

# WCMS / Content Catalogs / SmartEdit

WCMS = Web Content Management System

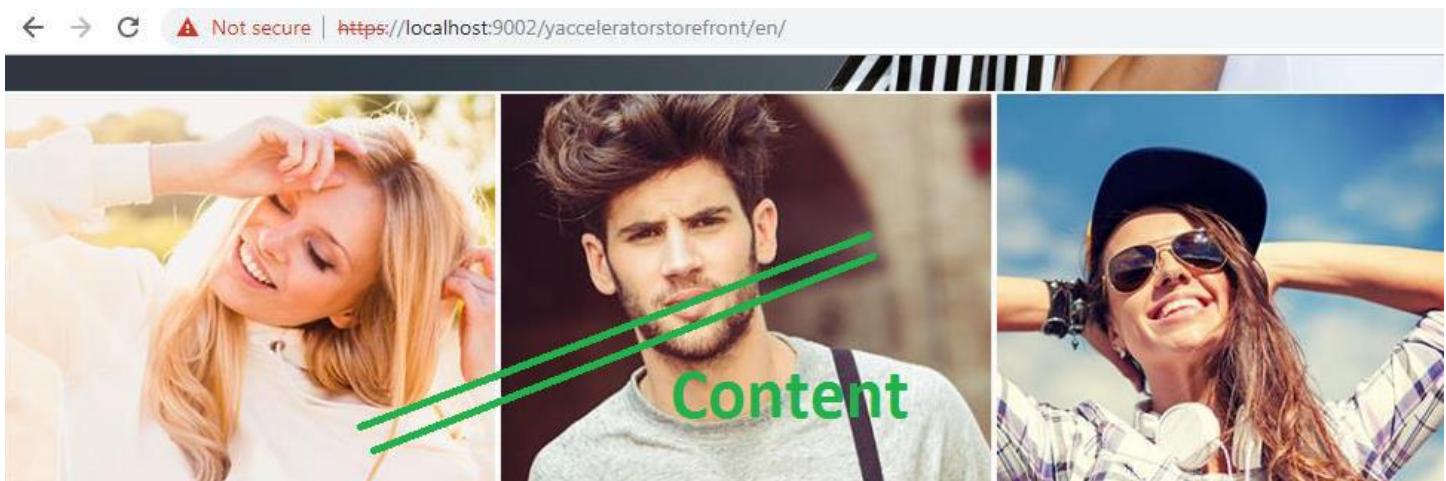
You take any eComm site – There will be mainly 2 important things: -

**1) Content**

**2) Products**

For content purpose – We will have “**Content Catalogs**”.

SAP Comm provides “**OOTB**” Data models [“CMSSite ... CMSPage ... ContentSlotName... ”] for content purpose.



Croma Electronics | Online Electronic x +

← → C croma.com

Whatever we see on here is called **Content**.  
This content changes very frequently.

Q = Do you think that, Development team will manage this content? = No.

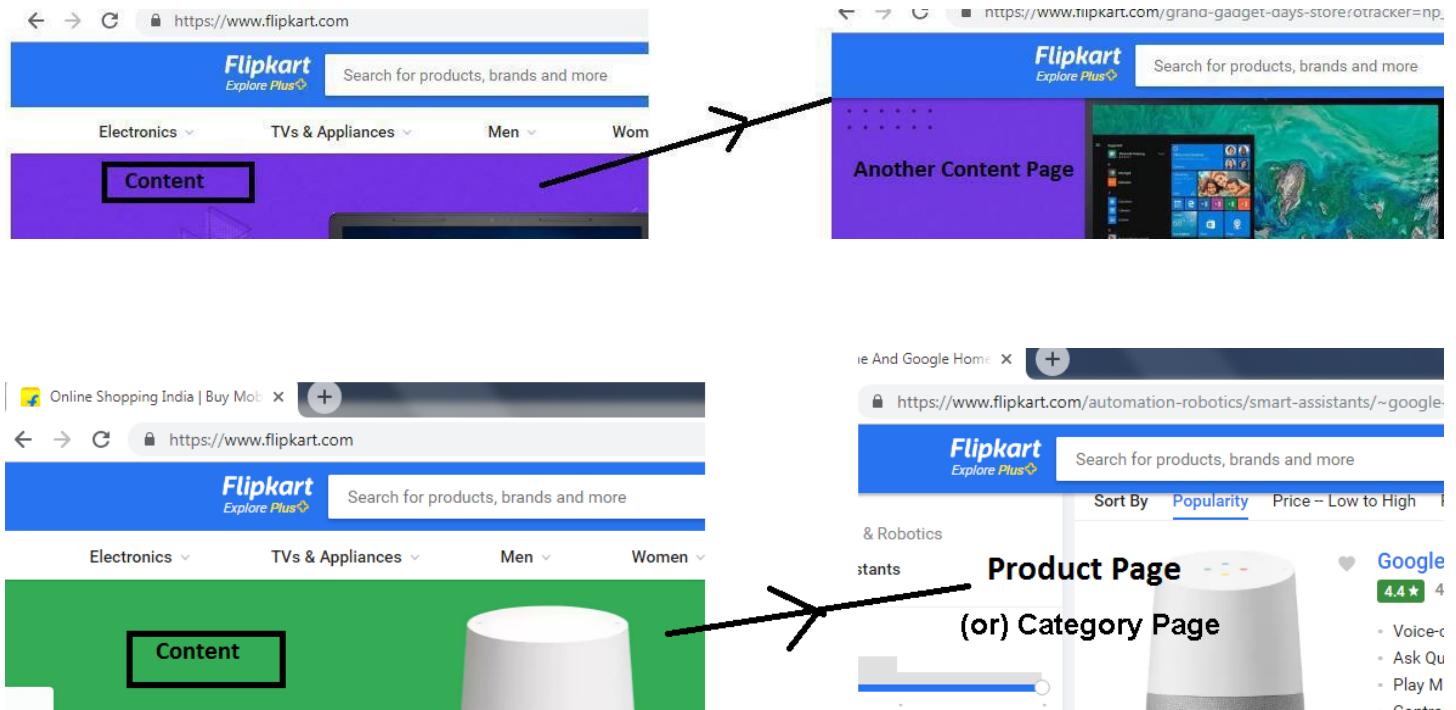
Generally in companies, there will be specific people – We call them as “**Content Manager [CM]**”.  
These people are responsible to manage this Content.

Q = Do you think that this CM are Technical? = No.  
If CM is not Technical, then how can they manage this Content?

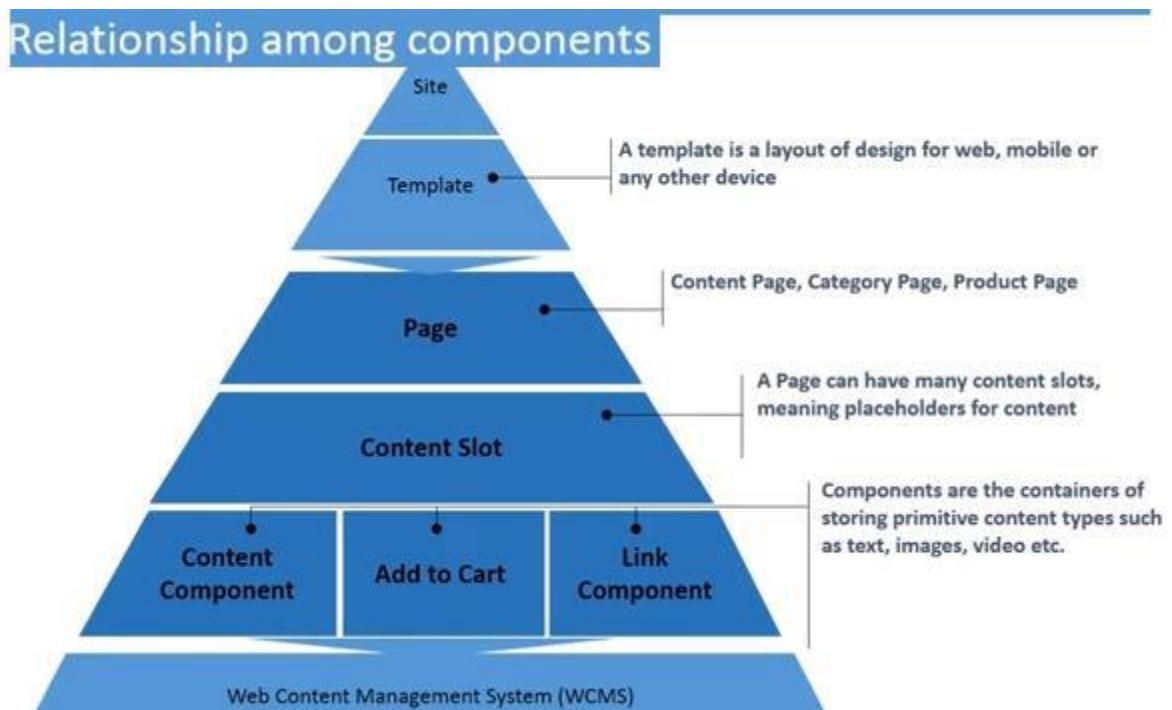
▪ “SAP Commerce” provides small software called as “Cockpits / SmartEdit / ...”.  
For Content Purpose -- We have -- “CMS Cockpit / SmartEdit”.

By using this “SmartEdit” tool –  
The CM can manage the content easily.

**Note** = When we click on Content → We may go to another content page (or) Product page.



## Scenario = WCMS Architect?



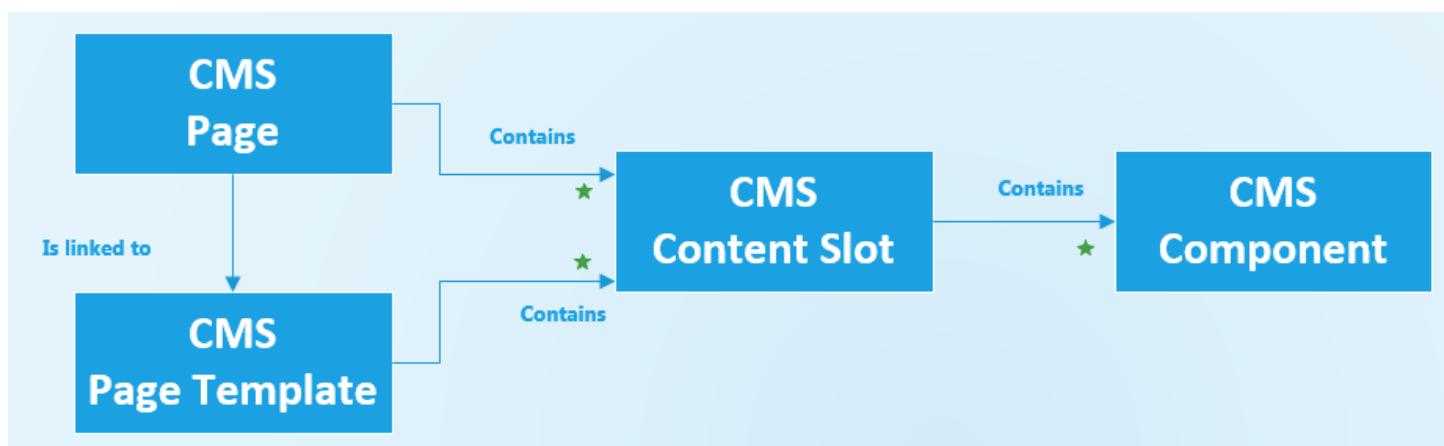
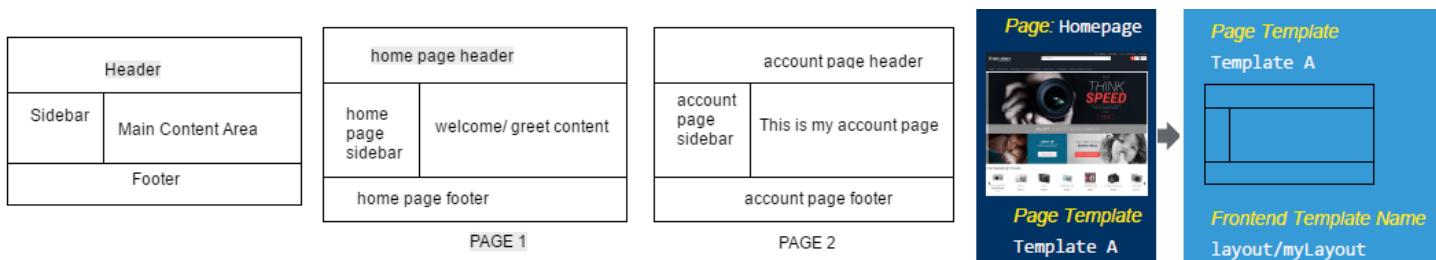
PowerPoint	WebSite / Site
Slides	Pages
1) Normal – Blank Presentation	1) Create page directly
2) Templates	2) Create page with Templates
Within Containers – We are putting the “Objects” like: - 1) Text 2) Images 3) Attachments 4) ===	Within “Content Slots” – We are putting “Components” like: - 1) Content Component 2) Link Component 3) Add to Cart 4) ===

**Q = What are the WCMS Jargons?**

- |                  |                      |                 |
|------------------|----------------------|-----------------|
| 1) Website       | 2) Tempaltes         | 4) Pages        |
| 4) Content slots | 5) Content slot name | 6) Compoents == |

**WCMS = Follows the MVC architecture.**

**MVC = Model View Controller**



## Creating Content Catalog =

Step 1 = Create the Content Catalog & Name it as “RRRSCC”

The screenshot shows the hybris Backoffice Commerce interface. On the left, there is a sidebar with a tree view:

- Catalog** (selected, highlighted with a green box)
- Catalogs** (under Catalog)
- Catalog Versions**
- Categories**

On the right, there is a list of entities:

- Catalog** (highlighted with a green box)
- Classification system
- Content Catalog** (highlighted with a green box)

A toolbar at the top has a blue plus sign button (highlighted with a green box) and other icons.

Create New Content Catalog

GIVE NAME TO THE CATALOG

ID: RRRSCC

Name: RRRS CC

Default catalog in the system:

True    False    N/A

**DONE**

## Step 2 = Create Content Catalog Versions (Staged & Online)

The screenshot shows the 'Create New Catalog version' dialog. On the left, a sidebar lists 'Catalog', 'Catalog Versions', 'Categories', and 'Products'. The main area displays 'VERSIONS OF THIS CATALOG' with 'RRRS CC' selected. A 'Catalog Versions' section shows 'RRRS CC : Staged'. At the bottom, a green box highlights the '+ Create new Catalog version' button. The right side of the dialog has fields for 'Catalog Version:' (set to 'Online') and 'Catalog:' (set to 'RRRS CC'). Buttons for 'CANCEL' and 'DONE' are at the bottom right.

## Results =

The screenshot shows the 'Catalog' structure. Under 'Catalog Versions', 'RRRS CC' is expanded to show two entries: 'RRRS CC : Staged' and 'RRRS CC : Online'. Both entries have green checkmarks next to them, indicating they are active.

## Step 3 = Make 1 of the catalog version active = true

The screenshot shows the 'Edit item RRRS CC 1 : Staged' screen. The top navigation bar includes 'REFRESH', 'SAVE', 'CATALOG VERSION', 'CONTENT', 'CATALOG VERSIONS', 'PERMISSIONS', and 'ADMINISTRATION'. The 'CATALOG VERSION' tab is selected. In the 'ESSENTIAL' section, 'Catalog' is set to 'RRRS CC 1' and 'Catalog Version' is set to 'Staged'. Below this, under 'CATALOG VERSION', there is a large green arrow pointing down to the 'is active catalog version' field. This field contains the text 'True' with a radio button next to it. The right side of the screen shows a preview of 'RRRS CC 1 : Staged'.

Contact Us = ChennaReddyTraining@RRRS.CO.IN

**Note** = Inside content catalog, we will be having the “Pages ... Content Slots ... Components ...”.

**Q** = Generally, in the companies, who will be managing the content (Create pages / components ... Updating pages / components ... Deleting pages / components ....)? = **cmsmanager / cmseditor**

cmsmanager uses “**SmartEdit**” to manage the content.

Assume that, now right now you are cmsmanager (means, you are responsible to manage the content).

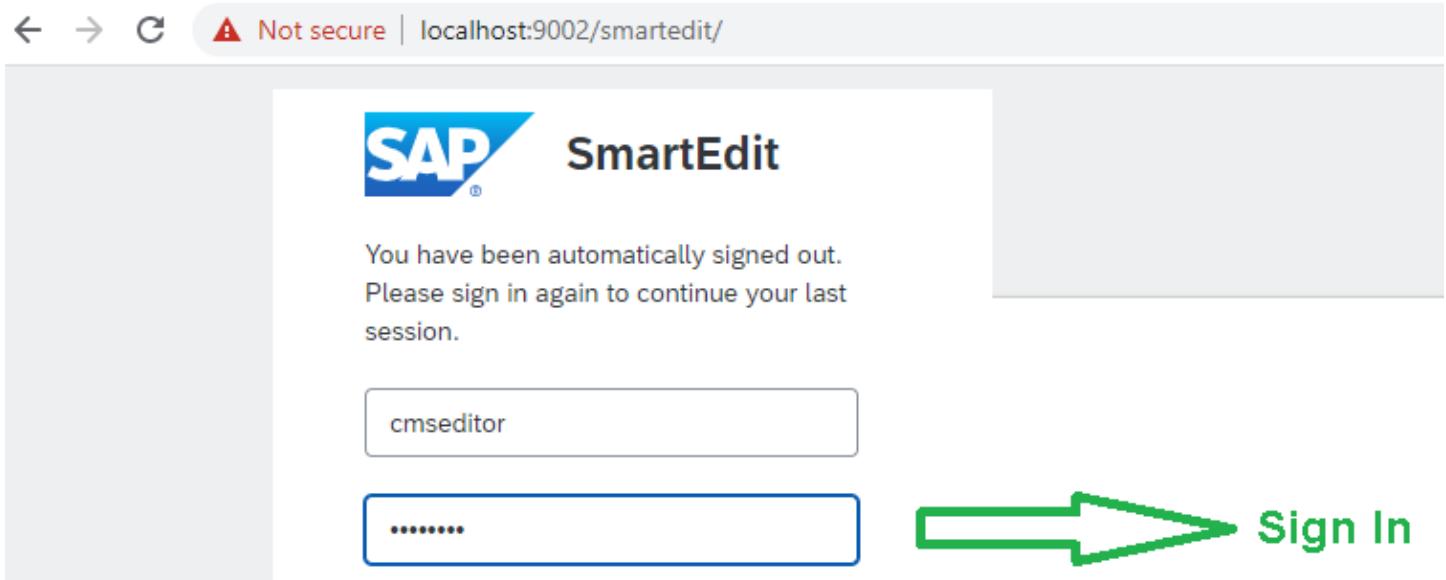
So, you will be using **SmartEdit** to manage the content.

