross-Selling		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300453357 - Trace H
Similar		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300678854 - Limited
Similar		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300427204 - Kampai
Similar		<input type="checkbox"/>	<input checked="" type="checkbox"/>	300399420 - Bender

Inbox

- System
- Catalog**
- Catalogs
- Catalog Versions
- Categories
- Products**

SAVED QUERIES

No queries

Editor - Apparel Product Catalog : Online

Article Num... Identifier Status Catalog version

300441363 Beacon Jacket lime XXL Appare Product Catalog : Online

0 ITEMS SELECTED

Beacon Jacket lime XXL [300441363] - Apparel Product Catalog : Online

REFRESH SAVE

PROPERTIES ATTRIBUTES CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS BMECAT STOCK

Product references Promotions

- CROSSELLING -> Annex Pant bl...
- CROSSELLING -> Solo Parent...
- CROSSELLING -> Trace Helm ...

Catalog

- Catalogs
- Catalog Versions
- Categories
- Products**

SAVED QUERIES

No queries

Editor - Apparel Product Catalog : Online

Article Num... Identifier Status Catalog version

300441363 Beacon Jacket lime XXL Appare Product Catalog

0 ITEMS SELECTED

Beacon Jacket lime XXL [300441363] - Apparel Product Catalog : Online

REFRESH

PROPERTIES ATTRIBUTES CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS BMECAT

Product references Promotions

- CROSSELLING -> Annex Pant bl...
- CROSSELLING -> Trace Helm bl...

Package Explorer

```

13 # Macros / Replacement Parameter definitions
14 $productCatalog=apparelProductCatalog
15 $catalogVersion=catalogversion(catalog(id[default=$productCatalog]),version[default='Stage'])
16
17 # Insert Product References
18 INSERT_UPDATE ProductReference source(code,$catalogVersion)[unique=true];target(code,$catalogVersion)
19 ;100746_flogging_pink;100744_pool_green;SIMILAR
20 ;94374_air;94714_blue;SIMILAR
21 ;94374_air;94714_royal;SIMILAR
22 ;94374_air;95464_team_blue;SIMILAR
23 ;94374_air;122312_lime;CROSELLING
24 ;94374_air;117911_white;CROSELLING
25 ;94374_air;92905_brown_w+bronze_flash;CROSELLING
26 ;95464_nori_population;95464_gold_medal_panhandle;SIMILAR
27 ;95464_nori_population;95464_astro_turf_dot_matrix;SIMILAR
28 ;95464_nori_population;132871_deepest_black;CROSELLING
29 ;95464_nori_population;117909_white;CROSELLING
30 ;95464_nori_population;122059_white;CROSELLING
31 ;95464_nori_population;92905_brown_w+bronze_flash;CROSELLING
32 ;84574_seaweed;121924_fire_red;CROSELLING
33 ;84574_seaweed;121939_black;CROSELLING
34 ;84574_seaweed;84574_white7;SIMILAR
35 ;84574_seaweed;121868_heron_blue;SIMILAR
36 ;84574_seaweed;121868_black;SIMILAR
37 ;121868_black;124693_black;CROSELLING
38 ;121868_black;121941_logo;CROSELLING

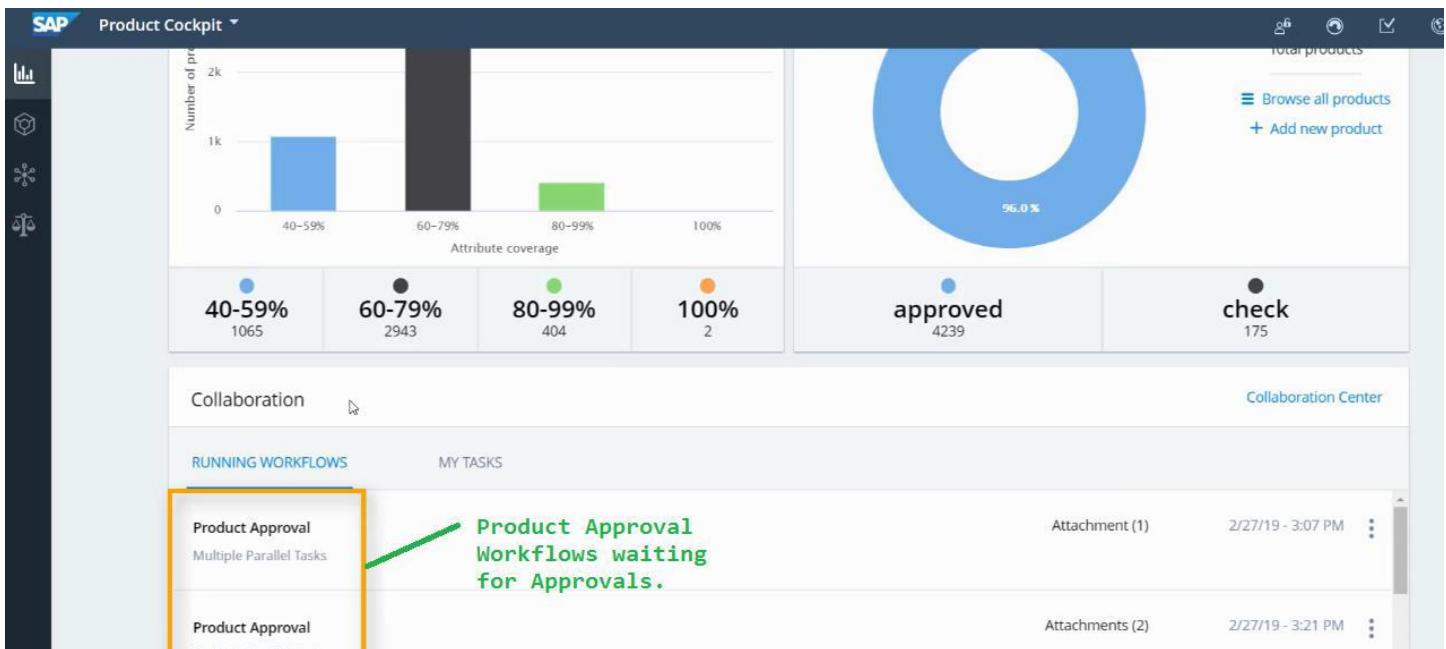
```

Info Content Row Count Columns Primary Key Exported Keys Imported Keys Indexes Privileges

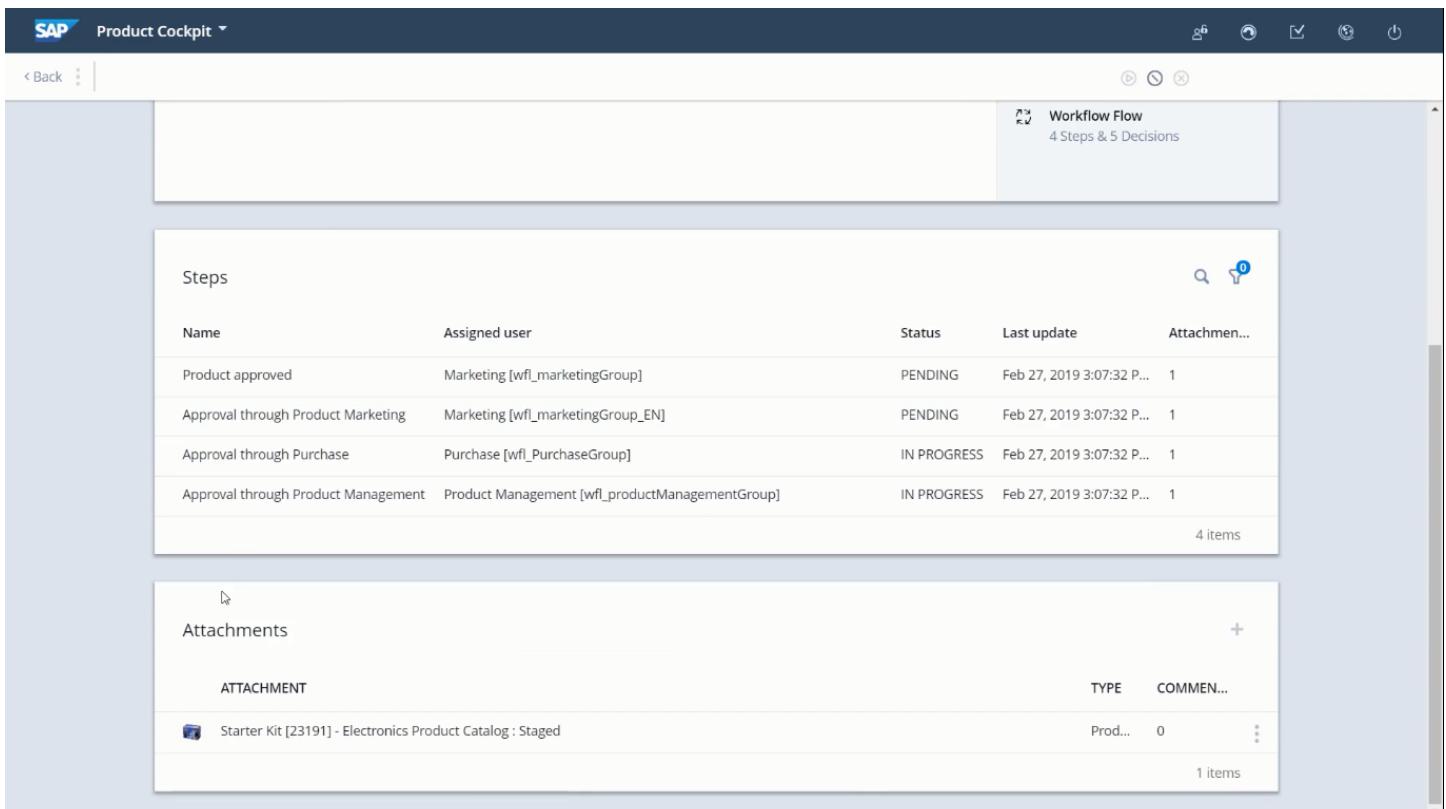
	QUANTITY	P_REFERENCECTYPE	P_ICON	P_PRESEL...	P_ACTI...	P_SOURC...	P_SOURCE
PRODUCTFEATURES611SN	ull>	8796101509211	<null>	0	1	0	8796093644801
PRODUCTORDERLIM2000SN	ull>	8796101509211	<null>	0	1	1	8796093644801
PRODUCTORDERLIMITS	ull>	8796101509211	<null>	0	1	0	8796106850305
PRODUCTPROPS	ull>	8796101410907	<null>	0	1	0	8796096462849
PRODUCTREFERENC606SN	ull>	8796101410907	<null>	0	1	1	8796096462849
PRODUCTREFERENCES	ull>	8796101410907	<null>	0	1	0	8796096495617
PRODUCTREFERENCESLP	ull>	8796101410907	<null>	0	1	0	8796097806337
PRODUCTS	ull>	8796101410907	<null>	0	1	0	8796101246977
PRODUCTS1SN	ull>	8796101410907	<null>	0	1	1	8796101246977
PRODUCTS4RESTRI1081SN	ull>	8796101410907	<null>	0	1	2	8796101410817
PRODUCTS4RESTRICTION	ull>	8796101410907	<null>	0	1	0	8796102623233
PRODUCTSLP	ull>	8796101410907	<null>	0	1	0	8796102721537
PRODUCTTAXCODES	ull>	8796101410907	<null>	0	1	0	8796141027329
PRODUCTTAXCODES2026SN	ull>	8796101410907	<null>	0	1	0	8796142338049
PRODUCTVENDORRE2010SN	ull>	8796101410907	<null>	0	1	0	8796145942529
PRODUCTVENDORREL	ull>	8796101410907	<null>	0	1	0	8796147154945
PROMOTION	ull>	8796101410907	<null>	0	1	0	8796147253249
PROMOTION5010SN	ull>	8796101410907	<null>	0	1	0	
PROMOTIONACTION	ull>	8796101410907	<null>	0	1	0	
PROMOTIONACTION5010SN	ull>	8796101410907	<null>	0	1	0	