#### **Step 4 = Verify CMS Users [cmseditor]**

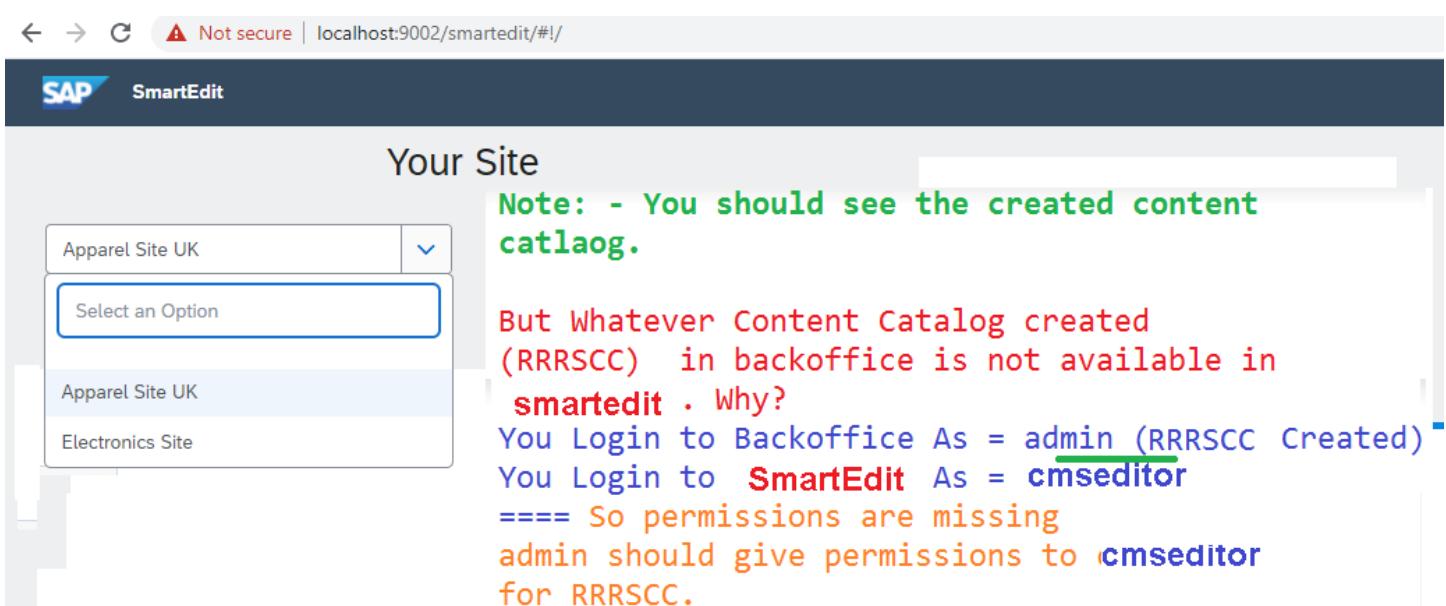
The screenshot shows the SmartEdit CMS Editor interface. On the left, a sidebar menu under the 'User' section is visible, with 'Employees' highlighted. The main area displays a list of users with one entry selected: 'cmseditor' (CMS Editor). Below the list, a section titled 'CMS Editor [cmseditor]' contains tabs for 'GENERAL', 'ADDRESSES', 'PASSWORD' (which is currently selected), 'ORDERS', 'EMPLOYEE PRICES', 'PERSONALIZATION', and 'ADMINIST'. Under the 'PASSWORD' tab, there are fields for 'Password Type' (set to 'PBKDF2 (HMAC-SHA1)'), 'Change Password' (with two masked input fields), and a 'Disable Login' switch (set to 'False'). A green checkmark is drawn next to the 'Disable Login' switch.

## Step 5 = Login to SmartEdit with **cmseditor** user

URL = <https://localhost:9002/smaredit>

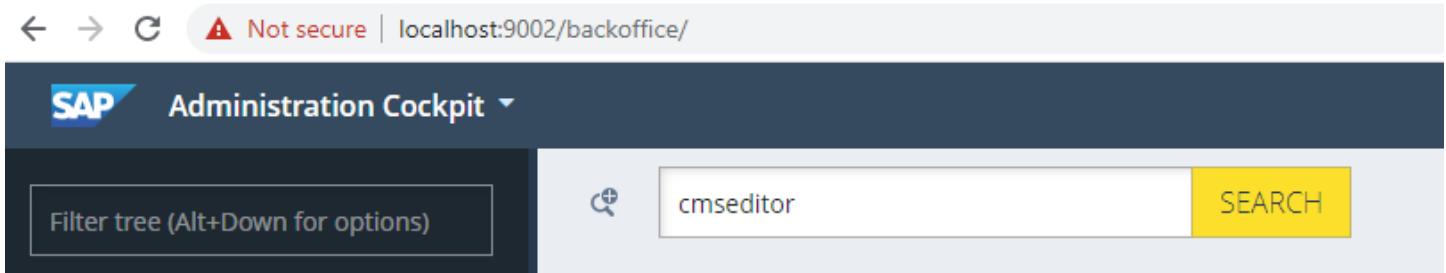


The screenshot shows the SAP SmartEdit login page. At the top left is the SAP logo. To its right, the word "SmartEdit" is displayed. Below the logo, a message reads: "You have been automatically signed out. Please sign in again to continue your last session." There are two input fields: one for the username "cmseditor" and one for the password, which is partially obscured by blue dots. To the right of the password field is a large green arrow pointing towards a "Sign In" button.



The screenshot shows the SAP SmartEdit dashboard. At the top, it says "Your Site". On the left, there is a dropdown menu with "Apparel Site UK" selected. A tooltip or note on the right side of the screen states: "Note: - You should see the created content catlaog." Below this, another note in red text says: "But Whatever Content Catalog created (RRRSCC) in backoffice is not available in smartedit . Why?" Further down, it lists: "You Login to Backoffice As = admin (RRRSCC Created)" and "You Login to SmartEdit As = cmseditor". A concluding note in orange text states: "==== So permissions are missing admin should give permissions to cmseditor for RRRSCC."

## Step 5 = Now Login to Backoffice with admin user & provide permissions for “cmseditor”.



The screenshot shows the SAP Administration Cockpit. At the top, it says "Administration Cockpit". Below the header, there is a search bar containing the text "cmseditor". To the right of the search bar is a yellow "SEARCH" button.

User

Companies

User Groups

**Employees**

Customers

Addresses

Titles

Agreements

SAVED QUERIES

No queries

ID	Name
cmseditor	CMS Editor

0 ITEMS SELECTED

CMS Editor [cmseditor]

GENERAL ADDRESSES PASSWORD ORDERS EMPLOYEE PRICES PERSONALIZATION ADMINISTRATION

Writable catalog versions	Readable catalog versions
RRRS CC : Staged	RRRS CC : Staged
RRRS CC : Online	RRRS CC : Online

All writable catalog versions

default catalog : Staged

Apparel UK Content Catalog : S...

Electronics Content Catalog : St

## Step 6 = Login to SmartEdit with cmseditor user

URL = <https://localhost:9002/smarteredit>

User = cmseditor

PWD = 12341234

← → C A Not secure | localhost:9002/smarteredit/#!/

SAP SmartEdit

Your Site

Apparel Site UK

Select an Option

Apparel Site UK

Electronics Site

Even after giving permissions, still cmseditor not able to see the created content catalog (RRRSCC) in smartedit . Why?

We can't see the content catalog without WebSite.

== So, we need to create website & attach Content Catalog to WebSite.

**Step 7 = Login to Backoffice & Create Website. Finally attach [RRRSWS].**

**== Backoffice**

**== Website [ID = RRRSWS]**

The screenshot shows the Commerce backoffice interface. On the left, a sidebar menu includes 'WCMS' (with 'Website' selected), 'Page Type', 'Page Template', 'Content Slot Relation for a Page Template', 'Page', 'Content Slot', and 'Content Slot Relation for a Page'. Below this is a 'SAVED QUERIES' section. The main area is titled 'Create New Website' with a sub-section 'PROVIDE ALL MANDATORY FIELDS'. It contains fields for 'Open preview in new tab' (radio buttons for True, False, N/A), 'Active' (radio buttons for True, False, N/A), and 'Personalization configuration'. A 'Time created:' field with a calendar icon is present. The 'ID' field is highlighted with a green border and contains the value 'RRRSWS'. At the bottom right are 'CANCEL' and 'DONE' buttons, with 'DONE' being highlighted by a yellow box.

**==== Give Name**

**Assign the “Content Catalog”**

The screenshot shows the Commerce backoffice interface. The sidebar menu includes 'WCMS' (with 'Website' selected), 'Page Type', 'Page Template', and 'Price Settings'. Below this is a 'SAVED QUERIES' section. The main area displays a table with columns 'ID', 'Name', 'Acti...', and 'Content Catalogs'. One row is selected, showing 'RRRSWS' in the ID column and 'RRRS WS' in the Name column. The 'Content Catalogs' column is empty. Below the table, a message says '0 ITEMS SELECTED'. A list box labeled 'RRRS WS' is shown with a delete icon. At the bottom are 'REFRESH' and 'SAVE' buttons, with 'SAVE' being highlighted by a yellow box. The 'CONTENT CATALOGS' section on the right shows a list with 'Content Catalogs' and 'RRRS CC', with 'RRRS CC' being highlighted by a green box. The 'PROPERTIES' tab is active, showing the 'ESSENTIAL' section with fields for 'ID' (containing 'RRRSWS'), 'Name' (containing 'RRRS WS'), 'Active' (radio button for 'True' selected), and 'False' (radio button for 'False').

## Step 8 = Login to SmartEdit with cmseditor user

URL = <https://localhost:9002/smaredit>

User = cmseditor

PWD = 12341234

The screenshot shows the SAP SmartEdit interface. At the top, there's a header bar with the SAP logo and the title "SmartEdit". Below it, a navigation bar has "RRRS WS" highlighted with a green box. A dropdown menu titled "Select an Option" is open, showing "RRRS WS" again, followed by "Apparel Site UK" and "Electronics Site". To the left, another green box highlights "RRRS CC". On the right, under "Your Site", there are sections for "ONLINE" and "STAGED", each with links to "HOMEPAGE | PAGES | NAVIGATION MANAGEMENT". A vertical sidebar on the left indicates the current status is "ONLINE".

This screenshot displays two browser windows side-by-side. The left window shows the storefront "B2C Accelerator" with a search bar, navigation menu (BRANDS, STREETWEAR, SNOW, ACCESSORIES, YOUTH), and a large "Home Page" image featuring a man's face. The right window shows the "hybris CMS Cockpit" with a navigation bar, a list of websites including "PowerTools Site", "Electronics Site", "Apparel Site UK", "Apparel Site DE", "RRRS WS", "RRRS CC / Staged", and "RRRS CC / Online". A large green arrow points from the storefront's "Home Page" area towards the CMS cockpit's website list.

Streetwear | Collections | Apparel | hybris CMS Cockpit

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

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

HOME / COLLECTIONS / STREETWEAR

**Applied Facets**

Belts X

# Category Page

Shop by Stores

SORT BY: TOP RATED

8 Products found



Streetwear | Collections | Apparel | hybris CMS Cockpit

Not secure | localhost:9002/cmscockpit/index.zul

WCMS Page View | Live Edit | Navigation

Shortcuts

All pages

Blacklist (0)

Quickcollection (0)

Websites

- PowerTools Site
- Electronics Site
- Apparel Site UK
- Apparel Site DE
- RRRS WS
- RRRS CC / Staged

Create New Page - Select desired type

- Category Page**  
A Category Page is used for displaying like text, image but also dynamic Components
- Content Page**  
A Content Page is a standard page. Use it to model static content, like the Homepage, News, FAQs, Terms & Delivery and so on.
- Document Page**  
Document Page
- Email Page**  
Email Page
- Product Page**  
A Product Page is used for displaying a product detail page. It can contain static

Trope Beanie hunter Uni | Beanie | SAP CX Backoffice | SmartE

Not secure | localhost:9002/smaredit/#!/pages/RRRSWS/RRRSCC/Online

**SmartEdit**

Sites > Navigation Pages Storefront

**Pages** RRRS CC - Online

Pages (0)

Page Name	Page ID

**Create Page**

Type > Template > Display Condition > Info

SmartEdit supports the following page types. Select one.

- Category Page**  
A Category Page is used for displaying the inventory of a category. It can contain static Components like text, image but also dynamic Components like a product list.
- Content Page**  
A Content Page is a standard page. Use it to model static content, like the Homepage, News, FAQs, Terms & Delivery and so on.
- Email Page**  
An email page is used to display emails. It can contain static components like text and images, but also dynamic content like product information.
- Page for Configuration Overview**  
Page for Configuration Overview
- Page for Configuring a Product**  
Page for Configuring a Product
- Product Page**  
A Product Page is used for displaying a product detail page. It can contain static

**Create Page**

## Product Page

A Product Page is used for displaying a product detail page. It can contain static Components like text, image but also dynamic Components like product detail.

## **Scenario = Website**

- 1) ID ... Name ... Active
- 2) Basestore
  - a. Language
  - b. Currency
  - c. Captcha Enabled
  - d. Warehouses
  - e. Delivery Countries/Regions
  - f. Billing Countries/Regions
  - g. External Tax Enabled
  - h. Pickup In Store Mode
  - i. Submit Order Process Code = order-process
  - j. Storelocator Distance Unit
  - k. Express Checkout Enabled
  - l. Tax Estimation Enabled
  - m. =====
- 3) Product Catalog
- 4) Content Catalog
- 5) Theme = Alpha & Lambda
- 6) Channel = B2C / B2B
- 7) Cart Removal
  - a. Cart removal cronjob
    - Cart removal age
    - Anonymous cart removal age
- 8) Start Page
- 9) Redirect URL & URL Patterns
- 10) Active = Active from & Active until
- 11) Site Map Configurations
- 12) Solr Search Configuration
- 13) =====

Not secure | localhost:9002/backoffice/

## SAP Administration Cockpit

Administration Cockpit

Filter tree (Alt+Down for options)

SEARCH

Apparel Site UK

REFRESH SAV

PROPERTIES WCMS PROPERTIES PERSONALIZATION ADMINISTRATION

ESSENTIAL

ID	Name	Active
apparel-uk	Apparel Site UK	<input checked="" type="radio"/> True <input type="radio"/> False

BASE STORES

Base Stores

ID	Name	Default Catalog
apparel-uk	Apparel S...	Apparel Product Catalog

SAVED QUERIES

No queries

### BASE CONFIGURATION

Theme Channel Default Language Locale

Alpha	B2C	English [en]	en_GB
-------	-----	--------------	-------

Solr Search Configuration

apparel-ukIndex
-----------------

### SEARCH CONFIGURATION

Product Index Type

...
-----

### CART REMOVAL

Cart removal cronjob Cart removal age Anonymous cart removal age

cartRemovalJob : apparel-uk-C...	2419200	1209600
----------------------------------	---------	---------

### CONTENT CATALOGS

Content Catalogs

Apparel UK Content Catalog	...
----------------------------	-----

## CONFIGURATION

Start Page

Redirect URL

URL Patterns

(?i)^https://[^/]+(/[^?]*?)?\?(....			
(?i)^https://apparel-uk\.[^/]+			
(?i)^https://apparel\.uk\.[^/]+			

## ACTIVE

Active from

Active until

## URL ENCODING ATTRIBUTES

URL Encoding Attributes

language			

## SITE MAP CONFIGURATIONS

Site Maps

	Homepage-en-GBP-86513...
	Product-en-GBP-4923019...
	CategoryLanding-en-GBP-...
	Category-en-GBP-131689...
	Store-en-GBP-937287476...

Site Map Configuration

**Scenario** = Why we need other cockpits “Product Cockpit ... CMS Cockpit [Old] / SmartEdit [New] ... CS Cockpit ...] when we able to do everything from **backoffice admin cockpit**?

The screenshot shows the SAP CX Backoffice Administration Cockpit interface. On the left, there's a sidebar with a tree view under 'Catalog' containing 'Catalogs', 'Catalog Versions', 'Categories', 'Products', 'Product Variant Types', 'Units', and 'Keywords'. A yellow arrow points from the 'Products' node towards the main content area. The main content area has a 'WCMS' section expanded, showing 'Website', 'Page Type', 'Page Template', 'Content Slot Relation for a Page Template', 'Page', 'Content Slot', and 'Content Slot Relation for a Page'. To the right of the WCMS section is a vertical sidebar with icons for Catalog, Multimedia, User, Order, Price Settings, Internationalization, Marketing, and WCMS. A green bracket on the right side of the slide groups several annotations:

- Chenna --- Is content manager & he is responsible to manage the content.
- Raj -- Is product manager & he is responsible to manage the products.
- RRRS -- Is Customer Support agent & he is responsible to support customers.
- ==== If Chenna, Raj & RRRS ... All are having Backoffice Admin Cockpit then there is Security Breach challenge.
- Bcoz -- Chenna, Raj & RRRS can see "Orders, Users, Carts and ...", which are not related to them. To overcome this challenge, SAP Comm is giving other Cockpits.

SAP Comm is providing many cockpits: -

- 1) Admin Cockpit = For Administrators
- 2) CMS Cockpit / Smart Edit = For Content Manager
- 3) Product Cockpit = For Product Manager
- 4) CS Cockpit = For CS Agents
- 5) =====

People who manages the products, we call them as “**Product Managers**”.

People who manages the content, we call them as “**Content Managers**”.

Content Manager can use “**CMS Cockpit / Smart Edit**” to manage the Content. CMS Cockpit is kind of deprecated.

SAP Comm is not having CMS Cockpit in 1811 & 1905.

Bcoz of customers benefits SAP Comm 2005 is again having CMS Cockpit.

**Scenario = Change the Site Name as “RRRS Site UK” instead of “Apparel Site UK”?**

The screenshot shows the SAP B2C Accelerator Backoffice interface. A red arrow points to the browser tab labeled "Apparel Site UK | Homepage". The main content area displays a message: "This is SAP Comm provided B2C eComm Site." Below it is a question: "Q: Where the code is available for this Site?". A yellow box highlights the "WCMS" section in the left sidebar, which contains "Website", "Page Template", "Content Slot Relation Template", and "Page". Another yellow box highlights the "apparel-uk" entry in the "Content Catalogs" table. A third yellow box highlights the "apparel-uk" entry in the "Properties" table. A red box highlights the "site-responsive\_en.impex" file in the background, which contains code for creating a CMS site:

```

# -----
# Import the CMS Site configuration for the Apparel DE Store
#
# Language
$lang=en

# Create CMS Site
UPDATE CMSsite;uid[unique=true];name[$lang];locale[$lang]
;apparel-uk;"Apparel Site UK";en_GB

```

**Solution 1 = You can do from backoffice**

The screenshot shows the SAP CX Backoffice interface. A green box highlights the "Website" entry in the left sidebar. The main content area shows a table with one item: "apparel-uk" (Name: Apparel Site UK, Active: true). A green box highlights the "Name" field in the "Properties" table, which is currently set to "Apparel Site UK".

**Results =**

The screenshot shows a browser window titled "RRRS Site UK | Homepage". A green arrow points from the previous SAP CX Backoffice screenshot to this browser window, indicating the result of the update.

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

**Note** = Solution 1 works fine & no problem.

Assume that – Right now changes are done in Dev Environment.

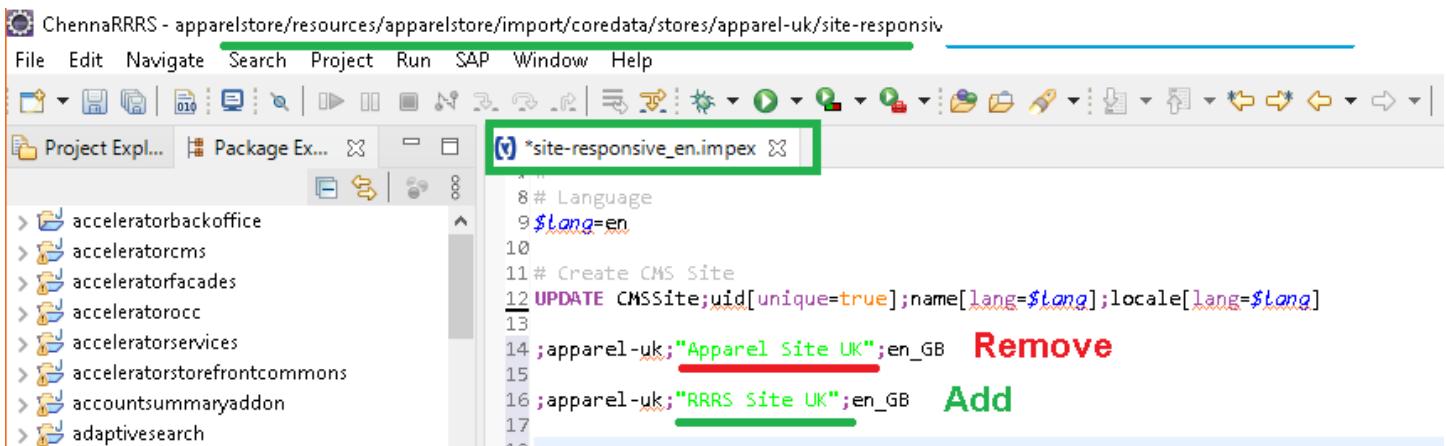
**Q** = How can we move this changes from 1 Env to another Env [Dev – QA – UAT – Pro]?

There are some ways to move, but difficult [Not best practices].

Hence – go **Solution 2** = ImpEx.

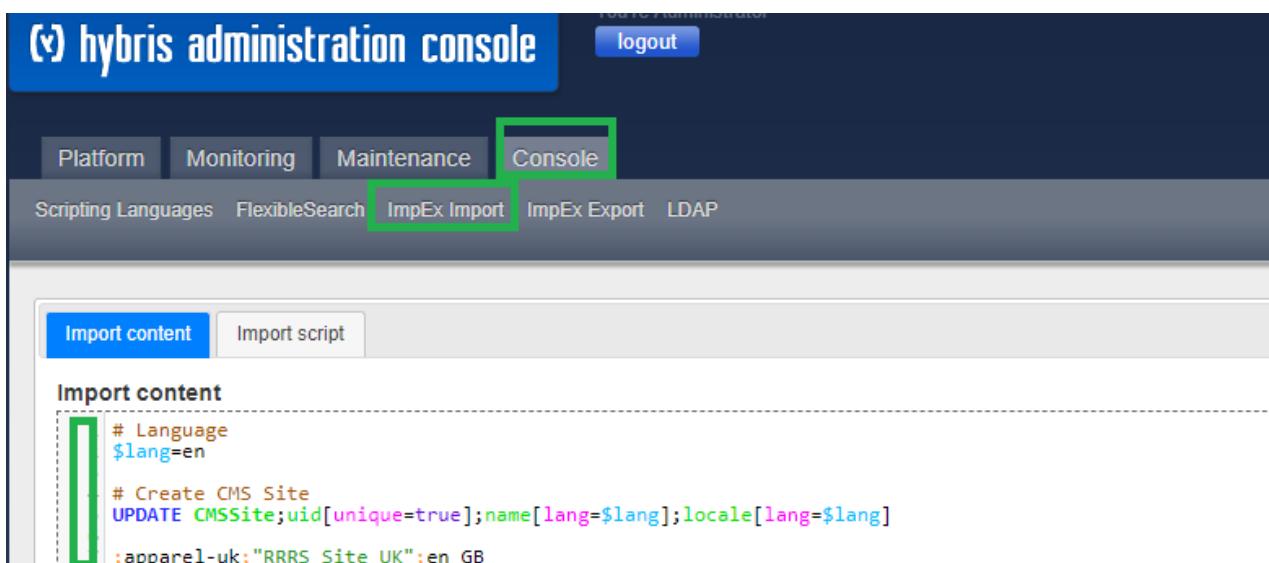
## Solution 2 =

### Step 1 = Find the ImpEx & do the changes

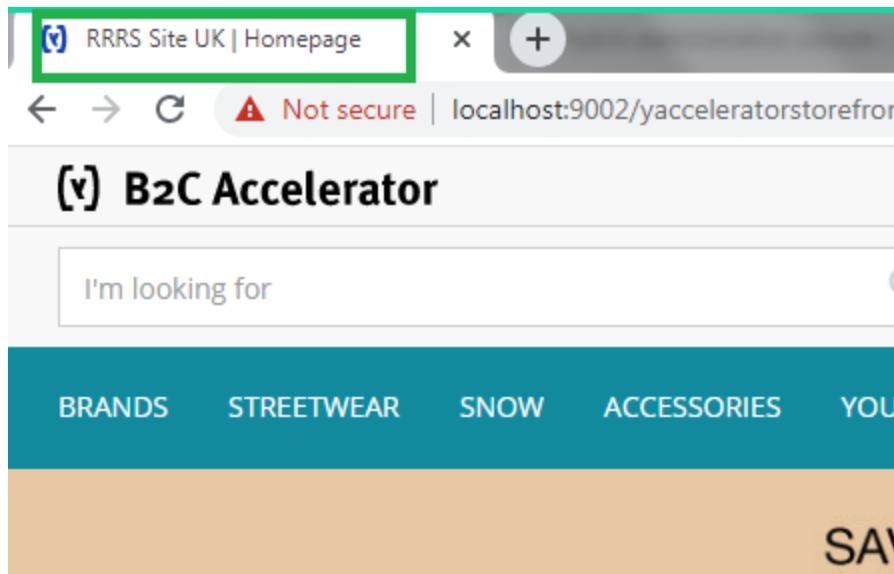


```
8 # Language
9 $lang=en
10
11 # Create CMS Site
12 UPDATE CMSSite;uid[unique=true];name[lang=$lang];locale[lang=$lang]
13
14 ;apparel-uk;"Apparel Site UK";en_GB Remove
15
16 ;apparel-uk;"RRRS Site UK";en_GB Add
17
18
```

### Step 2 = Execute the ImpEx



## Results =



**Note** = In above 2nd Solution, we executed ImpEx manually from hAC. But Apparel Site UK was there before also.

A screenshot of a web browser window titled "Apparel Site UK | Homepage". The address bar shows "localhost:9002/yacceleratorstorefront/?site=apparel-uk". The page title is "B2C Accelerator". Handwritten notes in red and green are overlaid on the page:

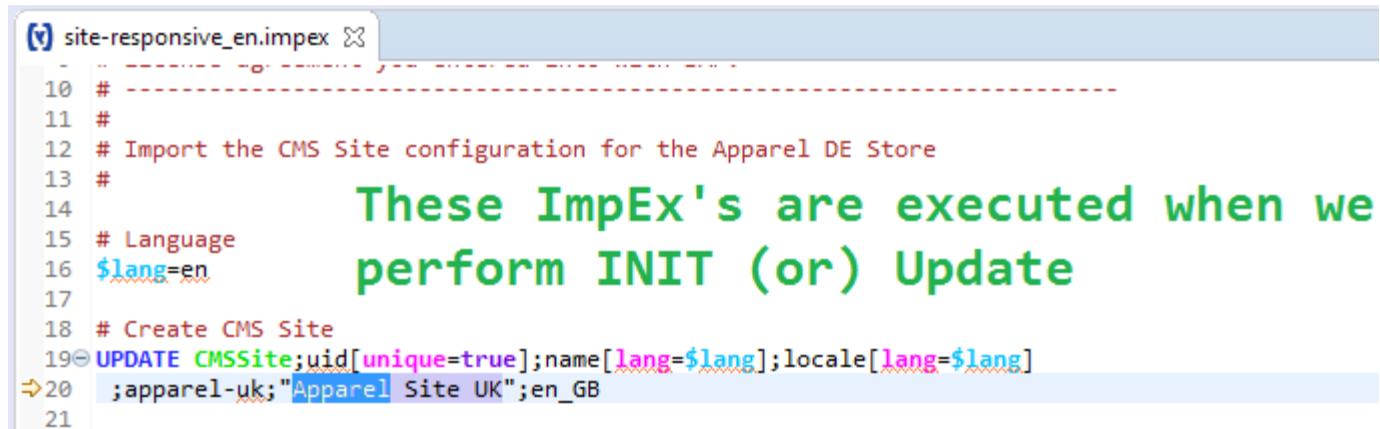
- This is the Site [Pages ... Website ... Components ...] Given for us.
- Q = Where is the code available for this? = ImpEx
- Q = Did we execute those ImpEx? = No
- Then -- When those ImpEx's are executed? = During INIT / Update.

The page features a navigation menu with "BRANDS", "STREETWEAR", "SNOW", "ACCESSORIES", and "YOUTH". Below the menu, a question "Q = What executed during INIT & What executed during Update?" is displayed. A code editor window titled "InitialDataSystemSetup.java" is open, showing the following Java code:

```
55     }
56
57     /**
58      * Implement this method to create initial objects. This method will be called by system creator
59      * initialization and system update. Be sure that this method can be called repeatedly.
60      */
61     @SystemSetup(type = Type.ESSENTIAL, process = Process.ALL)
62     public void createEssentialData(final SystemSetupContext context)
63     {
64         // Add Essential Data here as you require
65     }
66
67     /**
68      * Implement this method to create data that is used in your project. This method will be called
69      * initialization. <br>
70      */
71     @SystemSetup(type = Type.PROJECT, process = Process.ALL)
72     public void createProjectData(final SystemSetupContext context)
73     {
74         /*
75          * Add import data for each site you have configured
76         */
77     }
}
```

Two green arrows point from the handwritten note "When those ImpEx's are executed? = During INIT / Update." to the annotations on lines 59 and 69 of the code.

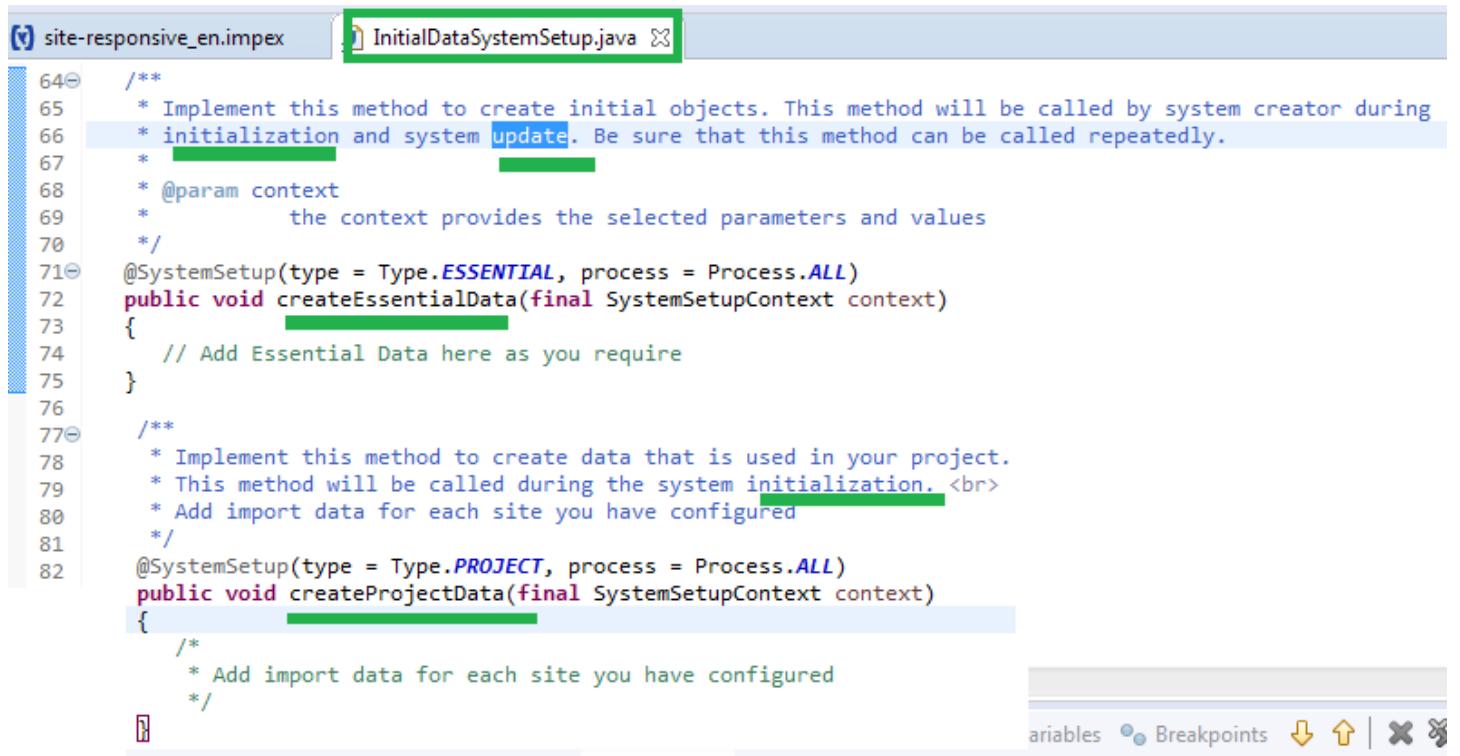
**Q = Who (or) When those ImpEx executed?**



```
site-responsive_en.impex
10 # -----
11 #
12 # Import the CMS Site configuration for the Apparel DE Store
13 #
14 # Language
15 $lang=en
16
17
18 # Create CMS Site
19 UPDATE CMSSite;uid[unique=true];name[lang=$lang];locale[lang=$lang]
20 ;apparel-uk;"Apparel Site UK";en_GB
21
```

These ImpEx's are executed when we perform INIT (or) Update

**Q = Based on what ImpEx will be executed during INIT (or) Update?**



```
site-responsive_en.impex InitialDataSystemSetup.java
64 /**
65  * Implement this method to create initial objects. This method will be called by system creator during
66  * initialization and system update. Be sure that this method can be called repeatedly.
67 */
68 * @param context
69 *          the context provides the selected parameters and values
70 */
71 @SystemSetup(type = Type.ESSENTIAL, process = Process.ALL)
72 public void createEssentialData(final SystemSetupContext context)
73 {
74     // Add Essential Data here as you require
75 }
76
77 /**
78  * Implement this method to create data that is used in your project.
79  * This method will be called during the system initialization. <br>
80  * Add import data for each site you have configured
81  */
82 @SystemSetup(type = Type.PROJECT, process = Process.ALL)
83 public void createProjectData(final SystemSetupContext context)
84 {
85     /*
86      * Add import data for each site you have configured
87     */
88 }
```

**Note** = Alternate for CMS Cockpit is “SmartEdit” from Hybris 1811 onwards. SmartEdit is there before versions also, but from 1811 it’s kind of mandatory.