Scenario = Approve a Product Using the Welcome Dashboard in SCC?

Step 1 = Goto Product Cockpit & You can see Collaboration Component



Step 2 = Open 1 Workflow by Clicking on Title & You can see full details



Step 3 = Perform Approval Operations

SAP Product Cockpit

The dashboard displays various metrics and links:

- Attribute coverage:** Bar chart showing counts for 40-59%, 60-79%, 80-99%, and 100% coverage.
- Approval status:** Donut chart showing 96.0% approved and 4.0% pending.
- Collaboration:** Buttons for 'approved' (4239) and 'check' (175).
- RUNNING WORKFLOWS:** Multiple Parallel Tasks, Approval through Product Management (highlighted with a green box), and Approval through Purchase.
- MY TASKS:** Product Approval tasks.
- Attachment:** Attachment (1) from 2/27/19 - 3:07 PM.
- Approval through Product Management:** Attachment (2) from 2/27/19 - 3:21 PM.

SAP Product Cockpit

PROPERTIES tab selected. Product details:

- Article Number:** 23191
- Identifier:** Starter Kit
- Catalog version:** Electronics Product Catalog : Staged
- Approval:** approved (highlighted with a green box)

Starter Kit [23191] - Electronics Product Catalog : Staged

Image of the Starter Kit box.

SAP Product Cockpit

PROPERTIES tab selected. Synchronization process:

- Step 1:** Sync dialog for Starter Kit [23191] - Electronics Product Catalog Online. Buttons: CANCEL, SYNC.
- Step 2:** Confirmation dialog for Step 2.
- Step 3:** Confirmation dialog for Step 3, showing 'Done!' and 'CONFIRM' button.

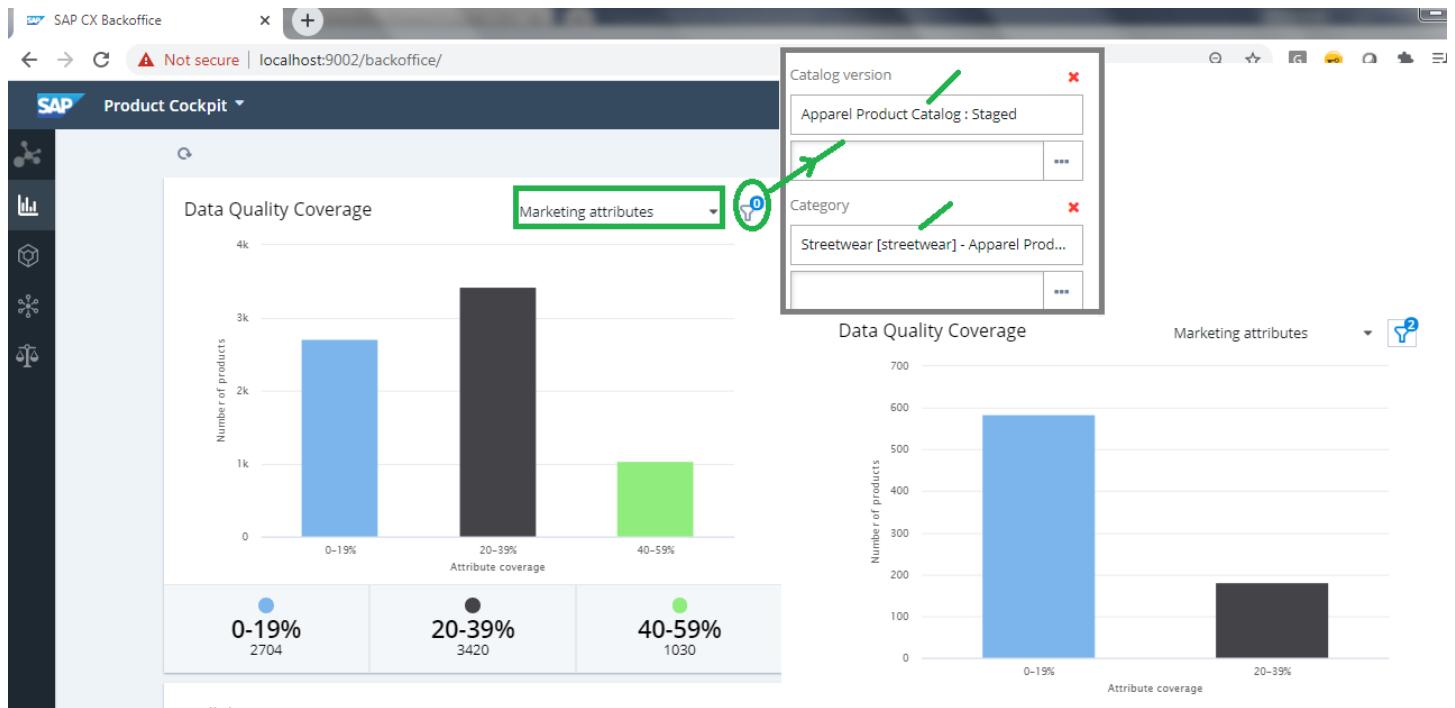
Details on the right pane:

- Starter Kit [23191] - Electronics Product Catalog : Staged**
- Sync Status:** Done!
- Choose action:** CONFIRM
- Catalog Synchronization:** out of sync

Scenario = Filter the Product Catalog Using Welcome Dashboard in SCC?

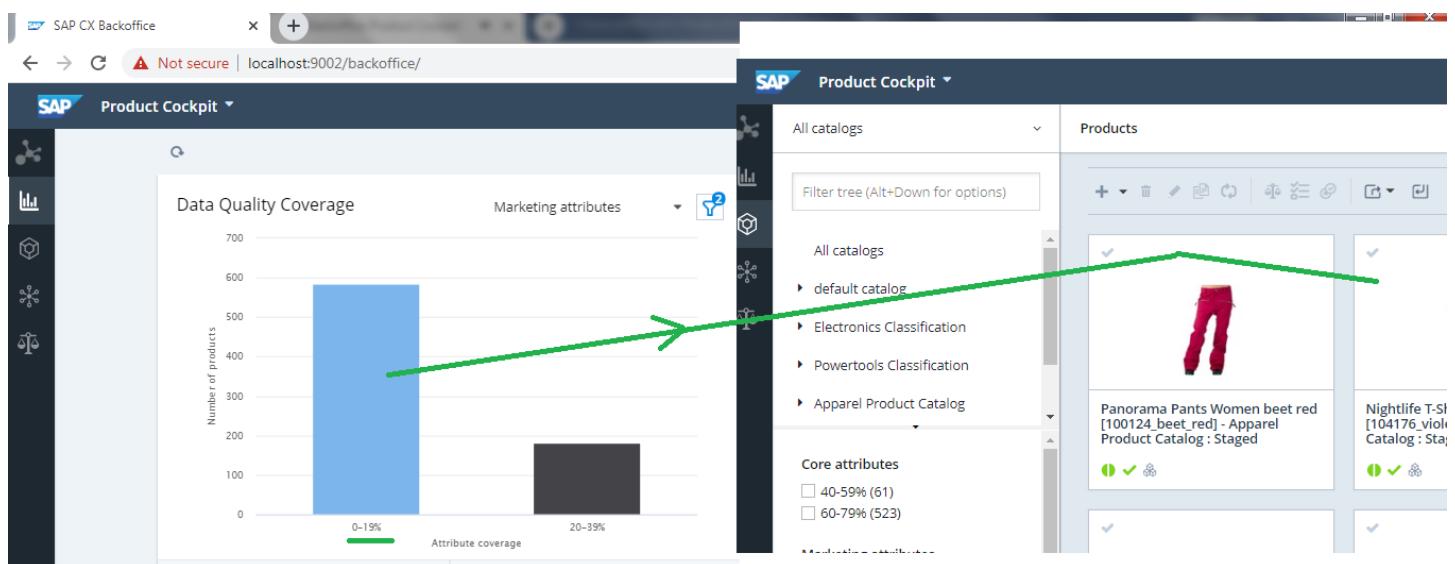
Req = See Data Quality Coverage of Products [Marketing Attributes, Streetwear Category & Staged Apparel Product Catalog].