## Scenario = SmartEdit

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

SAP SmartEdit

Your Site

Apparel Site UK

These are the catalogs that are related to the selected site

APPAREL UK CONTENT CATALOG

ONLINE

HOME PAGE | PAGES | NAVIGATION MANAGEMENT

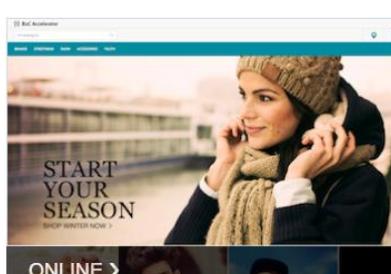
Last synced from Staged  
4/7/21 2:26 PM

STAGED

HOME PAGE | PAGES | NAVIGATION MANAGEMENT

Last synced  
4/7/21 2:26 PM

Sync



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

SAP SmartEdit

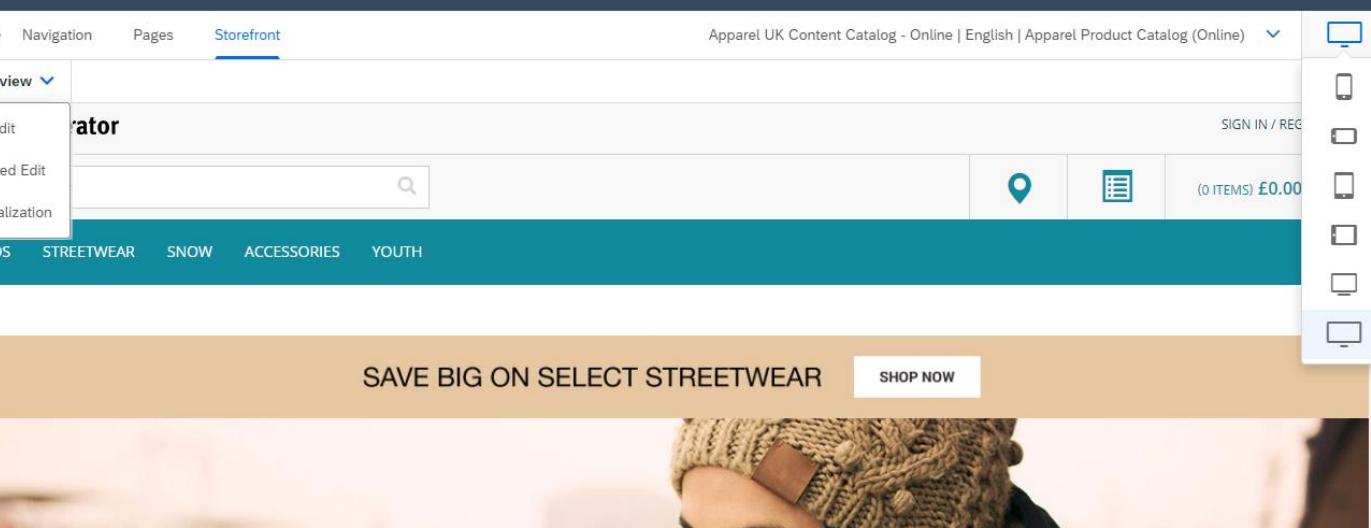
Sites > Navigation Pages Storefront Apparel UK Content Catalog - Online | English | Apparel Product Catalog (Online) ▾

Preview ▾

Basic Edit Advanced Edit Personalization

Brands Streetwear Snow Accessories Youth

SAVE BIG ON SELECT STREETWEAR SHOP NOW



Instead Preview

Q = Difference between “Basic Edit & Advanced Edit”?

Basic Edit = Shared Slots can't be changed / modified.

Advanced Edit = We can change / modify all.

Contact Us = ChennaReddyTraining@RRRS.CO.IN

## Basic Edit =

SAP SmartEdit

Sites > Navigation Pages Storefront

Apparel UK Content Catalog - Online | English | Apparel Product Catalog (Online)

Basic Edit ▾ + Component Info Trash

Shared slot: TopHeaderSlot from current catalog

B2C Accelerator

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

(0 ITEMS) £0.00

SIGN IN / REGISTER

OAKLEY LOGO

## Advanced Edit =

SAP SmartEdit

Sites > Navigation Pages Storefront

Apparel UK Content Catalog - Online | English | Apparel Product Catalog (Online)

Advanced Edit ▾ + Component Info Trash

B2C Accelerator

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

(0 ITEMS) £0.00

SIGN IN / REGISTER

# Scenario = Change the Logo [Component]

SAP Snow Pants | Snowwear men | Ca x SAP SmartEdit x +

Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Pants/c/190300

B2C Accelerator Change the Logo

I'm looking for 🔍

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH

## Solution =

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

SAP SmartEdit

Sites > Navigation Pages Storefront Apparel UK Content Catalog - Online | English | Apparel Product Catalog (1)

Advanced Edit Component Info Trash

B2C Accelerator

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES

Section1Slot-Homepage

Simple Banner Component Editor

Content Basic Info Visibility

Name \* Site Logo Component

Media

B2C Accelerator Remove

Simple Banner Component Editor

Content Basic Info Visibility

Name \* Site Logo Component

Media

Select an Option

Upload image to library Cancel Upload

IBM-Logo.png Replace

Code \* IBM-Logo2.png Name (Description) IBM-Logo.png

Link To External Internal /

Style Classes

Simple Banner Component Editor

Content Basic Info Visibility

Name \* Site Logo Component

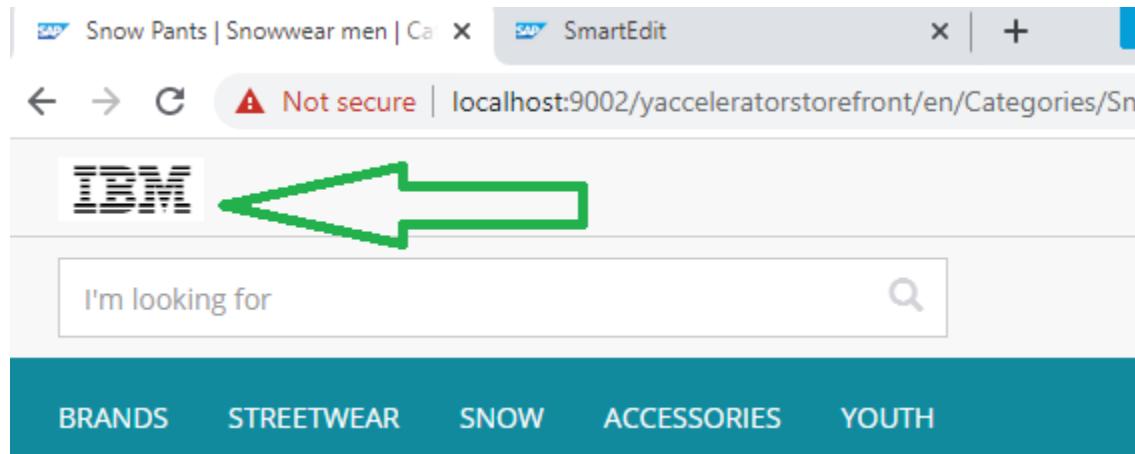
Media

IBM Information Replace Remove

Cancel Save

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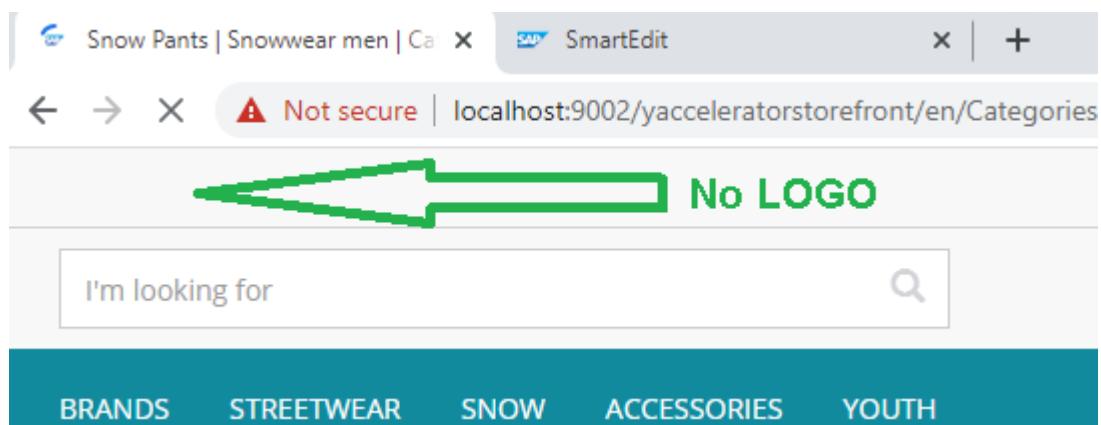
## Results =



## Scenario = Hide the Logo [Component]

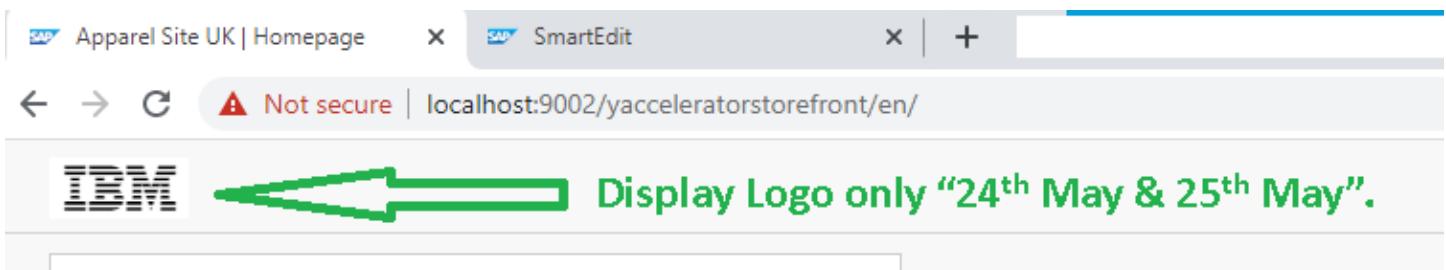
A screenshot of SAP SmartEdit showing the "Simple Banner Component Editor" dialog. The dialog has tabs for Content, Basic Info, and Visibility, with Visibility selected. Under Visibility, there is a section for "Display Component" with a toggle switch that is currently off. Below this is a "Restrictions" section with a "Create" button and a note that says "No restrictions added". At the bottom of the dialog are "Cancel" and "Save" buttons. The background shows the storefront interface with the SAP logo, a search bar, and a navigation menu.

## Results =



**Scneario = Display Logo [Component] only “24<sup>th</sup> May & 25<sup>th</sup> May”.**

This is called “Apply **Restriction**”.

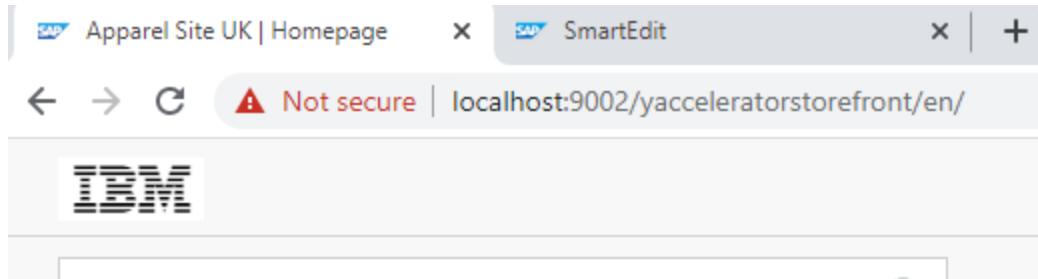


**Solution =**

The screenshot shows the SAP SmartEdit interface. In the center, the "Simple Banner Component Editor" dialog is open, showing the "Visibility" tab. It includes sections for "Display Component" (with a toggle switch) and "Restrictions" (which are currently empty). A "Create" button is visible. To the right, a "Add Restriction" dialog is open, showing "Time Restriction" selected in the "Restriction Type" dropdown. A restriction named "ChennaRRRS1" is listed, and another "Create" button is visible. A green arrow points from the "Time Restriction" dropdown to the "Restriction Type" dropdown in the Add Restriction dialog.

The screenshot shows the "Add Restriction" dialog and the "Simple Banner Component Editor". The "Add Restriction" dialog contains fields for "Enter Name" (set to "ChennaRRRS1"), "Name\*" (set to "ChennaRRRS1"), "Active From\*" (set to "5/24/21 1:31 AM"), and "Active Until\*" (set to "5/25/21 1:31 AM"). Below these are "Cancel" and "Add" buttons. The "Simple Banner Component Editor" shows the "Visibility" tab with the restriction "ChennaRRRS1 CMSTimeRestriction" listed, along with the active dates "Display from 5/24/21 1:31 AM to 5/25/21 1:31 AM". It also has "Cancel" and "Save" buttons. A green arrow points from the "Active From\*" field in the Add Restriction dialog to the "Active From\*" field in the Simple Banner Component Editor. Another green arrow points from the "Active Until\*" field in the Add Restriction dialog to the "Active Until\*" field in the Simple Banner Component Editor. A third green arrow points from the "Save" button in the Simple Banner Component Editor to the "Save" button in the Add Restriction dialog.

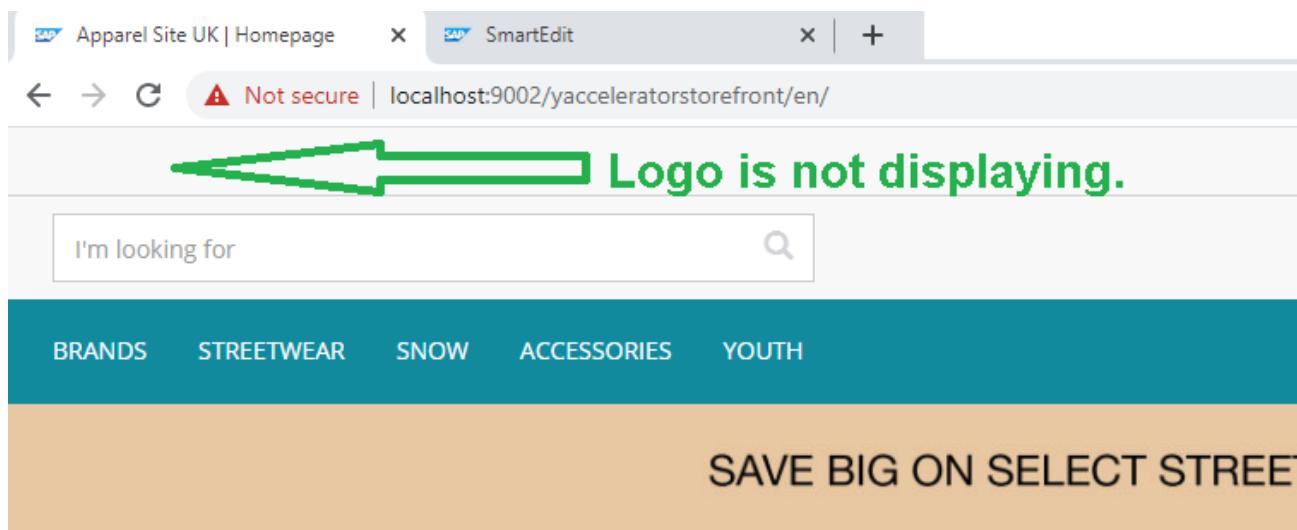
## Results =



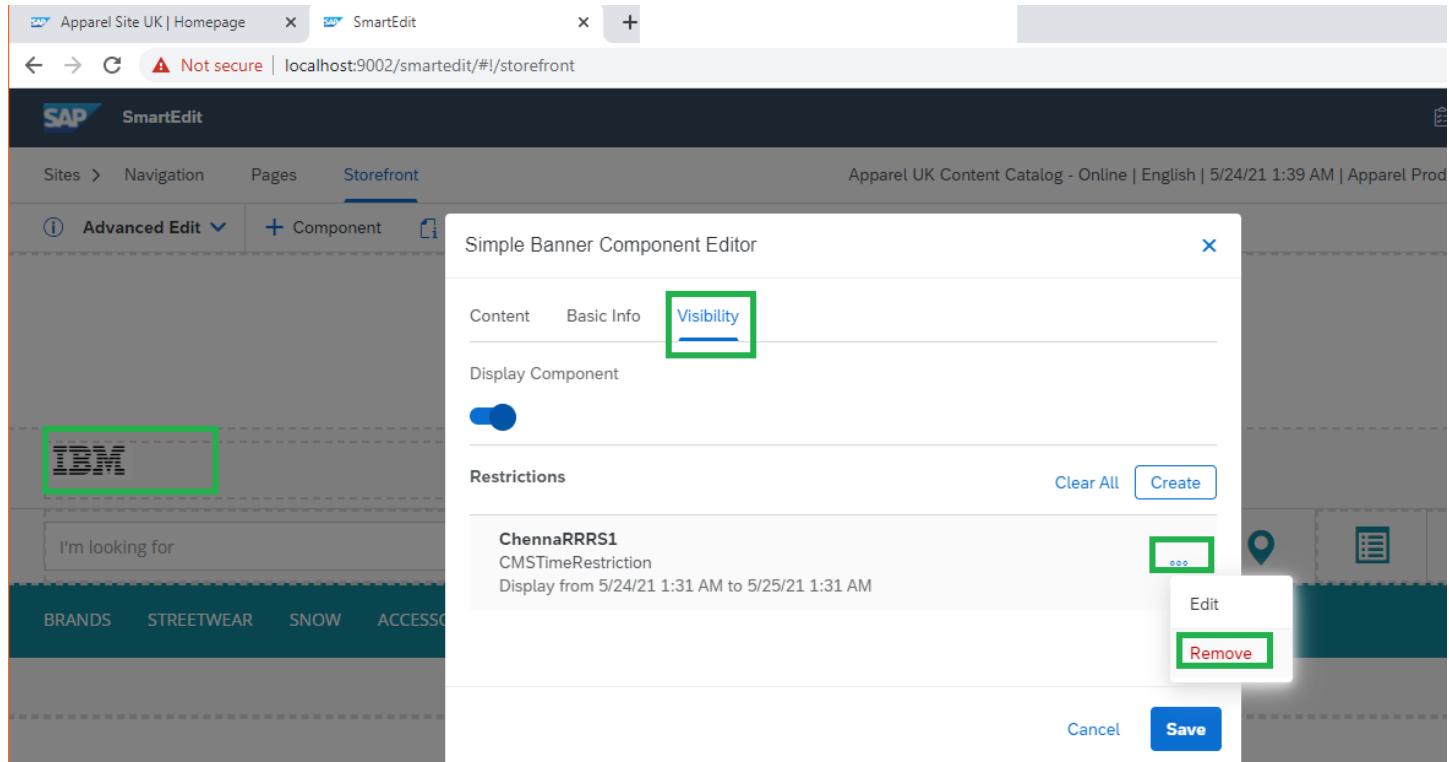
Q = How to test this scenario is working / not?

The screenshot shows the SAP SmartEdit interface for a storefront. A modal dialog is open, titled 'Content Catalog Version'. It contains fields for 'Content Catalog Version' (set to 'Apparel UK Content Catalog - Online'), 'Language' (set to 'English'), and 'Time' (set to '5/31/21 1:36 AM'). A green box highlights the 'Time' input field. A green arrow points to the 'Apply' button at the bottom right of the modal.

## Results =



## Q = How to remove restrictions?



## Q = What are the different Restrictions available?

### Restriction Type

- Select Restriction Type
- Assisted Service CMS User Group Restriction
- Assisted Service Session Restriction
- Storefront CMS Action Restriction
- Base Store Time Restriction
- Campaign Restriction

### Restriction Type

- Select Restriction Type
- CMS Restriction for Configurable Products in Cart
- Catalog Restriction
- Category Restriction
- Inverse Restriction
- Product Restriction

- CMS Secure Portal Restriction
- Time Restriction
- Storefront Experience Restriction
- Usergroup Restriction
- User Restriction

## Scneario = Search component changes

The screenshot shows a SAP SmartEdit interface for an apparel site. A red arrow points from the text "Req1 = When we type 3 chars then results are coming." to a search input field containing "ele". Another red arrow points from "Req2 = Only 4 products are displayed. Your company want 6 products to display." to a dropdown menu set to "4". A third red arrow points from "Req3 = Your company don't want the Image to display" to the "Display Product Images" toggle switch, which is turned off.

Req1 = When we type 3 chars then results are coming.  
Your company want for 2 chars.

Req2 = Only 4 products are displayed.  
Your company want 6 products to display.

Req3 = Your company don't want the Image to display

element

Image	Name	Price
	EI Moro Hat natural SM	£36.41
	The Life Beanie blue Uni	£15.35
	Alex Boardshort Youth blue L	£40.46

N SELECT STREETWEAR SHOP NOW

A woman wearing a large, textured brown beanie with a small brown bow on the side, smiling. The background is blurred.

## Solution =

The screenshot shows the SAP SmartEdit interface with the "Storefront" tab selected. A green circle highlights the "SearchBoxSlot" component in the storefront preview. A green arrow points from the "Save" button in the "SearchBox Component Editor" dialog to the "Save" button in the main editor area.

SearchBox Component Editor

Content Basic Info Visibility

Name \* Search Box

Display Product Images

Display Products

Display Suggestions

Max Products 6

Min Characters Before Request 2

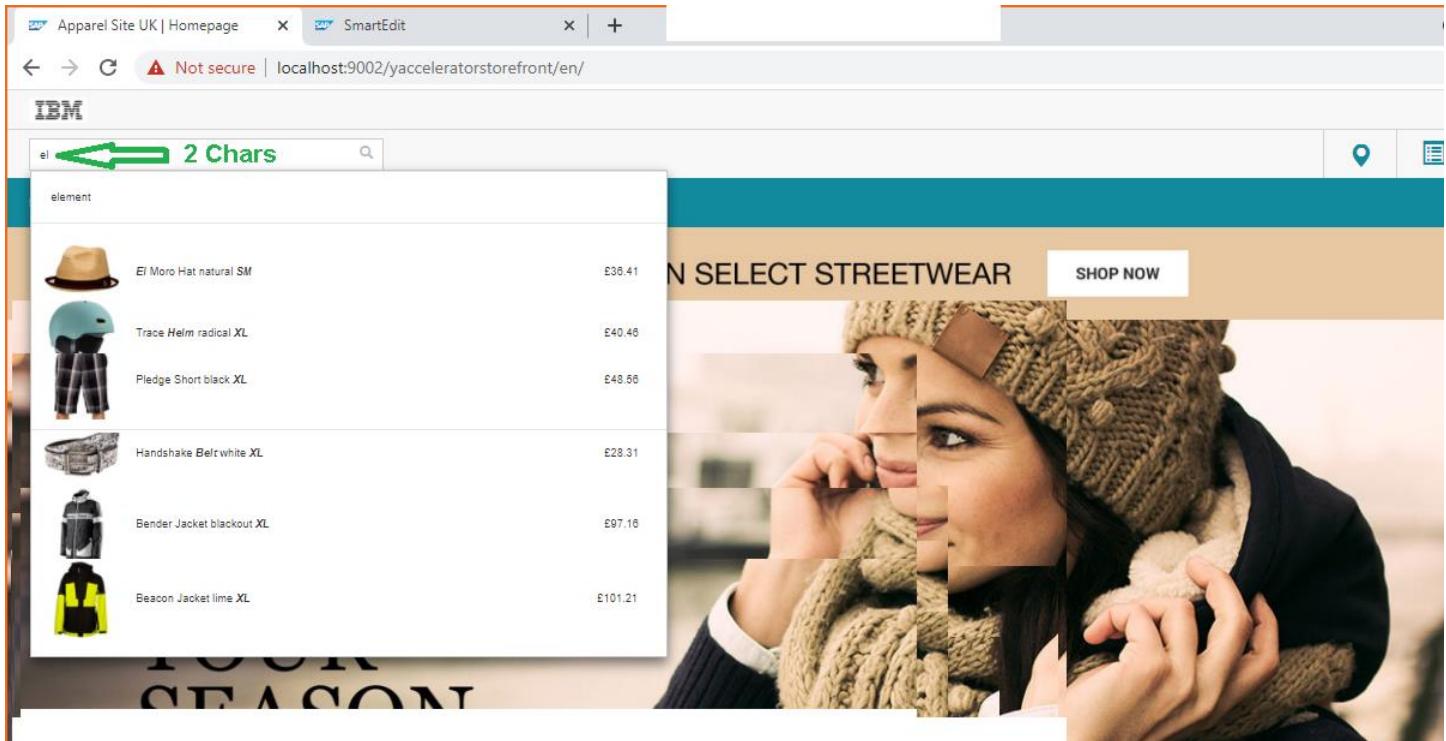
Wait Time Before Request 500

Style Classes

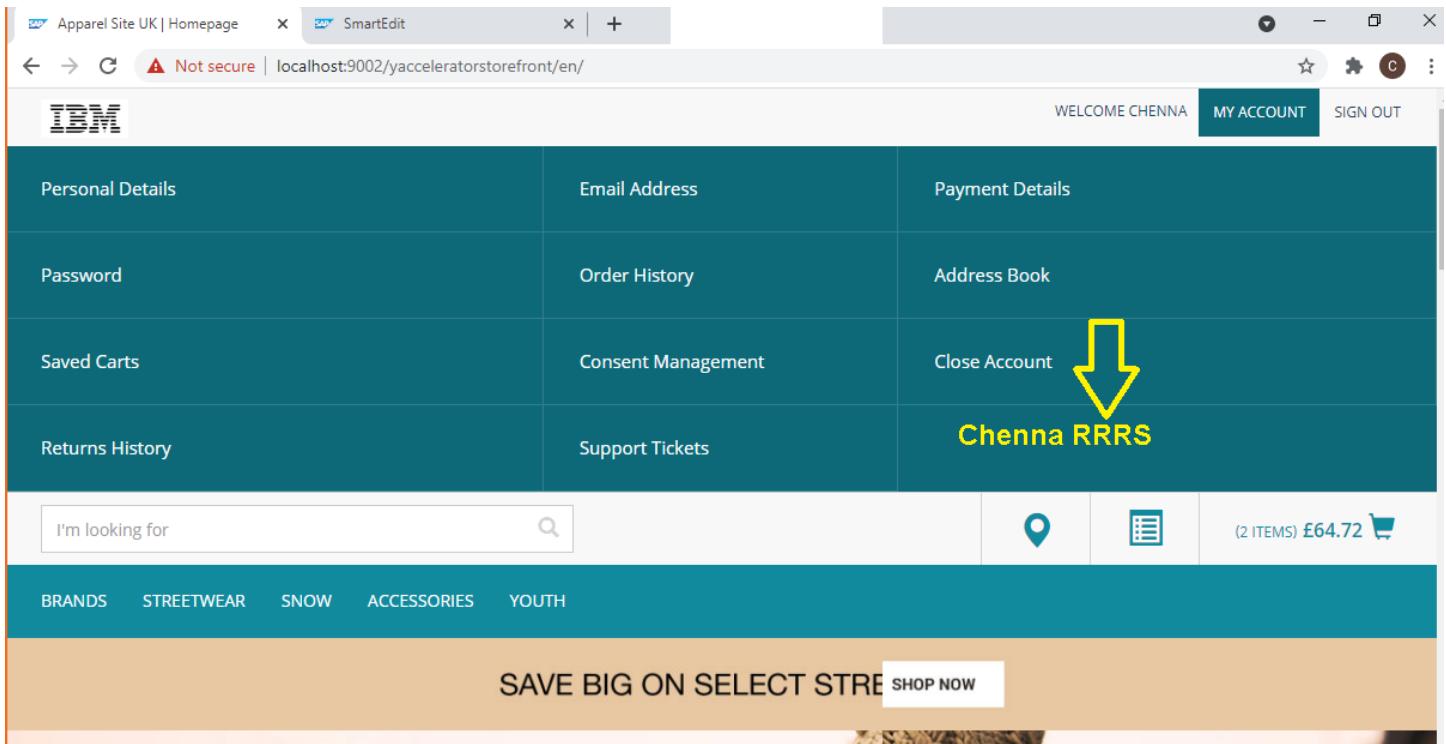
Save

SAVE BIG ON SELECT STREETWEAR SHOP NOW

## Results =



## Scenario = Do changes in “My-Account”



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

## Solution =

The screenshot shows the SAP SmartEdit interface for Navigation Management. The navigation bar includes tabs for Sites, Navigation (highlighted with a green box), Pages, and Storefront. The main content area displays a tree structure of navigation entries:

Name	Title	Entry
SiteRootNode	Apparel UK Site	...
Apparel UK Site	Apparel UK Site	...
My Account	My Account	...

Below the tree, there are two expandable sections: "Personal Details" and "Update Email". On the right side of the tree, there are context menu options: "Edit", "Add a Child" (highlighted with a green box), and "Add a Sibling". A "Create Top Level" button is located in the top right corner of the main content area.

The image shows two overlapping dialog boxes:

- Menu Item Editor**: This dialog has fields for Name\* (Chenna RRRS) and Title (Chenna RRRS). In the Entry(S) section, there is a list box containing "chennarrrs1" and "chennarrrs1" (highlighted with a green box). A "Create" button is also visible in this section. At the bottom are "Cancel" and "Save" buttons.
- CMS Navigation Entry Editor**: This dialog shows the entry "chennarrrs1" under CMSNavigationEntry. It has fields for Name\* (chennarrrs1) and Component\*. The "Component\*" field contains "adidas Originals Link" (highlighted with a green box) and is associated with a CMSLinkComponent. At the bottom are "Cancel" and "Save" buttons.

## Results =

The screenshot shows the SAP SmartEdit interface with the URL [localhost:9002/yacceleratorstorefront/en/Brands/adidas-Originals/c/adidas%20Originals](http://localhost:9002/yacceleratorstorefront/en/Brands/adidas-Originals/c/adidas%20Originals). The top navigation bar includes links for 'adidas Originals | Brands | Apparel' and 'SmartEdit'. The main content area displays a grid of account management options:

Personal Details	Email Address	Payment Details
Password	Order History	Address Book
Saved Carts	Consent Management	Close Account
Returns History	Support Tickets	Adidas Originals

Q = How to change “Adidas Originals” to “Chenna RRRS”?

The three screenshots illustrate the process of changing the navigation entry name:

- Step 1: Identify the navigation entry.** The left screenshot shows the SAP SmartEdit navigation sidebar with the entry "Chenna RRRS" highlighted in green.
- Step 2: Open the CMS Navigation Entry Editor.** The middle screenshot shows the "CMS Navigation Entry Editor" dialog. It displays the current name "chennarrrs1" and the component "adidas Originals Link". A green arrow points from the "chennarrrs1" label to the entry in the "Entry(S)" list.
- Step 3: Change the name in the Link Editor.** The bottom screenshot shows the "Link Editor" dialog for the "adidas Originals Link" component. It shows the path: Chenna RRRS > chennarrrs1 > adidas Originals Link. The "Name" field is set to "adidas Originals Link", and the "Linkname" field is set to "Chenna RRRS". A large green arrow points from the "Chenna RRRS" label in the CMS Navigation Entry Editor to the "Linkname" field in the Link Editor.

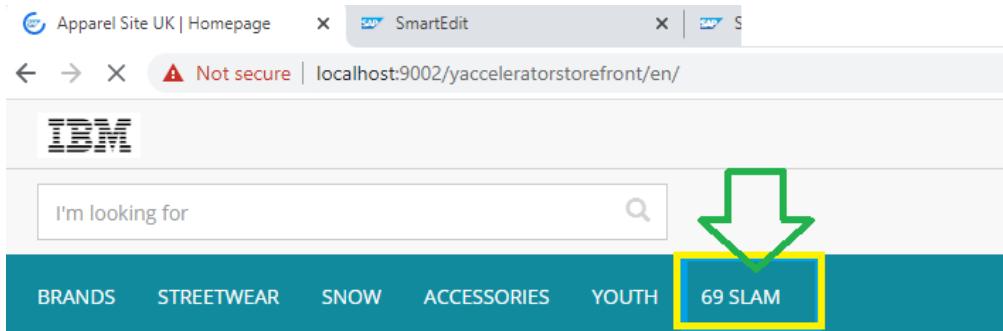
Contact Us = ChennaReddyTraining@RRRS.CO.IN

The screenshot shows a SAP storefront application. At the top, there are two tabs: "adidas Originals | Brands | Apparel" and "SmartEdit". The URL in the address bar is "localhost:9002/yacceleratorstorefront/en/Brands/adidas-Originals/c/adidas%20Originals". The page header includes the IBM logo, a "WELCOME CHENNAI" message, and a "MY ACCOUNT" button. Below the header is a grid of links: "Personal Details", "Email Address", "Payment Details"; "Password", "Order History", "Address Book"; "Saved Carts", "Consent Management", "Close Account"; and "Returns History", "Support Tickets", "Chenna RRRS". A green box highlights the "Chenna RRRS" link. Below the grid is a search bar with the placeholder "I'm looking for" and a magnifying glass icon. To the right of the search bar are icons for location, cart, and account, with a note "(2 ITEMS)". The main content area shows a navigation bar with categories: BRANDS, STREETWEAR, SNOW, ACCESSORIES, YOUTH. Below this is a breadcrumb trail: HOME / BRANDS / ADIDAS ORIGINALS. It displays "4 Products found" with four product thumbnails: a white jacket, a green backpack, a blue jacket, and a blue car. A "Shop by Stores" link is visible on the left.

**Note** = We can see the components from Backoffice

The screenshot shows the SAP Administration Cockpit. The top navigation bar includes the SAP logo, "Administration Cockpit", and various user icons. On the left, a sidebar menu under "WCMS" lists: Website, Page Type, Page Template, Content Slot Relation for a Page Template, Page, Content Slot, Content Slot Relation for a Page, and Component. A "SAVED QUERIES" section is also present. The main content area features a search bar with "adidas" and a "SEARCH" button. Below the search is a table with columns: ID, Name, Catalog Version, and Visibility. One row is selected, showing "adidasOriginalsLink", "adidas Originals Link", "Apparel UK Content Catalog : Staged", and "true". Below the table, a section titled "adidas Originals Link" shows a "REFRESH" button. At the bottom, tabs for "PROPERTIES", "RESTRICTIONS", "CONTENT SLOTS", and "ADMINISTRATION" are visible, along with a "VISIBILITY" section set to "Visible" with a "True" radio button selected.