Step 1 = Goto Product Cockpit & You can see Data Quality Coverage Component

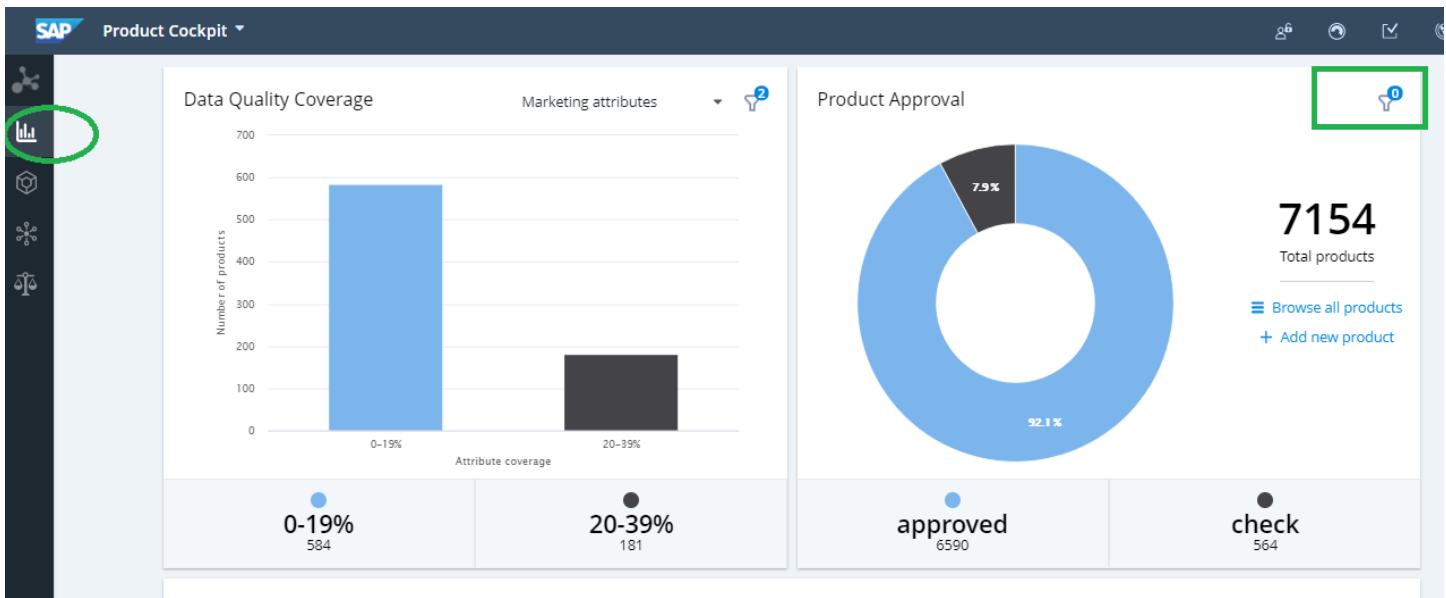


Now – We want to see Products with 0 – 19% Coverage?

For this – Just click on Dashboard Bar.

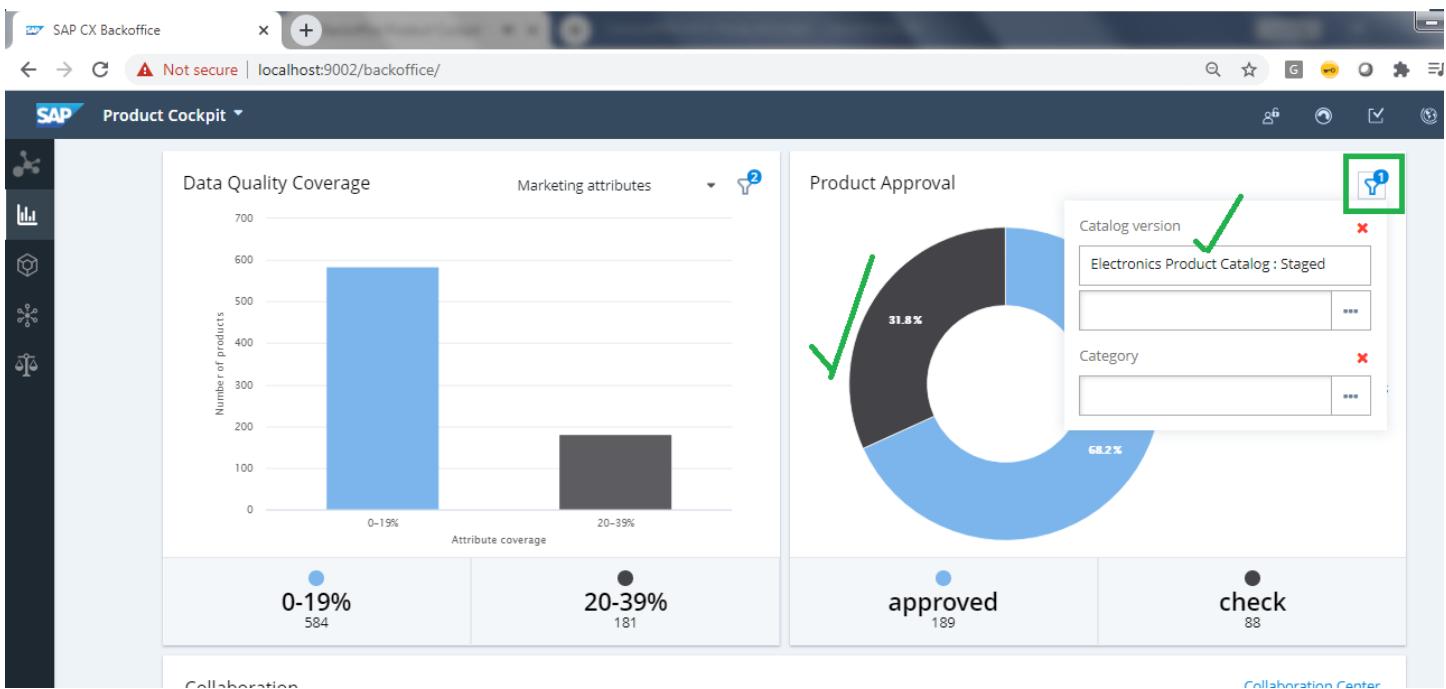


We want to see How many Products are Check Status in Staged Electronics Product Catalog?



Apply Filter = Electronics Product Catalog: Staged

Now we can see 31.8% products are having Status = Check.



Scenario = Add Media to a Product in SCC?

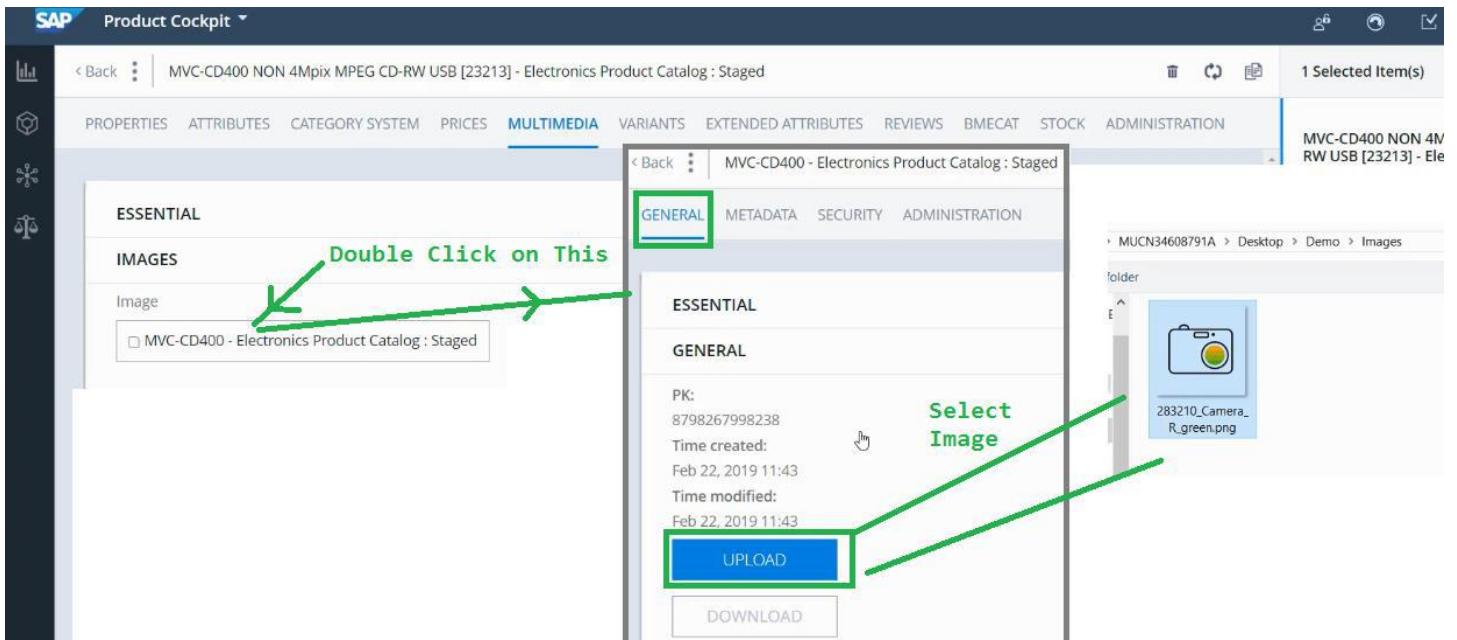
Step 1 = Open the Product

The screenshot shows the SAP Product Cockpit interface. On the left, there is a navigation tree with a green circle highlighting the 'Catalogs' icon. The main area displays a grid of products. The first two products have images, while the third product, 'MVC-CD400 NON 4Mpix MPEG CD-RW USB [23213] - Electronics Product Catalog : Staged', has a placeholder image icon with a green checkmark. Below the grid, the product details are listed: Starter Kit [23191] - Electronics Product Catalog : Staged, DSC-P71 NON 3.2Mpix 16MB MPEG USB [23210] - Electronics Product Catalog : Staged, and MVC-CD400 NON 4Mpix MPEG CD-RW USB [23213] - Electronics Product Catalog : Staged.

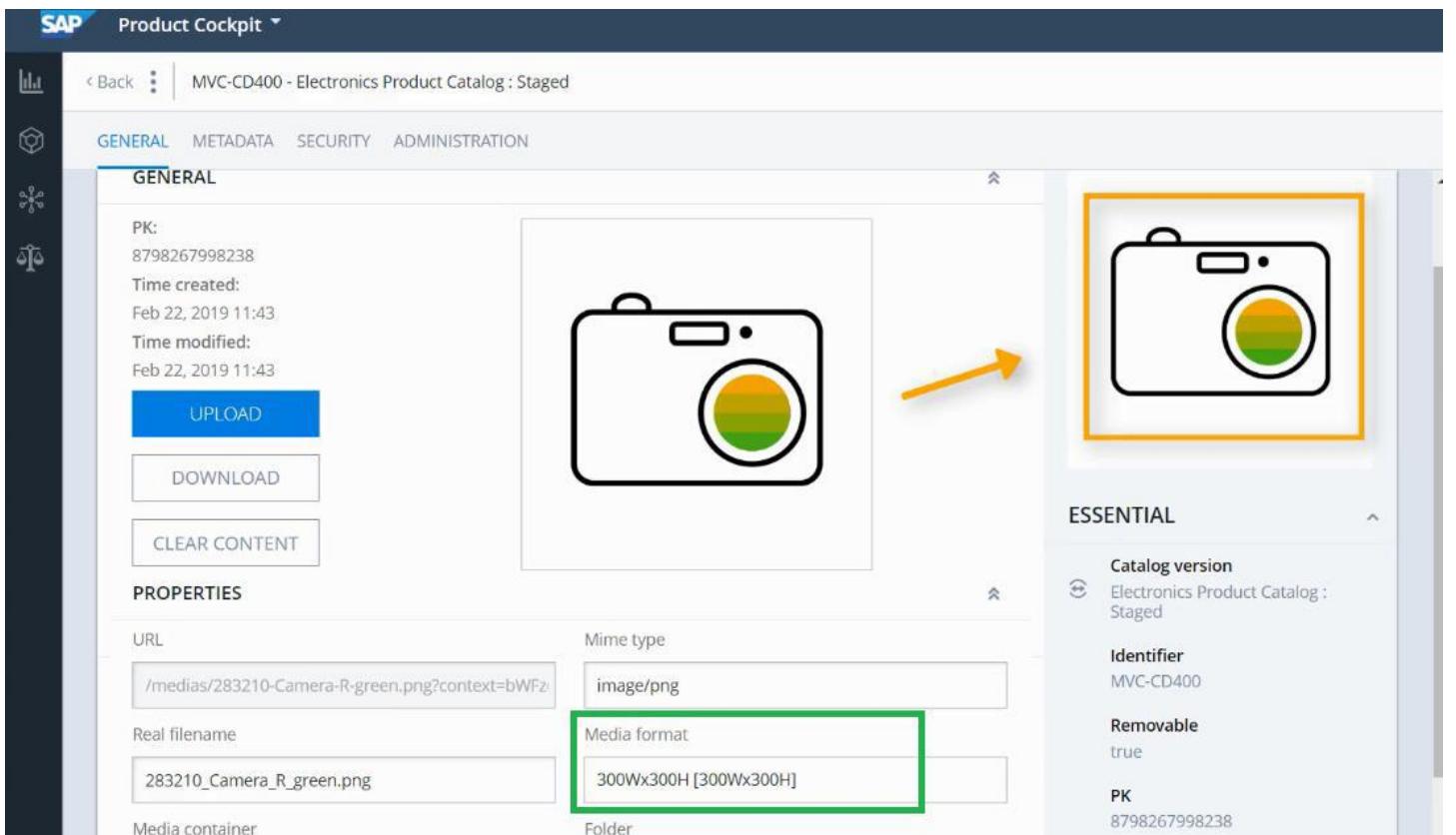
Step 2 = Upload New Product Image / Video -- Save

The screenshot shows the SAP Product Cockpit interface for the 'MVC-CD400 NON 4Mpix MPEG CD-RW USB [23213]' product. The 'MULTIMEDIA' tab is highlighted with a green box. On the left, under the 'IMAGES' section, there is a list of existing media files, one of which is highlighted with an orange box. A green arrow points from this highlighted image to a 'Create new Media' button, which is also highlighted with a green box. To the right, a 'Create New Media' dialog box is open, showing fields for Identifier (MVC-CD400), Catalog version (Electronics Product Catalog : Staged), and Removable (True). The 'DONE' button at the bottom right of the dialog is highlighted with a yellow box. The dialog has tabs for ESSENTIALS, CONTENT, and PROPERTIES.

Step 3 = Upload the File [Add media to Product] -- Save



Step 4 = Specify the Image format -- Save



Step 5 = Create “New Media Container” from “Gallery Image” – Save

The screenshot shows the SAP Product Cockpit interface. The top navigation bar includes icons for back, forward, and refresh, followed by a warning icon and the URL 'localhost:9002/backoffice/'. The main title is '[ChennaRRRS1stP] - Apparel Product Catalog : Staged'. Below the title, there are tabs: PROPERTIES, ATTRIBUTES, BUNDLING, CATEGORY SYSTEM, PRICES, MULTIMEDIA (which is highlighted with a green box), VARIANTS, EXTENDED ATTRIBUTES, and REVIEWS. On the left, there's a vertical sidebar with icons for Back, Properties, Attributes, Bundling, Category System, Prices, Multimedia, Variants, Extended Attributes, and Reviews. The main content area shows sections for Normals, Others, and Gallery Images. Under Gallery Images, there is a list item 'M1 [M1] - Apparel Product Catalog : Online' and a button '+ Create new Media Container' which is circled in green. To the right, there's a sidebar for 'Catalog version' showing 'Apparel Product Catalog : Staged' and a section for 'Digital Assets' indicating '1 assets attached'.

Enter Catalog Version

Name & Qualifier

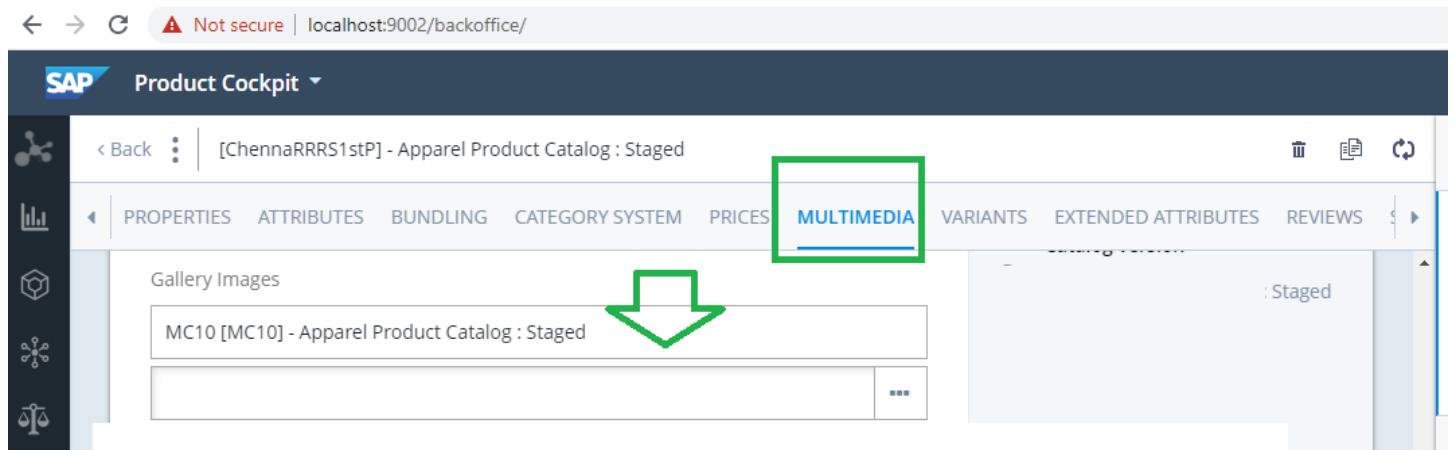
== Done

The screenshot shows a modal dialog titled 'Create New Media Container'. It has a header 'Create New Media Container' and a close button 'X'. The left sidebar lists 'Back', 'PROPERTIES', 'ATTRIBUTES', 'Normals', 'Others', 'Thumbnails', and 'Gallery Images'. The main area is titled 'MANDATORY VALUES' and contains the following fields:

- Catalog version: Apparels Product Catalog : Staged
- Name: MC10
- Qualifier: MC10
- Time created: (empty field)

At the bottom right are 'CANCEL' and 'DONE' buttons, with 'DONE' highlighted in yellow. A green arrow points from the 'Gallery Images' section in the sidebar to the 'Create New Media Container' dialog. Another green arrow points from the 'Time created:' field to the 'DONE' button.