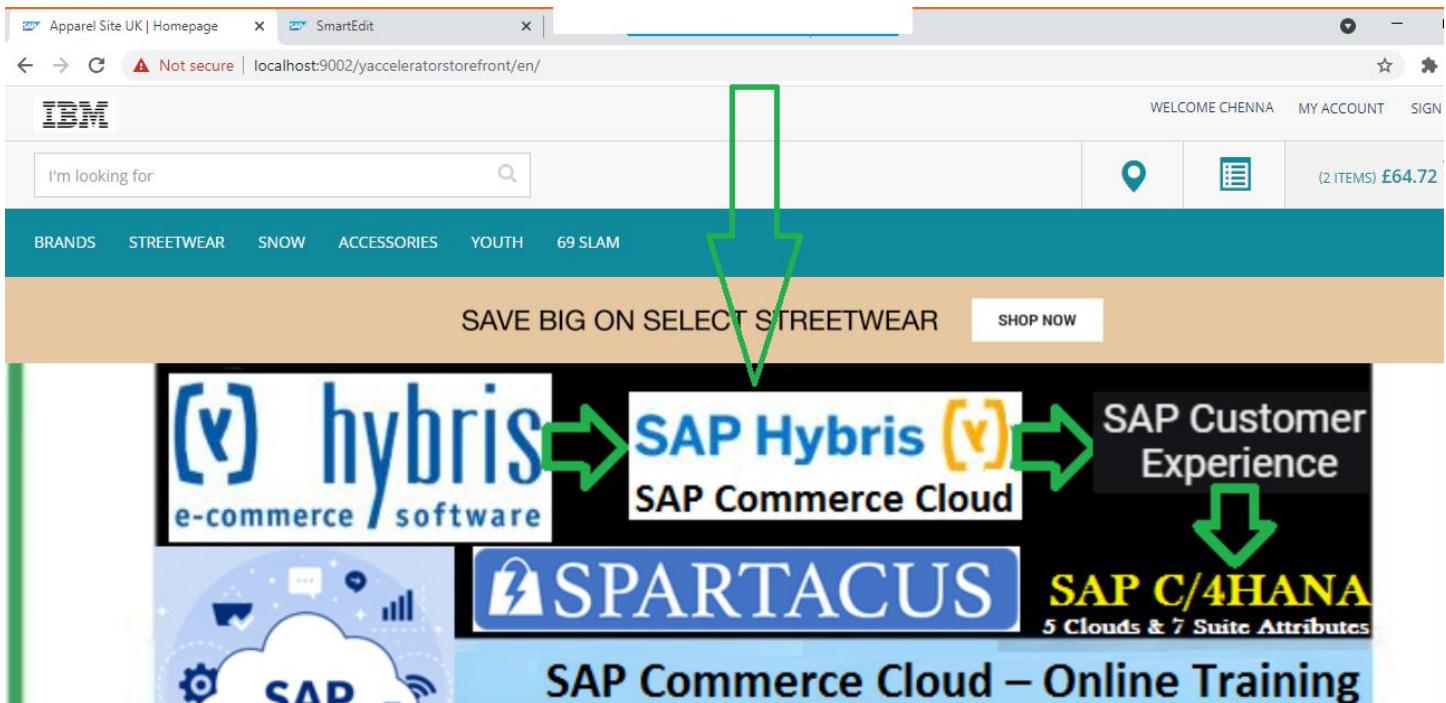
## Scenario = Do changes in “Navigation Menu”



## Solution =

The screenshot shows the SAP SmartEdit navigation editor. The top navigation bar includes links for 'Apparel Site UK | Homepage', 'SmartEdit', and a warning about 'Not secure'. The main content area shows the navigation structure under 'Apparel UK Site'. The 'Categories' node is expanded, showing 'All Brands', 'Streetwear Menu', 'Snow Menu', and 'Accessories Menu'. A context menu is open over the 'Categories' node, with options: Edit, Delete, Move Up, Move Down, Add a Child (which is highlighted with a green box), and Add a Sibling. At the bottom, two pop-up editors are displayed: 'Menu Item Editor' (Name: Chenna RRRS1, Title: Chenna RRRS 1, Entry(S): Chenna RRRS1) and 'CMS Navigation Entry Editor' (Name: Chenna RRRS1, Component: CMSLinkComponent, Value: 69 Slam Link).

## Scenario = Manage the Banners



## Solution =

A screenshot of the SAP SmartEdit interface. The left sidebar shows "SAP SmartEdit" with "Advanced Edit" selected. The main area is titled "Simple Responsive Banner Component Editor". It has tabs for Content, Basic Info, and Visibility. Under Content, there's a "Name" field with "Apparel Homepage Splash Banner Component" and a "Url Link" field with "/Collections/Snow/c/snow". The "Media" section is divided into four responsive views: Widescreen, Desktop, Tablet, and Mobile. Each view shows a preview of the banner and options to "Information", "Replace", or "Remove". A green circle highlights the edit icon (pencil) in the Widescreen preview. Two green arrows point from the top of the slide down to the "Replace" buttons in the Desktop and Mobile preview sections.

## Scenario = Carousel Components [Example = Best Selling Products]

The screenshot shows a web browser window with multiple tabs. The active tab displays a storefront page for 'Apparel Site UK | Homepage'. At the top, there are navigation links for 'SHOP WOMEN', 'SHOP MEN', 'SHOP TEENS', and 'SHOP BRANDS'. Below these, a banner features five products with a green-bordered box labeled 'Best Selling Products' over them. The products are:

- Snowboard/Ski Tool TOKO ERGO MULTI GUIDE YELLOW (Price: £50.96)
- Adapt New Era Blue Print (Price: From £32.36)
- Helmet Women TSG Lotus Graphic Designs WMS (Price: From £67.96)
- Wallet Dakine Agent Leather Wallet Brown (Price: £33.96)
- Shades Quiksilver Dinero Black White Red Grey (Price: £84.96)

## Solution =

The screenshot shows the SAP SmartEdit interface. The top navigation bar includes 'Apparel Site UK | Homepage', 'SmartEdit', and a warning about an 'Unsecure Connection'. The main menu has 'SAP' and 'SmartEdit' branding. The 'Storefront' tab is selected. Below the menu, there's a toolbar with 'Advanced Edit', 'Component', 'Info', and 'Trash' buttons. A blue header bar reads 'Section3Slot-Homepage'. The main content area contains a 'Best Selling Products' section with five items, each with edit and delete icons. The first item's edit icon is circled in green.

The left screenshot shows the "Product Carousel Editor" with a tab for "Content". It has a "Name \*" field containing "Best Selling Products" and a "Title" field also containing "Best Selling Products". Below these are sections for "Products" and "Catalog Version". The "Products" section lists two items: "Snowboard Ski Tool Toko" and "Adapt New Era blue print". A green arrow points from the "Add More" button to the "Select an Option" field in the right screenshot.

The right screenshot shows a "Products" dialog with a "Catalog Version" set to "Online". It lists two products: "Snowboard Ski Tool Toko" and "Airline Bag". A green arrow points from the "Select an Option" field in the left screenshot to this field. A blue "Add" button is visible at the bottom right.

## Results =

The screenshot shows the "Apparel Site UK | Homepage" in a browser. The URL is "localhost:9002/yacceleratorstorefront/en/". The page features a "Best Selling Products" section with four items:

- AIRLINE BAG**: A green Adidas airline bag. A green arrow points to it from the left screenshot.
- SNOWBOARD SKI TOOL TOKO ERGO MULTI GUIDE YELLOW**: A yellow snowboard ski tool.
- ADAPT NEW ERA BLUE PRINT**: A blue baseball cap with orange适应性印字。
- HELMET WOMEN TSG LOTUS GRAPHIC DESIGNS WMS**: A black women's helmet.

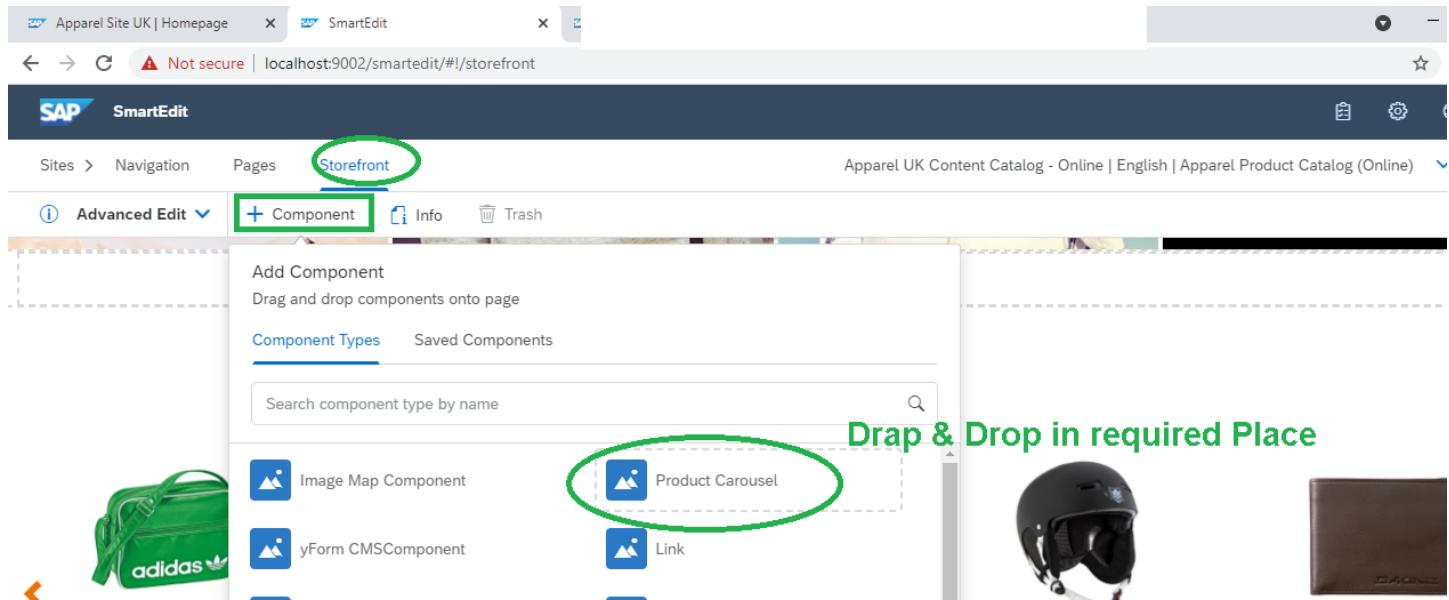
Below each item is its price: "From £40.46", "£50.96", "From £32.36", and "From £67.96".

## What's New

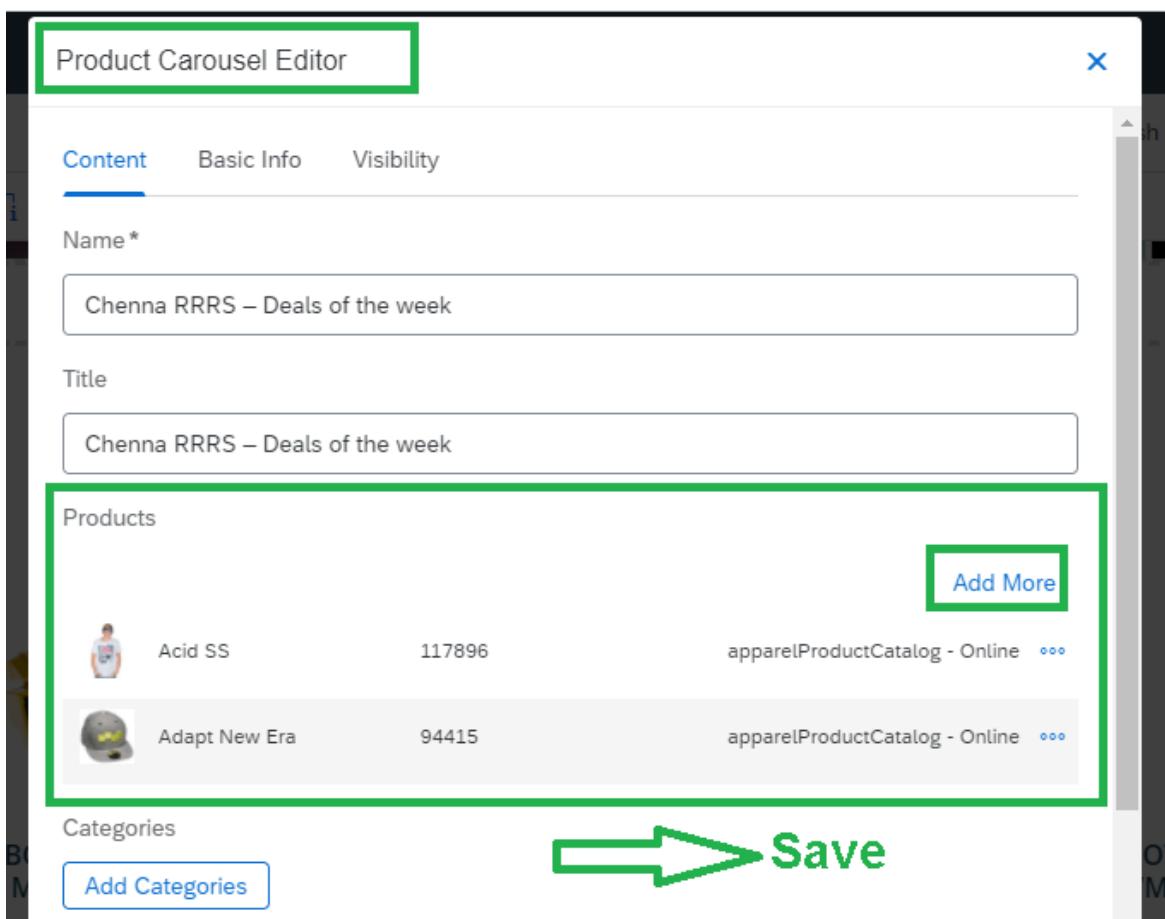
Contact Us = ChennaReddyTraining@RRRS.CO.IN

## Scenario = Create “Chenna RRRS – Deals of the week”

### Step 1 = Drop & Drop the “Product Carousel” component



The screenshot shows the SAP SmartEdit interface. The top navigation bar includes 'Apparel Site UK | Homepage', 'SmartEdit', and a 'Not secure' warning. The main menu has 'Sites', 'Navigation', 'Pages', and 'Storefront' (which is circled in green). Below this is an 'Advanced Edit' dropdown with 'Component' (which is highlighted with a blue box) and 'Info' and 'Trash' options. The main content area is titled 'Add Component' with the sub-instruction 'Drag and drop components onto page'. It shows 'Component Types' and 'Saved Components' tabs, with a search bar. Under 'Component Types', the 'Product Carousel' component is highlighted with a green oval and labeled 'Drag & Drop in required Place'. Other components listed include 'Image Map Component', 'yForm CMSComponent', and 'Link'.



The screenshot shows the 'Product Carousel Editor' dialog box. The 'Content' tab is selected. The 'Name\*' field contains 'Chenna RRRS – Deals of the week'. The 'Title' field also contains 'Chenna RRRS – Deals of the week'. The 'Products' section is highlighted with a green border and contains two items:

Product	SKU	Category
Acid SS	117896	apparelProductCatalog - Online
Adapt New Era	94415	apparelProductCatalog - Online

An 'Add More' button is visible in the 'Products' section. At the bottom, there are 'Categories' and an 'Add Categories' button. A large green arrow points to the 'Save' button at the bottom right.

## Results =

The screenshot shows a web browser window with three tabs: 'Apparel Site UK | Homepage', 'SmartEdit', and 'localhost:9002/yacceleratorstorefront/en/'. The main content area displays a section titled 'Chenna RRRS - Deals of the week'. It features two products: 'ACID SS' (a t-shirt) and 'ADAPT NEW ERA' (a cap). A green checkmark is drawn next to the cap product. Below each product is its price: 'From £28.31' and 'From £32.36' respectively. To the right of the deal section is a 'What's New' section showing five small images of various apparel items.

Note = We can also make a Category of products as “Deals of the week”?

The screenshot shows the SAP SmartEdit interface for a 'Product Carousel Editor' component. The component is titled 'Chenna RRRS - Deals'. The configuration screen includes tabs for 'Content', 'Basic Info', and 'Visibility'. In the 'Content' tab, there is a 'Name\*' field containing 'Chenna RRRS - Deals of the week'. The 'Title' field also contains 'Chenna RRRS - Deals of the week'. Under the 'Products' section, two products are listed: 'Acid SS' and 'Adapt New Era'. A green circle highlights the 'Add Categories' button at the bottom of the 'Categories' section. A green arrow points from this button towards the 'Categories' section on the right, which lists categories like 'apparelProductCatalog - Online'. The right side of the screen shows a preview of the carousel with the same two products displayed.

## Note =

The screenshot shows the SAP SmartEdit interface for editing a responsive banner component. The main title is "Simple Responsive Banner Component Editor". The tab navigation includes "Content" (which is active), "Basic Info", and "Visibility".