Step 6 = Open the “Gallery Images – Media Container” & Add “Medias” – Save



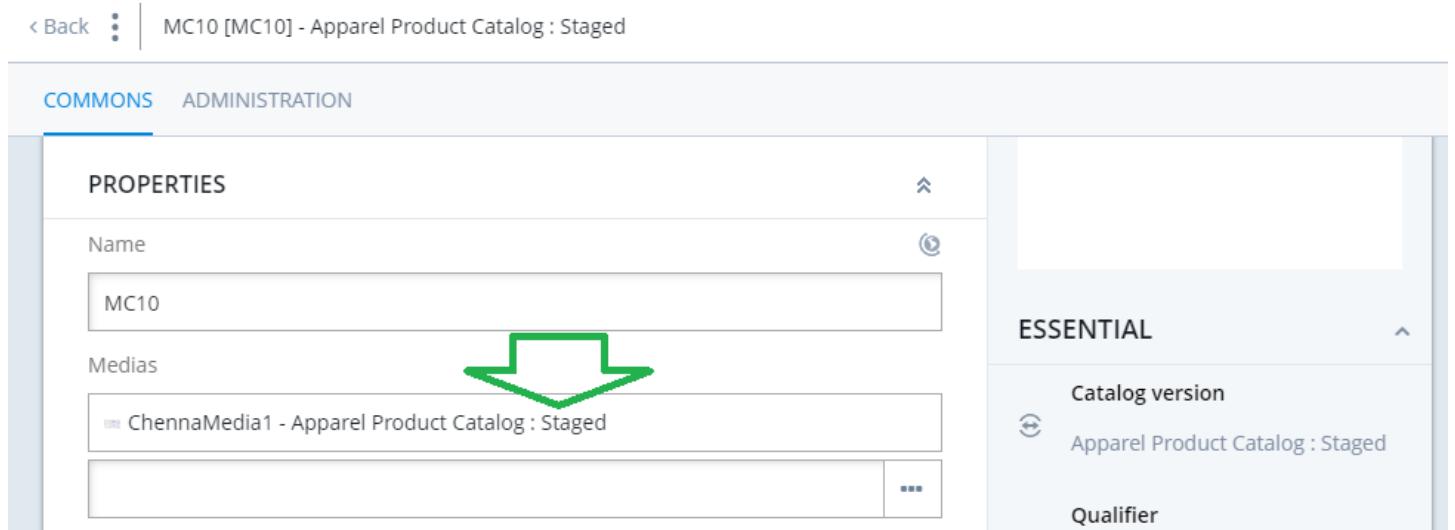
SAP Product Cockpit

[ChennaRRRS1stP] - Apparel Product Catalog : Staged

MULTIMEDIA

Gallery Images

MC10 [MC10] - Apparel Product Catalog : Staged



Back MC10 [MC10] - Apparel Product Catalog : Staged

COMMONS ADMINISTRATION

PROPERTIES

Name

MC10

Medias

ChennaMedia1 - Apparel Product Catalog : Staged

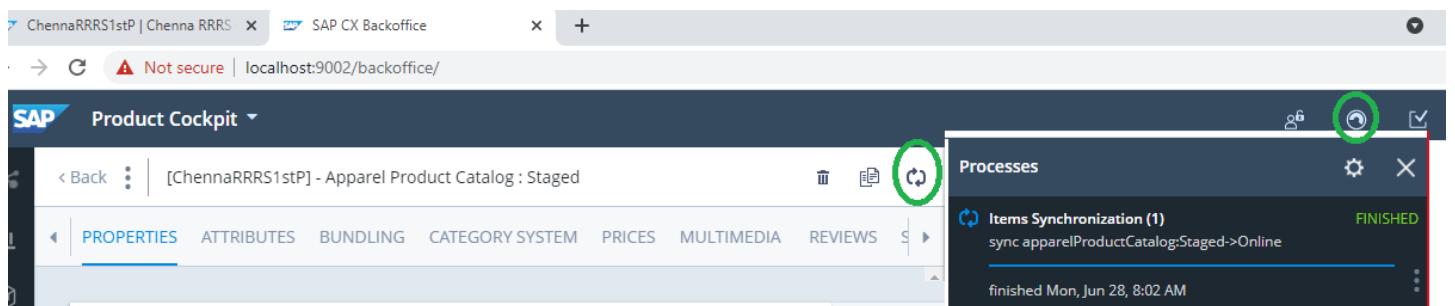
ESSENTIAL

Catalog version

Apparel Product Catalog : Staged

Qualifier

Perform Sync =



ChennaRRRS1stP | Chenna RRRS x SAP CX Backoffice x +

Not secure | localhost:9002/backoffice/

SAP Product Cockpit

[ChennaRRRS1stP] - Apparel Product Catalog : Staged

Processes

Items Synchronization (1) FINISHED
sync apparelProductCatalog:Staged->Online
finished Mon, Jun 28, 8:02 AM

SAP Product Cockpit

[ChennaRRRS1stP] - Apparel Product Catalog : Staged

IMAGES

Image

ChennaMedia1 - Apparel Product Catalog : Staged

Thumbnail

Gallery Images

MC10 [MC10] - Apparel Product Catalog : Staged

Catalog Synchronization
in sync

DATA QUALITY

MARKETING ATTRIBUTES

CORE ATTRIBUTES

1 Selected Item(s)

Results =

Contact Us = ChennaReddyTraining@RRRS.CO.IN

Scenario = Bulk Edit Products Using Excel Export / Import in SCC?

Step 1 = Goto Product Cockpit

– Select Catalog [Electronics] & Version [Staged]

-- Select Couple of Products – Export Excel

-- Include required attributes – Export

The screenshot shows the SAP CX Backoffice Product Cockpit interface. On the left, the navigation sidebar is visible with icons for catalogs, products, and attributes. A green circle highlights the catalog icon. The main area displays a grid of products. One product, 'Starter Kit [23191] - Electronics Product Catalog : Staged', has a green arrow pointing to it from the sidebar. Another product, 'DSC-P71 NON 3.2Mpix 16MB MPEG USB [23210] - Electronics Product Catalog : Staged', also has a green arrow pointing to it. An 'Export Excel' button is highlighted with a green box. Below the products, there's a section for 'Export Excel file' with tabs for 'PRODUCTS ATTRIBUTES' and 'CLASSIFICATIONS ATTRIBUTES'. Under 'Included attributes', 'Approval' is checked with a green checkmark. At the bottom right, a large yellow 'EXPORT' button is highlighted with a green box and a green arrow pointing to it.

Step 2 = Do the changes in Excel [Change Status = Check]

Name	A	B	C
Product_2020-09-11_0822	Approval	Article Number*^	Catalog version*^
	1		CatalogVersion.version:Catalog.id
	2		
	3		
	4	check	Staged:electronicsProductCatalog
	5	check	Staged:electronicsProductCatalog

Step 3 = Import Excel Products

SAP CX Backoffice | localhost:9002/backoffice/

Product Cockpit

All catalogs

Filter tree (Alt+Down for options)

- Apparel Product Catalog
- Electronics Product Catalog**
 - Staged**
- Uncategorized products
- Open Catalogue

Core attributes

- 40-59% (1)
- 60-79% (91)
- 80-99% (185)

Products

Import Excel file

Import Excel File:

Product_2020-09-11_0822.xlsx

Select File

Attach media zip:

Browse or Drop file here

Up to 10 MB

CANCEL IMPORT

Import Process Results =

SAP CX Backoffice | localhost:9002/backoffice/

Product Cockpit

All catalogs

Filter tree (Alt+Down for options)

- Apparel Product Catalog
- Electronics Product Catalog**

Processes

Excel importing - Product_2019-01-30_1732.xlsx

ExcellImportProduct201901301732xlsx8169876896904072791

finished Wed, Jan 30, 5:39 PM

FINISHED

Scenario = Upload Media to Backoffice Product Cockpit Using Excel for New Products in SCC?

Step 1 = Goto Backoffice Product Cockpit – Download Excel Template

Note = Use “Download Excel Template” for New Products.

Use “Export Excel” for Existing Products.

The screenshot shows the SAP CX Backoffice Product Cockpit interface. On the left, there's a sidebar with icons for All catalogs, Products, and Classifications. The 'Products' icon is highlighted with a green box. The main area shows a list of products, with one item selected and a small image of a snowman hat. A context menu is open over the selected product, with options: Export Excel (disabled), Download Excel Template (highlighted with a green box), and Download CSV. Below this, there's a 'Classifications attributes' dialog. It has sections for Excluded attributes (with two items: Electronics Classification : 1.0 and Powertools Classification : 1.0) and Included attributes (empty). There are 'ADD' and 'REMOVE' buttons between the two sections. At the bottom right of the dialog are 'CANCEL' and 'EXPORT' buttons, with a yellow arrow pointing to the 'EXPORT' button.

Step 2 = Now Make Excel Template Ready & Put Images in proper places

The screenshot shows a Microsoft Excel spreadsheet titled "Product_2020-09-11_1258 - Saved". The spreadsheet has columns A through E. Column A contains catalog version numbers (1, 2, 3, 4, 5). Column B contains article numbers (S0001, U0001). Column C contains descriptions (Supercategories+, category:catalog:version, shoes:apparelProductCatalog:Staged, 220000:apparelProductCatalog:Staged). Column D contains identifiers (Identifier[en], Chenna RRRS Formal Leather, Chenna RRRS Umbrella). Column E contains image paths (filePath:code:catalog:version:folder ::apparelProductCatalog:Staged, umbrella/Lighthouse.jpg, Penguins.jpg). The "Clipboard" ribbon tab is selected. The status bar at the bottom left shows "C4".

Step 3 = Now ZIP the images [Select folder – umbrella & file – Penguins.jpg and zip once]

The screenshot shows a file manager interface with a sidebar on the left. In the main area, there are three items: "umbrella", "Penguins", and "Product_2020-09-11_1258". A context menu is open over the "umbrella" item, with the "7-Zip" option highlighted. To the right, another file manager window shows a list of files: "Results", "umbrella", "ImageUpload", "Penguins", and "Product_2020-09-11_1258".

Step 4 = Import the files

The screenshot shows the SAP Product Cockpit interface. On the left, there's a navigation tree under "All catalogs" with categories like "default catalog", "Electronics Classification", "Powertools Classification", and "Apparel Product Catalog". The main area is titled "Products" and shows a toolbar with various icons. A modal dialog box is open, titled "Import Excel file". It contains two sections: "Import Excel File:" with a dropdown showing "Product_2020-09-11_1258.xlsx" and "Attach media zip:" with a dropdown showing "ImageUpload.zip". Both dropdowns have green checkmarks next to them. At the bottom right of the dialog is a yellow button labeled "IMPORT" with a green checkmark.

Step 5 = Results

SAP Product Cockpit - Products

All catalogs

Filter Tree entries

All catalogs

- default catalog
- Electronics Classification
- Apparel Product Catalog
- Electronics Product Catalog

Products

Image	Product Name	Image	Product Name	Image	Product Name	Image	Product Name
	Snowboard Ski Tool Red FBI 6 [300013358]		Shades Von Zipper Fernstein gold moss gradient [300015407]		Snowboard Ski Tool Red FBI 6 [300013358]		Shades Von Zipper Fernstein gold moss gradient [300015407]
	Formal Leather Shoe [S0001]		Sturdy Umbrella [U0001]				

Scenario = Compare Products in the Backoffice Product Cockpit in SCC?

Solution 1 =

SAP CX Backoffice | localhost:9002/backoffice/

Add item for comparison

Product Global Operator: And Include subtypes

Attribute	Comparator	Value	Sort Order
Article Number	Contains	<input type="text"/>	<input type="button"/>

0 items selected

<input type="checkbox"/>	Article Number	Identifier	Status	Catalog version
<input checked="" type="checkbox"/>	300441142	Cap Blue Tomato BT Snow Trucker Cap black		Apparel Product Catalog : Staged
<input checked="" type="checkbox"/>	29531	Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad		Apparel Product Catalog : Staged
<input checked="" type="checkbox"/>	29532	Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad		Apparel Product Catalog : Staged
<input type="checkbox"/>	29533	Snowboard Ski Tool Toko Fren Multi Guide yellow		Apparel Product Catalog : Staged

Results =

Contact Us = ChennaReddyTraining@RRRS.CO.IN

SAP CX Backoffice Not secure | localhost:9002/backoffice/

SAP Product Cockpit

3 items selected

	Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged		Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad [29531] - Apparel Product Catalog : Staged		Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad [29532] - Apparel Product Catalog : Staged
<input type="checkbox"/> Add items <input type="checkbox"/> Show Diff only	  	  	  		
Overview					
Properties					
Attributes					
Bundling					
Category System					
Prices					
Multimedia					

Note = Red Color indicates there are differences.

Solution 2 =

SAP CX Backoffice Not secure | localhost:9002/backoffice/

SAP Product Cockpit

All catalogs

- All catalogs
- default catalog
- Electronics Classification
- Powertools Classification
- Apparel Product Catalog

Products

	Select		Select		Select
	Cap Blue Tomato BT Snow Trucker		Snowboard Ski Tool Toko Side		Snowboard Ski Tool Toko Side

Results =

SAP CX Backoffice | Not secure | localhost:9002/backoffice/

Product Cockpit

3 items selected

Article Number	Identifier	Catalog version	Approval
300441142	Cap Blue Tomato BT Snow Trucker Cap bla ck	Apparel Product Catalog : Staged	approved
29531	Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad	Apparel Product Catalog : Staged	approved
29532	Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad	Apparel Product Catalog : Staged	approved

Scenario = Bulk Approve and Bulk Edit Products in SCC?

Step 1 = Goto Backoffice Product Cockpit – Select Multiple Products & Change the Status

SAP CX Backoffice | Not secure | localhost:9002/backoffice/

Product Cockpit

All catalogs

Products

Filter tree (Alt+Down for options)

Approved

Check

Unapproved

UPDATE STATUS

Select

Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged

Select

Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad [29531] - Apparel Product Catalog : Staged

Select

Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad [29532] - Apparel Product Catalog : Staged

Step 2 = Select Multiple Products & Do Bulk Edit

The screenshot shows the SAP CX Backoffice Product Cockpit interface. On the left, there's a sidebar with icons for All catalogs, Filter tree, and a gear icon (highlighted with a green box). The main area displays three products under the heading 'Products':

- Select** Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged
- Select** Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad [29531] - Apparel Product Catalog : Staged
- Select** Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad [29532] - Apparel Product Catalog : Staged

The screenshot shows the 'Bulk Edit' dialog. At the top, there are three tabs: **PICK ATTRIBUTES**, **CHANGE VALUES**, and **[OPTIONAL] VALIDATION**. The **PICK ATTRIBUTES** tab is active, showing the sub-step **What do you want to edit?** with options: Replace existing values and Fix validation errors.

The dialog is divided into two main sections:

- Excluded attributes:** A list of attributes that are currently not included in the edit process, such as Alternative ID, Article order, Assigned Cockpit Item Templates, and Bundle Templates.
- Included attributes:** A list of attributes that are currently included in the edit process, such as Approval, Carousel Components, and Description.

A central vertical bar has arrows pointing up and down between the two sections. In the center, there are **REMOVE** and **ADD** buttons. The **ADD** button is highlighted with a green circle. A large green arrow points from the 'Included attributes' section down towards the 'Excluded attributes' section, indicating the flow of selecting attributes.

The screenshot shows the 'Bulk Edit' dialog with the **CHANGE VALUES** tab active. It shows the sub-step **Replace existing values**.

The attributes listed with their current values are:

- Approval: check (highlighted with a green checkmark)
- Carousel Components: (empty input field) (highlighted with a green checkmark)
- Description: Chennai RRRS - Bulk Edit (highlighted with a green checkmark)

At the bottom, there are buttons for **BACK**, **CANCEL**, and a yellow **UPDATE** button.

Contact Us = **ChennaReddyTraining@RRRS.CO.IN**

SAP CX Backoffice

Product Cockpit

All catalogs

Products

Saved items: 3

Results =

Back

Apparel Product Catalog : Staged

Properties Attributes Bundling Category System Prices Multimedia Variants Extended Attributes Reviews Stock Administration

check

VALIDITY PERIOD

Online from Online to

DESCRIPTIONS

Description Sales unit

Format B I Source Piece [pieces]

Chenna RRRS - Bulk Edit

Approval Status check

Catalog Synchronization Sync

DATA QUALITY

CORE ATTRIBUTES

MARKETING ATTRIBUTES

3 Selected Item(s)

Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged

Apparel Product Catalog : Staged 300441142 Cap Blue Tomato BT Snow Trucker Cap black

Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad [29531] - Apparel Product Catalog : Staged

Apparel Product Catalog : Staged 29531 Snowboard Ski Tool Toko Side Edge Angle Pro 88 Grad

Snowboard Ski Tool Toko Side Edge Tuning Angle Pro 87 Grad

Scenario = Synchronize a Product or Catalog in SCC?

Product Cockpit

All catalogs

Electronics Product Catalog

Staged

Contact Us = ChennaReddyTraining@RRRS.CO.IN

Scenario = Product Pricing

1) A Product can have multiple prices based on **Scale** (or) QTY

<https://localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Limited-Jacket/p/300678848>

1-Chenna RRRS - Limited Jacket deepest black M | ID 300678848

Product review summary

★★★★★ | Write a Review

QUANTITY	PRICE EACH
1-10	£485.96
11+	£480.11

The perfect set up to reach your next freeriding level. Further Improvements in p and functionality ensures a perfect and dry ride in any freeride conditions. The "jacker supports your own way.