**Name:** ApparelUK Homepage Discount Banner Component

**Url Link:** /Collections/Streetwear/c/streetwear

**Media:**

Widescreen	Desktop	Tablet	Mobile
<a href="#">Information</a>	<a href="#">Information</a>	<a href="#">Information</a>	<a href="#">Information</a>
<a href="#">Replace</a>	<a href="#">Replace</a>	<a href="#">Replace</a>	<a href="#">Replace</a>
<a href="#">Remove</a>	<a href="#">Remove</a>	<a href="#">Remove</a>	<a href="#">Remove</a>

**Style Classes:** (List of style classes available for selection)

The screenshot shows the SAP Studio interface with the following details:

- Project Explorer:** Shows various SAP Hybris modules like acceleratorbackoffice, acceleratorcms, etc.
- Current File:** simplesresponsivebannercomponent.jsp
- Code Snippet:** The code includes JSTL tags for iteration and conditionals, and a choice block with an otherwise clause. A cursor is positioned at the end of the otherwise block.
- Open Resource Dialog:** A modal window titled "Open Resource" is open, asking for a resource name prefix or pattern. The input field contains "SimpleResponsiveBannerComponent".
- Matching Items:** A list of matching items is displayed, including:
  - simplesresponsivebannercomponent.jsp - yacceleratorstorefront/web/webroot/WEB-INF/views/responsive
  - SimpleResponsiveBannerComponent.class - acceleratorcms/classes/de/hybris/platform/accelerator
  - SimpleResponsiveBannerComponent.java - acceleratorcms/src/de/hybris/platform/acceleratorcms
  - simplesresponsivebannercomponent.jsp - yb2bacceleratorstorefront/web/webroot/WEB-INF/views/responsive
  - simplesresponsivebannercomponent.jsp.class - platform/tomcat/work/Catalina/localhost/yacceler
  - simplesresponsivebannercomponent.jsp.java - platform/tomcat/work/Catalina/localhost/yacceler
  - SimpleResponsiveBannerComponentController.class - yacceleratorstorefront/web/webroot/WEB-IN
  - SimpleResponsiveBannerComponentController.class - yb2bacceleratorstorefront/web/webroot/WEB
  - SimpleResponsiveBannerComponentController.java - yacceleratorstorefront/web/src/de/hybris/plat
  - SimpleResponsiveBannerComponentController.java - yb2bacceleratorstorefront/web/src/de/hybris/
  - SimpleResponsiveBannerComponentModel.class - platform/bootstrap/model/classes/de/hybris/plat
  - SimpleResponsiveBannerComponentModel.java - platform/bootstrap/gensrc/de/hybris/platform/a
- Bottom Navigation:** Shows tabs for Console, Problems, and Servers.

Contact Us = ChennaReddyTraining@RRRS.CO.IN

SAP SmartEdit

Apparel Site UK | Homepage | SmartEdit | Not secure | localhost:9002/smarteredit/#!/storefront

**Product Carousel Editor**

**Content** Basic Info Visibility

Name \* Chenna RRRS – Deals of the week

Title Chenna RRRS – Deals of the week

Products

Add More

	Acid SS	117896	apparelProductCatalog - Online	...
	Adapt New Era	94415	apparelProductCatalog - Online	...

Categories

Add More

686	686	apparelProductCatalog - Online	...
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ChennaRRRS - yacceleratorstorefront/web/webroot/WEB-INF/views/responsive/cms/productcarousel.jsp

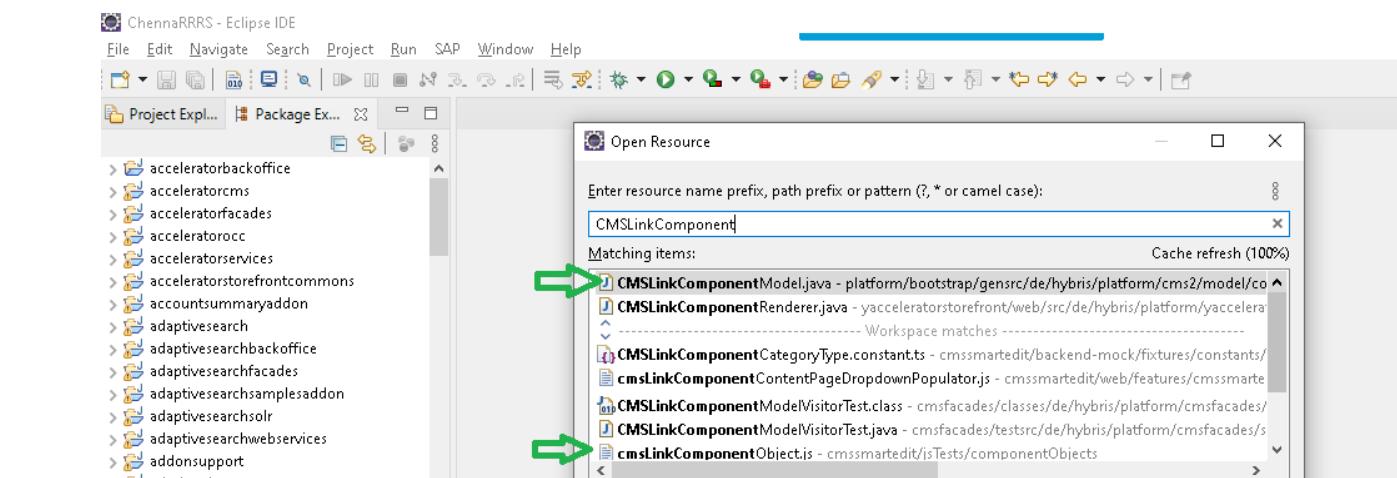
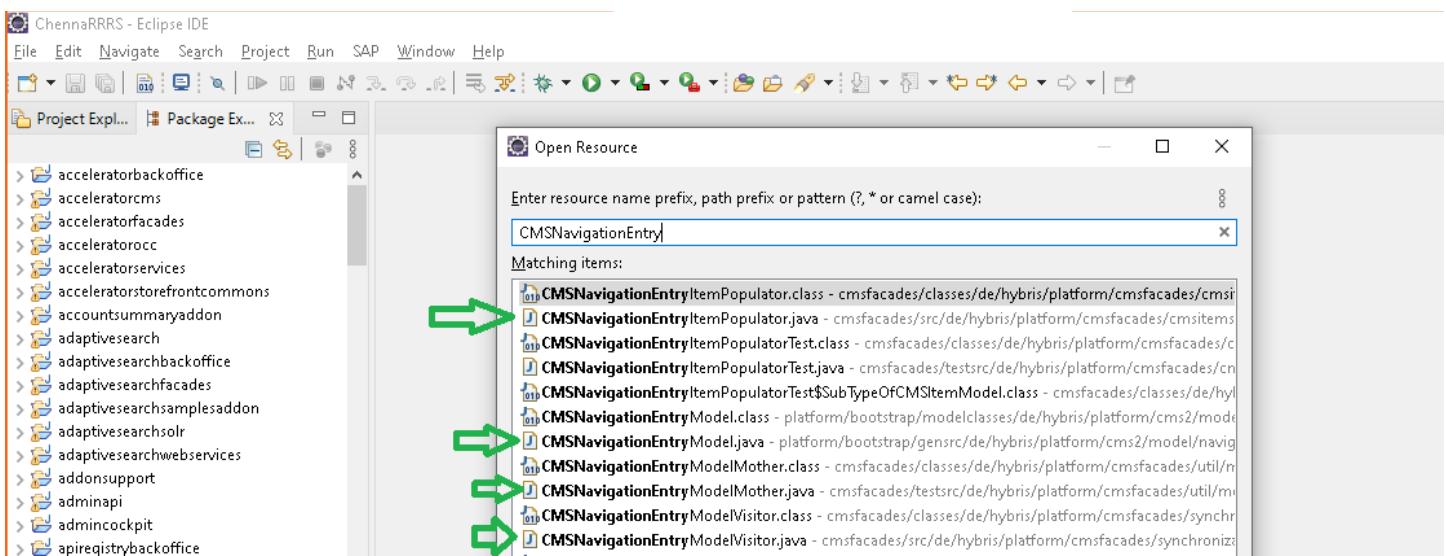
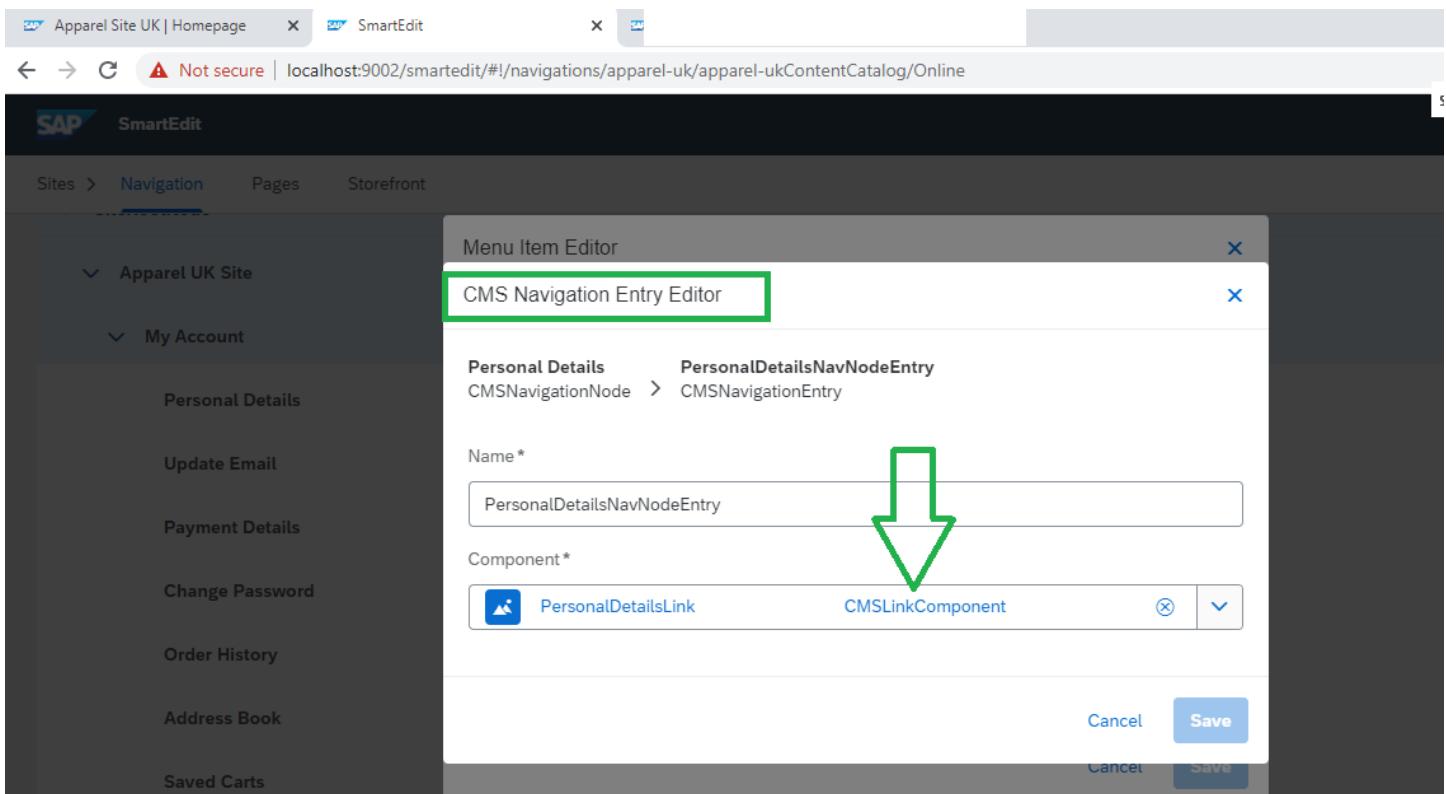
File Edit Source Refactor Navigate Search Project Run SAP Window Help

Project Expl... Package Expl... productcarouselcomponent.jsp

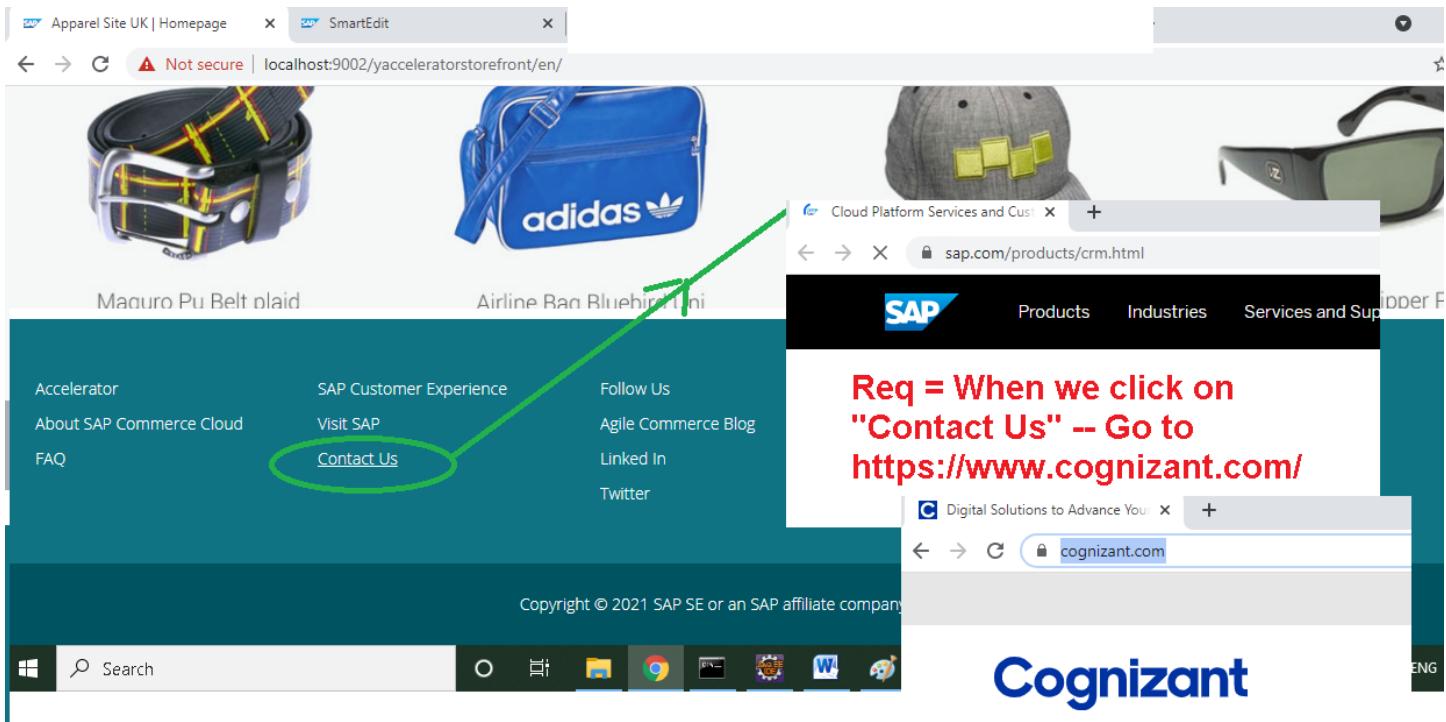
Enter resource name prefix, path prefix or pattern (? \*, \* or camel case): productcarouselcomponent

Matching items:

- ProductCarouselComponentController.java - yacceleratorstorefront/web/src/de/hybris/platform/...
- ProductCarouselComponentController.java - yb2bacceleratorstorefront/web/src/de/hybris/plat...
- ProductCarouselComponentControllerTest.class - yacceleratorstorefront/web/testclasses/de/hyb...
- ProductCarouselComponentControllerTest.class - yb2bacceleratorstorefront/web/testclasses/de/h...
- ProductCarouselComponentControllerTest.java - yacceleratorstorefront/web/testsrc/de/hybris/pl...
- ProductCarouselComponentControllerTest\$OptionsMatcher.class - yacceleratorstorefront/web/te...
- ProductCarouselComponentControllerTest\$OptionsMatcher.class - yb2bacceleratorstorefront/web/...
- ProductCarouselComponentModel.class - platform/bootstrap/modelclasses/de/hybris/platform/...
- ProductCarouselComponentModel.java - platform/bootstrap/gensrc/de/hybris/platform/cms2lib...
- ProductCarouselComponentModelToDataPopulator.class - cmsfacades/classes/de/hybris/platform/...
- ProductCarouselComponentModelToDataPopulator.java - cmsfacades/src/de/hybris/platform/cm...
- ProductCarouselComponentModelToDataPopulatorTest.class - cmsfacades/classes/de/hybris/plat...
- ProductCarouselComponentModelToDataPopulatorTest.java - cmsfacades/testsrc/de/hybris/plat...



## Scenario = Footer Changes



## Solution =

The screenshot shows the SAP SmartEdit interface for navigation management. The top bar indicates the user is editing the 'Apparel Site UK | Homepage'. The navigation tree on the left shows the 'SiteRootNode' with children: 'Apparel UK Site', 'Footer Pages', 'Follow Us Pages', and 'Pages'. The 'Footer Pages' node is expanded, showing 'SAP Commerce Cloud Pages' and 'SAP Customer Experience Pages'. The 'SAP Customer Experience Pages' node is also expanded, showing 'About SAP Customer Experience Page' and 'Contact Us Page'. A context menu is open over the 'Contact Us Page', with the 'Edit' option highlighted by a green box. A green circle highlights the '...' button at the bottom right of the menu.