COLOUR: deepest black

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH SAVE

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK

Prices

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
...				1	Piece [pieces]	€599.95	Euro [EUR]	false
...				1	Piece [pieces]	£485.96	Pound [GBP]	false
1-Chenna RR...				11	Piece [pieces]	£480.11	Pound [GBP]	false
+ Create new Price Row								

2) A Product can have multiple prices based on **Currency**

Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Limited-Jacket/p/300678848

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / CATEGORIES / SNOWWEAR MEN / SNOWJACKETS / LIMITED JACKET

1-Chenna RRRS - Limited Jacket deepest black M ID 300678848

Apparel UK
== Pounds

Product review summary

★★★★★ | Write a Review



£485.96

The perfect set up to reach your next freeriding level. Further Impi and functionality ensures a perfect and dry ride in any freeride cor jacker supports your own way.

Not secure | localhost:9002/yacceleratorstorefront/de/Kategorien/Snowwear-Men/Snowboard-Jacken/Limited-Jacket/p/300678848

MARKEN STREETWEAR SNOW ACCESSORIES JUGEND

STARTSEITE / KATEGORIEN / SNOWWEAR MEN / SNOWBOARD JACKEN / LIMITED JACKET

1-Chenna RRRS - Limited Jacket deepest black M ID 300678848

Apparel DE
Curr = Euro

Product review summary

★★★★★ | Rezension schreiben



599,95 €

Die perfekte Ergänzung um Ihr nächstes Freeriding level zu Entwicklung in Leistung und Funktionalität sorgen für eine allen Freeride Bedingungen. The "Limited" jacket supports y

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH SAVE

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK

Prices ?

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
⋮				1	Piece [pieces]	€599.95	Euro [EUR]	false
⋮				1	Piece [pieces]	£485.96	Pound [GBP]	false
+ Create new Price Row								

3) A Product can have multiple prices based on Channel

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH **SAVE**

PRICES

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
⋮				1	Piece [pieces]	€599.95	Euro [EUR]	false
⋮				1	Piece [pieces]	£485.96	Pound [GBP]	false
+ Create new Price Row								

Create New Price Row

Create New Price Row

ALL REQUIRED FIELDS > **GENERAL**

Price: 481.11

Currency: Pound [GBP]

Unit: Piece [pieces]

Scale: 1

Pricing: Net Gross

Next

Channel:

- n/a
- desktop
- mobile

Customer Price List:

BACK **CANCEL** **DONE**

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH **SAVE**

PRICES

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
⋮				1	Piece [pieces]	€599.95	Euro [EUR]	false
⋮				1	Piece [pieces]	£485.96	Pound [GBP]	false
⋮	1-Chenna RR...			1	Piece [pieces]	£481.11	Pound [GBP]	false
+ Create new Price Row								

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4) A Product can have multiple prices based on **customer / customer group**.

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online							
PROPERTIES	ATTRIBUTES	BUNDLING	CATEGORY SYSTEM	PRICES	MULTIMEDIA	VARIANTS	EXTENDED ATTRIBUTES
Prices							
Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency
...				1	Piece [pieces]	€599.95	Euro [EUR]
...				1	Piece [pieces]	£485.96	Pound [GBP]
+ Create new Price Row							

Create New Price Row

ALL REQUIRED FIELDS > GENERAL

Price:

Currency:

Unit:

Scale:

Pricing: Net Gross

Next

Create New Price Row

ALL REQUIRED FIELDS > GENERAL

Channel:

Product Price Class:

Customer:

Customer Price List:

BACK CANCEL DONE

Scenario = Product - discounts

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH **SAVE**

PROPERTIES **ATTRIBUTES** **BUNDLING** **CATEGORY SYSTEM** **PRICES** **MULTIMEDIA** **VARIANTS** **EXTENDED ATTRIBUTES** **REVIEWS** **STO**

Prices

Product	Product ...	Customer	Customer...	Scale	Unit	Price	Currency	Pricing
...				1	Piece [pieces]	€599.95	Euro [EUR]	false
...				1	Piece [pieces]	£485.96	Pound [GBP]	false
+ Create new Price Row								

DISCOUNTS

Discounts

Product	Product Discoun...	Customer	Customer Discou...	Discount	Value
1-Chenna RRRS - Limi...				001 New Promotional...	£123.00
+ Create new Discount Row					

Create New Discount Row

Discount:

001 New Promotional Voucher 10.0%

Value:

123

Currency:

Pound [GBP]

Not secure | localhost:9002/yacceleratorstorefront/en/cart

[EXPORT CSV](#)

ITEM (STYLE NUMBER)	PRICE	QTY	DELIVERY	TOTAL
1-Chenna RRRS - Limited Jacket deepest black M 300678848 Style: deepest black Size: M In Stock	£485.96	1	SHIP	£362.96
Original Price				

[EXPORT CSV](#)

COUPON CODE **APPLY**

Subtotal: £485.96-123

Order Discounts: - £123.00

ORDER TOTAL £362.96

Contact Us = ChennaReddyTraining@RRRS.CO.IN



REFRESH

SAVE

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK

Prices

Product	Product ...	Customer	Custome...	Scale	Unit	Price	Currency	Pricing
⋮				1	Piece [pieces]	€599.95	Euro [EUR]	false
⋮				1	Piece [pieces]	£485.96	Pound [GBP]	false

DISCOUNTS

Discounts

Product	Product Discoun...	Customer	Customer Discou...	Discount	Value
⋮ 1-Chenna RRRS - Limi...				001 New Promotional...	10%

Create New Discount Row

Discount:

001 New Promotional Voucher 10.0%

Currency:

Pound [GBP]

← → C Not secure | localhost:9002/yacceleratorstorefront/en/cart

ITEM (STYLE NUMBER)	PRICE	QTY	DELIVERY	TOTAL
1-Chenna RRRS - Limited Jacket deepest black M 300678848 Style: deepest black Size: M In Stock	£485.96	1	SHIP	£437.36

EXPORT CSV

COUPON CODE

enter coupon code

APPLY

Subtotal:

10% Discount

£437.36

Order Discounts:

- £48.60

ORDER TOTAL

£437.36

Your order includes £72.89 tax.

Scenario = Product “Min Order QTY & Max Order QTY”.

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH SAVE

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK

Min order quantity Max order quantity Price quantity Price Class ?

1

Scenario = Product – Keywords [These are important for SEO purpose]

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH

PROPERTIES ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES

Remarks

KEYWORDS

Keywords ?

Two[en] - Apparel Product Cata...
One[en] - Apparel Product Cat...

Scenario = Product – Stock

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH SAVE

ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK ADMINISTRATION

300678848 1-Chenna RRRS - Limited Jacket de... Apparel Product Catalog : Online approved

STOCK FINDER:

STOCK LEVELS

For performance reasons stock levels are not displayed here. Use Search: FIND STOCK LEVELS FOR PRODUCT

Product Code	Warehouse	Available Amount
300678848	Newcastle upon Tyne Hospital	2
300678848	Newcastle upon Tyne Kathedrale	4
300678848	Nottingham	5
300678848	Nottingham Concert Hall	1
300678848	Nottingham University	5

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Scneario = Track the changes [Product / Category / Catalog ...]?

1-Chenna RRRS - Limited Jacket deepest black M [300678848] - Apparel Product Catalog : Online

REFRESH SAVE

ATTRIBUTES BUNDLING CATEGORY SYSTEM PRICES MULTIMEDIA VARIANTS EXTENDED ATTRIBUTES REVIEWS STOCK ADMINISTRATION

CHANGES

Last changes

- ownEurope1Discounts - May...
- approvalStatus - May 20, 20...
- ownEurope1Discounts - May...
- ownEurope1Discounts,ownE...
- name - May 17, 2021 by Adm...

UNBOUND

Edit item name - May 17, 2021 by Administrator [admin]

CHANGES TO OBJECT ADMINISTRATION

CHANGES

Modification type: Changed

Changed by: Administrator [admin]

Time stamp: May 17, 2021 3:14:48 AM

Changed attributes: name

name - May 17, 2021 by Admini...

ownEurope1Discounts - May 2...

ownEurope1Prices - May 21, 20...

ownEurope1Prices - May 21, 20...

ownEurope1Discounts - May 2...

description - May 20, 2021 by A...

ownEurope1Discounts - May 2...

Edit item name

REFRESH SAVE

GENERAL ADMINISTRATION

MODIFIED ATTRIBUTE

Attributes

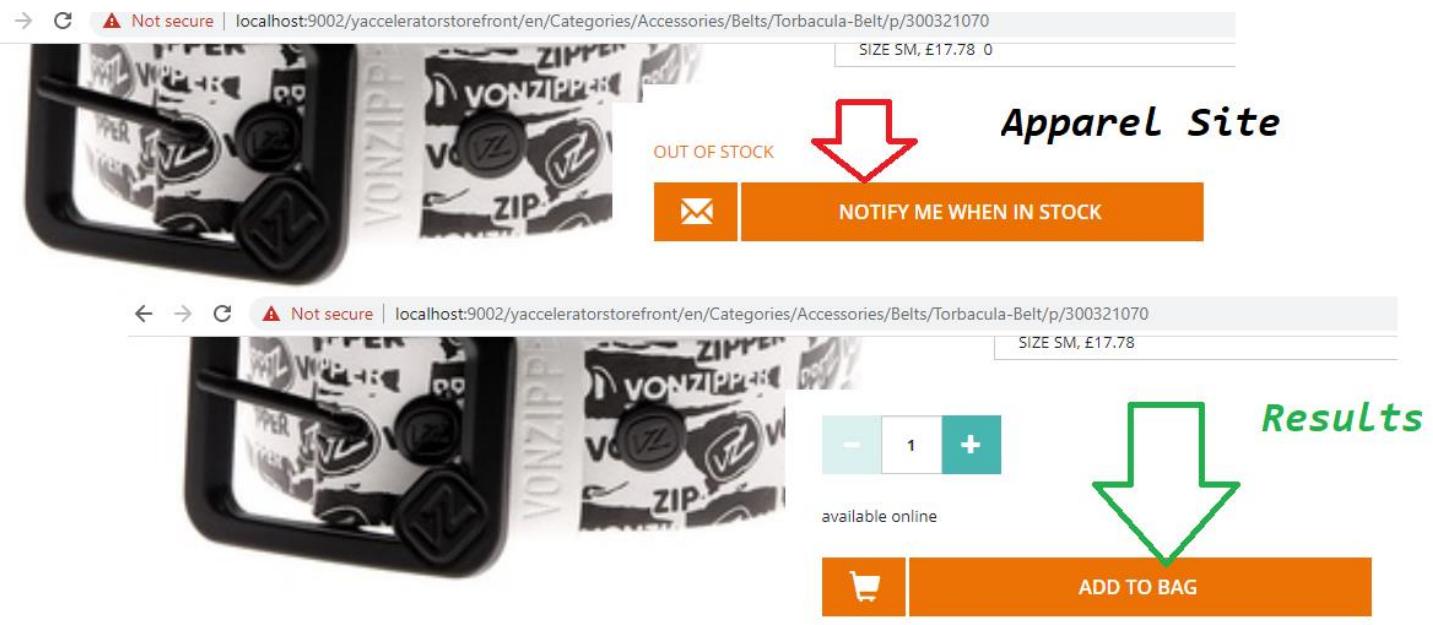
name

CHANGES

Old value: Limited Jacket deepest black M

New value: Chenna RRRS - Limited Jacket deepest black M

Scenario = Let's say – We have Product [P1] "Out Of Stock". How to make this product [P1] to "In Stock".



General Steps =

- Go to Backoffice -> Catalogs-> Products and open the desired product.
- Under the "Stock" tab, click on "Find stocks levels for this product".
- Now you will have a list of warehouses in which the product is available in stock.
- Right click on the warehouse in which you want to make the product out of stock and click "Edit in new window".
- Now either change the value of the variable "Available amount" to zero or change the "In stock status" to 'forceOutOfStock'.

Step 1 = Find the warehouses for the Store

WCMS

Cockpit

Base Commerce

Base Store

Order Cancellation Configuration

Point of Service

Warehouse

Stock Level

SAVED QUERIES

No queries

Apparel Store UK

PROPERTIES LOCATIONS ADMINISTRATION

Warehouses

Code	Name
ap_warehouse_s	Warehouse ...
ap_warehouse_e	Warehouse ...
ap_warehouse_w	Warehouse ...
ap_warehouse_n	Warehouse ...
external_apparel_warehouseA	External App...
external_apparel_warehouseB	External App...
external_apparel_warehouseC	External App...
external_apparel_warehouseD	External App...
external_apparel_warehouseE	External App...

Edit item ap_warehouse_e

PROPERTIES CONSIGNMENTS ADMINISTRATION

ESSENTIAL

Code Name

Default True False

BASESTORES

Step 2 = Now either change the value of the variable "Available amount" to zero or change the "In stock status" to 'forceOutOfStock'.

Catalog

Catalogs

Catalog Versions

Categories

Products

Product Variant Types

Units

Keywords

SAVED QUERIES

No queries

Torbacula Belt white SM [300321070] - Apparel Product Catalog : Online

REFRESH SAVE

STOCK

STOCK FINDER:

STOCK LEVELS

FIND STOCK LEVELS FOR PRODUCT

Product Code	Warehouse	Available Amount
300321070	ap_warehouse_s	0
300321070	ap_warehouse_w	0
300321070	ap_warehouse_n	0
300321070	ap_us_warehouse_s	0
300321070	ap_us_warehouse_w	0

Edit item 300321070

PROPERTIES ADMINISTRATION

In Stock Status Force in Stock

STOCK

Available Amount

Results =

Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Accessories/Belts/Torbacula-Belt/p/300321070

SIZE SM, £17.78

- 1 +

available online

ADD TO BAG

Scenario = Tracking the changes

Let's say – we have product [300441142] & people has done some activities like below: -

1st Activity [Chenna] = Changed / Modified the Approval Status from Appvoed to Check.

The screenshot shows a product detail page for 'Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged'. The 'PROPERTIES' tab is selected. In the 'Approval' section, the dropdown menu is open, showing 'Approved' and 'check', with a red checkmark pointing to the 'check' option.

2nd Activity [RRRS] = Added the Desc [Before No value]

The screenshot shows a product detail page for 'Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged'. The 'PROPERTIES' tab is selected. In the 'DESCRIPTIONS' section, there is a 'Description' field containing 'Hello -- I am Desc', with a red checkmark pointing to the text.

3rd Activity [Chenna RRRS] = Deleted the Summary [Before there is description value]

The screenshot shows a product detail page for 'Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged'. The 'PROPERTIES' tab is selected. In the 'Summary' section, the input field is empty, with a red checkmark pointing to the empty field.

Q = How to trace all these changes? =

“SAP Comm” providing “last changes” history.

Example =

The screenshot shows the SAP Product Cockpit interface. At the top, it displays the URL "localhost:9002/backoffice/" with a "Not secure" warning. Below the header, the page title is "Cap Blue Tomato BT Snow Trucker Cap black [300441142] - Apparel Product Catalog : Staged". The navigation tabs include BUNDLING, CATEGORY SYSTEM, PRICES, MULTIMEDIA, VARIANTS, EXTENDED ATTRIBUTES, REVIEWS, STOCK, and ADMINISTRATION, with ADMINISTRATION highlighted. On the left, there's a sidebar with icons for Back, Home, and other navigation. The main content area has a section titled "CHANGES" which is highlighted with a green box. Inside this box, under "Last changes", there are three entries: "summary - Jun 28, 2021 by Administrator [admin]", "approvalStatus - Jun 28, 2021 by Administrator [admin]", and "description - Jun 28, 2021 by Administrator [admin]". A red arrow points from the text "How to trace all these changes?" to this section. To the right of the changes list, there are two sections: "Catalog version" (Apparel Product Catalog : Staged) and "Digital Assets" (10 assets attached). A vertical scroll bar is visible on the right side of the main content area.

This screenshot shows the "Changes to Object" details for the last change. The top navigation bar includes the SAP logo, "Product Cockpit", and a back button. The main content area has tabs for "CHANGES TO OBJECT" and "ADMINISTRATION", with "CHANGES TO OBJECT" selected. It displays the following details:

- Modification type:** Changed (highlighted with a green box and a green arrow pointing to the "Changed" dropdown).
- Changed by:** Administrator [admin] (highlighted with a green box and a green arrow pointing to the "Administrator [admin]" input field).
- Time stamp:** Jun 28, 2021 2:53:00 AM (highlighted with a green box and a green arrow pointing to the timestamp input field).
- Changed attributes:** summary (highlighted with a green box and a red arrow pointing to the "summary" input field). Below this, there's a link "+ Create new attribute" and a dropdown menu.

To the right, there's a sidebar titled "ESSENTIAL" with the following information:

- Item type: ApparelProduct
- Modification type: Changed
- Description: Product '300441142' (8)

A red arrow points from the text "Click Here" to the "summary" input field in the "Changed attributes" section.

MODIFIED ATTRIBUTE

Attributes

summary

CHANGES

Old value

<p>Show your love for snow and Blue Tomato! With the BT Snow Trucker Cap with Me:

New value

< Back : description

summary

MODIFIED ATTRIBUTE

Attributes

description

CHANGES

Old value

New value

<p>Hello – I am Desc</p>

description

ESSENTIAL

MODIFIED ATTRIBUTE

CHANGES

Attributes

approvalStatus

Old value

approved

New value

check



Scenario = Catalog aware item types

Sometimes, it is required to define our custom item types as Catalog aware item types in order to make them **eligible for synchronization**.

It means we need to associate these custom item types with a **catalog** (content or product).

The items that (should) **take part in the synchronization** process like **Product, CMS Pages**, Components etc. are called **Catalog Aware**.

The items which do (or should) **not take part in synchronization** process like **Price, Stock** etc. are called **Catalog Unaware**.

```
<itemtype code="ChennaRRRSItem" autocreate="true" generate="true">
<deployment table=" ChennaRRRSItem " typecode="12500"/>

<custom-properties>
    <!-- Defining the type as synchronizing capable here: -->
    <!-- Step 1 = Enable item type as catalog item type, using custom property catalogItemType -->
    <property name="catalogItemType">
        <value>java.lang.Boolean.TRUE</value>
    </property>

    <!-- defining catalog version attribute here: -->
    <!-- Step 2 = Define the attribute catalogVersionAttributeQualifier with value same as qualifier of
         catalogversion attribute in the same item type. -->
    <property name="catalogVersionAttributeQualifier">
        <value>"catalogVersion"</value>
    </property>

    <!-- defining unique key attributes here; separate multiple attribute qualifiers by commas: -->
    <!-- Step 3 = Define the attribute uniqueKeyAttributeQualifier with value same as qualifier of unique attribute
         in the same item type and if there are multiple unique attributes then separate them by comma. -->
    <property name="uniqueKeyAttributeQualifier">
        <value>"code"</value>
    </property>
</custom-properties>

<attributes>
    <attribute qualifier="code" type="java.lang.String">
        <modifiers read="true" write="true" search="true" optional="false" unique="true"/>
        <persistence type="property"/>
    </attribute>

    <attribute qualifier="catalogVersion" type="CatalogVersion">
        <modifiers read="true" write="true" search="true" optional="false"/>
        <persistence type="property"/>
    </attribute>
</attributes>
</itemtype>
```