Contact Us = ChennaReddyTraining@RRRS.CO.IN

## Code =

```

1466 # entries of the above navigation nodes
1467 INSERT_UPDATE CMSNavigationEntry;uid[unique=true];$contentCV[unique=true];name;navigation=
1468 ;AboutSAPCustomerExperienceNavNodeEntry;;About SAP Customer Experience Navigation Node Ent
1469 ;ContactUsNavNodeEntry;;Contact Us Navigation Node Entry;ContactUsNavNode;ContactUsLink;
1470 # links of the above navigation entries
1471 INSERT_UPDATE CMSLinkComponent;$contentCV[unique=true];uid[unique=true];name;url;category(
1472 ;;VisitSAPLink;Visit SAP;http://www.cx.sap.com/;;newWindow;;
1473 ;;ContactUsLink;Contact Us Link;http://www.cx.sap.com/contact;;newWindow;;
1474
1475 ## level 5 -- Agile Commerce Blog, LinkedIn, Facebook, Twitter: children of FollowUsNav
1476 INSERT_UPDATE CMSNavigationEntry;uid[unique=true];$contentCV[unique=true];name;parent(uid,
1477 ;AgileCommerceBlogNavNode;;Agile Commerce Blog Page;FollowUsNavNode;;AgileCommerceBlogNav
1478 ;LinkedInNavNode;;LinkedIn Page;FollowUsNavNode;;LinkedInNavNode
1479 ;FacebookNavNode;;Facebook Page;FollowUsNavNode;;FacebookNavNode
1480 ;TwitterNavNode;;Twitter Page;FollowUsNavNode;;TwitterNavNode
1481 # entries of the above navigation nodes
1482 INSERT_UPDATE CMSNavigationEntry;uid[unique=true];$contentCV[unique=true];name;navigation=
1483 ;AgileCommerceBlogNavNodeEntry;;Agile Commerce Blog Navigation Node Entry;AgileCommerceBl
1484 ;LinkedInNavNodeEntry;;LinkedIn Navigation Node Entry;LinkedInNavNode;LinkedInLink;
1485 ;FacebookNavNodeEntry;;Facebook Navigation Node Entry;FacebookNavNode;FacebookLink;
1486 ;TwitterNavNodeEntry;;Twitter Navigation Node Entry;TwitterNavNode;TwitterLink;
1487 # links of the above navigation entries

```

# Scenario = Do changes in Pages?

## Example =

A screenshot of a web browser showing an apparel website. The URL is 'localhost:9002/yacceleratorstorefront/en/cart'. The page features a top navigation bar with 'IBM' logo, search bar, and account links ('WELCOME CHENNAI', 'MY ACCOUNT', 'SIGN OUT'). Below the navigation is a menu bar with 'BRANDS', 'STREETWEAR', 'SNOW', 'ACCESSORIES', 'YOUTH', and '69 SLAM'. A promotional banner at the top states 'Today is Thanks Giving Day. If you buy >1000\$ ... You will get 15% Discount.' A purple arrow labeled 'Req' points from the text 'Req' in the question to this banner. At the bottom, there are 'CONTINUE SHOPPING' and 'CHECK OUT' buttons, and a 'NEW CART' link.

## Solution =

A screenshot of SAP SmartEdit interface showing the 'Pages' section. The URL is 'localhost:9002/smarteedit/#!/pages/apparel-uk/apparel-ukContentCatalog/Online'. The top navigation bar includes 'SAP SmartEdit', 'Sites', 'Navigation', and 'Storefront'. A green circle highlights the 'Pages' tab. Below, a table lists four pages:

Page Name	Page ID	Page Type	Page Template
Cart Page	cartPage	ContentPage	CartPageTemplate
Import CSV as Saved Cart Page	importCSVSavedCartPage	ContentPage	QuickOrderPageTemplate
Saved Cart Details Page	savedCartDetailsPage	ContentPage	AccountPageTemplate
Saved Carts Page	saved-carts	ContentPage	AccountPageTemplate

Your Shopping Bag | Apparel Site x SmartEdit x

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

SAP SmartEdit

Sites > Navigation Pages Storefront Advanced Edit + Component Info Trash

Add Component  
Drag and drop components onto page

Component Types Saved Components

Search component type by name

WELCOME C

IBM

I'm looking for

BRANDS STREETWEAR

HOME / BAG

Drag & Drop

CMS Flex Component Rotating Images Component

SAP Context-Driven Merchandisi... Mini Cart Component

Paragraph Footer Navigation Component

SearchBox Component Category Navigation Component



Your Shopping Bag | Apparel Site x SmartEdit x

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

SAP SmartEdit

Sites > Navigation Pages Storefront Advanced Edit + Component

Paragraph Editor

Content Basic Info Visibility

Name\* Chenna RRRS 2

Content\* Today is Thanks Giving Day. If you buy <1000\$. You will get 15% Discount.

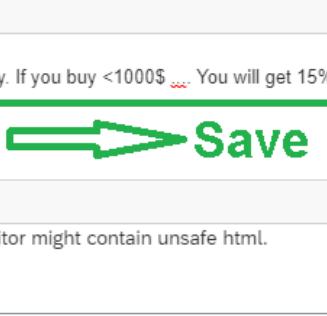
Format Font Size A Source

Save

body

I acknowledge that the editor might contain unsafe html.

Style Classes



## Results =

Your Shopping Bag | Apparel Site SmartEdit Not secure | localhost:9002/yacceleratorstorefront/en/cart

IBM

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH 69 SLAM

HOME / BAG

Today is Thanks Giving Day. If you buy <1000\$ .... You will get 15% Discount.

ChennaRRRS - yacceleratorstorefront/web/webroot/WEB-INF/views/responsive/cms/cmstabparagi

File Edit Source Refactor Navigate Search Project Run SAP Window Help

Project Expl... Package Ex... cmstabparagraphcomponent.jsp

acceleratorbackoffice acceleratorcms acceleratorfacades acceleratororc acceleratorservices acceleratorstorefrontcommons accountsummaryaddon adaptivesearch adaptivesearchbackoffice adaptivesearchfacades adaptivesearchsamplesaddon adaptivesearchsolr adaptivesearchwebservices addonsupport adminapi admincockpit apiregistrybackoffice apiregisterservices apparelstore assistedservicecustomerinterestsaddon assistedservicecustomerinterestsfacades assistedservicefacades assistedservicepromotionaddon

Open Resource

Enter resource name prefix, path prefix or pattern (?,\* or camel case): \*paragraph\*component

Matching items:

- CMSParagraphComponentModel.class - platform/bootstrap/modelclasses/de/hybris/platform/cn
- CMSParagraphComponentModel.java - platform/bootstrap/gensrc/de/hybris/platform/cms2/mo
- CMSParagraphComponentRenderer.class - acceleratorcms/classes/de/hybris/platform/accelerato
- CMSParagraphComponentRenderer.java - acceleratorcms/src/de/hybris/platform/acceleratorcms
- cmstabparagraphcomponent.jsp - yb2bacceleratorstorefront/web/webroot/WEB-INF/views/repo
- CMSTabParagraphComponent.class - acceleratorcms/classes/de/hybris/platform/acceleratorcms/
- CMSTabParagraphComponent.java - acceleratorcms/src/de/hybris/platform/acceleratorcms/jalo/
- cmstabparagraphcomponent\_jsp.class - platform/tomcat/work/Catalina/localhost/yacceleratorst
- cmstabparagraphcomponent\_jsp.java - platform/tomcat/work/Catalina/localhost/yacceleratorstorefront
- CMSTabParagraphComponentModel.class - platform/bootstrap/modelclasses/de/hybris/platform
- CMSTabParagraphComponentModel.java - platform/bootstrap/gensrc/de/hybris/platform/accele
- contentElement\_CMSParagraphComponent.xml - cmscockpit/resources/cmscockpit-config/cock

# Scenario = SEO [Search Engine Optimization]

Q = Why SEO is important for the companies?

93% -- Customers generally do the Google for the Products.

google.com/search?q=samsung+tv+55+inches+price&source=hp&ei=GnOsYJnxNcOe4-EPnqq18Ag&iflsig=AINFOCbYAAAAAYKyBKIMXL1L7nFYTKjbQ\_o8UYFOdrGj3&oq=sa...

samsung tv 55 inches price

All Shopping Images Videos New

About 5,44,00,000 results (0.93 seconds)

Samsung 138 cm (55 inch...) ₹62,990 Reliance Di... Samsung 138 cm (55... ₹52,980 TataCLiQ.com Samsung QA55Q60T... ₹87,490 Vijay Sales

TATA CLiQ Luxury Categories Brands

TataCLiQ.com/samsung-138-cm-55-inches-smart-4k-ultra-hd-led-tv-aue60-crystal-ua55aue60aklxl

Home > Electronics > TV > 4k Ultra HD TV > Samsung

Samsung 138 cm (55 Inch LED TV AUE60 Crystal UA! Model, Black)

Q1 = How Google able to display "Product Page Links"?  
Q2 = How Google able to display "Category Page Links"?

https://www.google.com/search?ei=eEY-XcDdH8OgtQWRhqnIDw&q=sam...

samsung 55 inch tv

55 in TVs | Costco - Costco Wholesale https://www.costco.com/55-inch-tvs-through-59-inch-tvs.html Samsung 55" Class (54.6" Diag.) 4K UHD LED LCD TV. Sign In For Price. 7/28/19. Samsung 55" Class (54.6" Diag.) 4K UHD LED ... Samsung · Samsung 55" Class (54.6 ... · 55 in. 55 in TVs · LG 55 in TVs

Filter Results Clear All

Category Select a Different Category

Electronics TVs 55 in TVs

Q: How google knows Costco Category page URL.

https://www.google.com/search?ei=eEY-XcDdH8OgtQWRhqnIDw&q=sam...

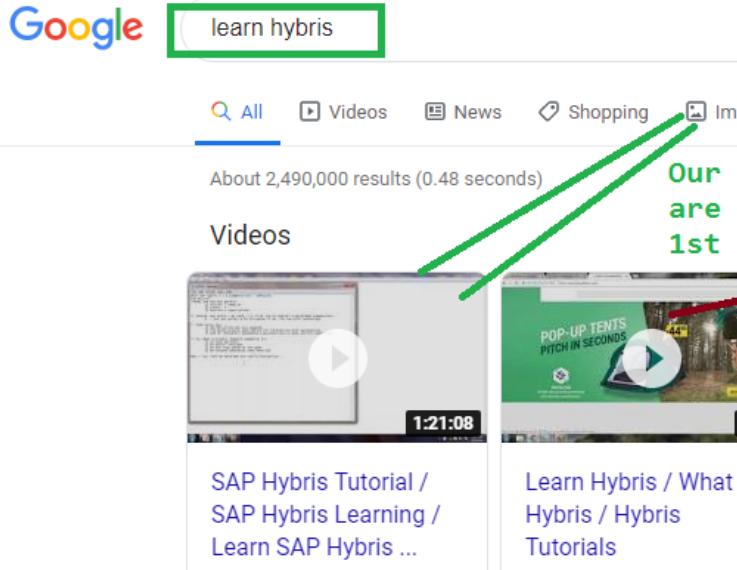
samsung 55 inch tv

UHD 4K Smart TV RU7100 55" - Specs & Price | https://www.samsung.com/.../Televisions/Home-Theater/Tvs ★★★★★ Rating: 4.6 - 505 reviews - \$83.33 to \$499.99 - In stock Discover the latest features and innovations available in the 55 inch TV (2019). Find the perfect TVs for you!

Q: How google knows Samsung Product Detail Page URL?

learn hybris - Google Search +

← → C https://www.google.com/search?source=hp&ei=Wks-XdrJloqgtQXklp



Our Tutorials  
are coming  
1st

Q: How google can bring these into 1st?

=> It will consider lots of parameters

- 1) How many people viewed
- 2) How many Comments
- 3) How content is useful
- 4) How much time people spending
- 5) Meta data / tags ...
- 6) =====

**Q =** What are the different elements (or) Jargons SEO (or) Google Crawlers expects in our site?

- 1) Title
- 2) Description
- 3) Keywords
- 4) Canonical Tags
- 5) Meta Tag
- 6) OG Tags
- 7) Sitemaps
- 8) Robots.txt
- 9) URL Structure
- 10) Avoid duplicate content
- 11) Allow ... Disallow
- 12) =====

## Scenario = Robots.txt

1) Allow ... Disallow ... = Block (or) Allow Access to pages

2) Sitemap.xml = Contains

a. Product Page URL's

b. Category Page URL's

c. =====

```
# For all robots
User-agent: *

# Block access to specific groups of pages
Disallow: /acceleratorstorefront/en/cart
Disallow: /acceleratorstorefront/en/checkout
Disallow: /acceleratorstorefront/en/my-account

Request-rate: 1/10          # maximum rate is one page every 10 seconds
Crawl-delay: 10             # 10 seconds between page requests
Visit-time: 0400-0845       # only visit between 04:00 and 08:45 UTC

# Allow search crawlers to discover the sitemap
Sitemap: /acceleratorstorefront/en/sitemap.xml

# Block CazoodleBot as it does not present correct accept content headers
User-agent: CazoodleBot
Disallow: /

# Block MJ12bot as it is just noise
User-agent: MJ12bot
Disallow: /
```

```
# For all robots
User-agent: *

# Block access to specific groups of pages
Disallow: /cart
Disallow: /checkout
Disallow: /my-account
Disallow: /profile
Disallow: /search?q=
Disallow: /wishlist
Disallow: /solutionbox/comments/feed/
Disallow: /solutionbox/?s=
Disallow: /solutionbox/tag/
Disallow: /solutionbox/author/
Disallow: /spotlight.html
Disallow: /newsmedia.html

Request-rate: 1/10          # maximum rate is one page every 10 seconds
Crawl-delay: 10             # 10 seconds between page requests
Visit-time: 0400-0845       # only visit between 04:00 and 08:45 UTC

# Allow search crawlers to discover the sitemap
Sitemap: https://www.reliancedigital.in/sitemap.xml
```

```
12
13④ import de.hybris.platform.acceleratorstorefrontcommons.controllers.AbstractController;
21
22④ /**
23 * Controller for web robots instructions
24 */
25 @Controller
26 public class RobotsController extends AbstractController
27 {
28     // Number of seconds in one day
29     private static final String ONE_DAY = String.valueOf(60 * 60 * 24);
30
31④     @RequestMapping(value = "/robots.txt", method = RequestMethod.GET)
32     public String getRobots(final HttpServletResponse response)
33     {
34         // Add cache control header to cache response for a day
35         response.setHeader("Cache-Control", "public, max-age=" + ONE_DAY);
36
37         return ControllerConstants.Views.Pages.Misc.MiscRobotsPage;
38     }
39 }
```

## Scenario = Sitemap.mxl

Note: - Sitemap.xml should give URL's for "Category pages & Product Pages".  
But It's not giving anything now... Why?  
==> For Sitemap purpose, we have one Cronjob.  
We need to run this, So that it will generate the URL's

```
<?xml version="1.0" encoding="UTF-8"?>
<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
</sitemapindex>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-Homepage-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzAzfHRLeHQveGisfHNpdGvtYXAvOTU1NzYxNDQyODE5MC54bwX8NzZiZWRindf1jMyMNEw&
        </sitemap>
        <sitemap>
            <loc>https://www.reliancedigital.in/medias/rrldigital-Product-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzC5NDkyMx0ZXh0L3htbHxaXRlbWfwLzk1NTc2MTQ3ODg2MzgueGisfGU0MTVhNzdmMlwEyl
        </sitemap>
        <sitemap>
            <loc>https://www.reliancedigital.in/medias/rrldigital-Category-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzTg0fHRleHQveGisfHNpdGvtYXAvOTU1NzYxNDgyMTQwN154bwX8ZTg4NDZhZDlloT10P
        </sitemap>
        <sitemap>
            <loc>https://www.reliancedigital.in/medias/rrldigital-Navigation-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzQ0NTR8dGV4dC94bwX8c2l0ZWhcC85NTU3NjE00DU0fHtc0LnhtbHxhNDEzYvYzNzExOGY1
        </sitemap>
        <sitemap>
            <loc>https://www.reliancedigital.in/medias/rrldigital-BRANDS-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzQ4MDN8dGV4dC94bwX8c2l0ZWhcC85NTU3NjE00Dg20TQyLnhbtHxhNThjNjU0Yzk3YjZl
        </sitemap>
        <sitemap>
            <loc>https://www.reliancedigital.in/medias/rrldigital-STORES-en-INR?
context=bWFzdGVyfHNpdGvtXB8MzY2fHRLeHQveGisfHNpdGvtYXAvOTU1NzYxNDkxOTcxMC54bwX8NWQ2N1YTg50WlwMTRL
        </sitemap>
    </sitemapindex>
```

Note: - Sitemap.xml should give URL's for "Category pages & Product Pages".  
But It's not giving anything now... Why?  
==> For Sitemap purpose, we have one Cronjob.  
We need to run this, So that it will generate the URL's

```
<?xml version="1.0" encoding="UTF-8"?>
<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
</sitemapindex>
```

## Before we run the CronJob =

Price Settings  
Internationalization  
Marketing  
WCMS  
Website  
Page Type  
Page Template

Apparel Site UK

PROPERTIES WCMS PROPERTIES PERSONALIZATION ADMINISTRATION

SITE MAP CONFIGURATIONS

Nothing

Site Maps Site Map Configuration

SiteMapConfig[8796093061200]

## Q = How to run the Cronjob manually?

Code	Job definition	Current status	Last result	Timetable
apparel-de-SiteMapMediaJob	siteMapMediajob	NEW	N/A	Interval gap: 6 hours
apparel-uk-SiteMapMediaJob	siteMapMediajob	RUNNING	N/A	Interval gap: 6 hours
electronics-SiteMapMediaJob	siteMapMediajob	NEW	N/A	Interval gap: 6 hours

siteMapMediaJob : apparel-uk-SiteMapMediaJob - UNKNOWN - UNKNOWN

**LOG** **TASK** **RUN AS** **TIME SCHEDULE** **SYSTEM RECOVERY** **GENERAL** **ADMINISTRATION**

Code	Current status	Job definition	Last result
apparel-uk-SiteMapMediaJob	RUNNING	siteMapMediajob	N/A
Timetable	Last start time	Enabled	Last end time
Interval gap: 6 hours	Jul 28, 2019 10:06:18 PM	<input checked="" type="radio"/> True <input type="radio"/> False	

**Note** = SiteMapMediaJob generates the URL's based on current website "Products ... Categories ...".

## Results - After we run the CronJob =

ID	Name	Active	Content Catalogs
apparel-uk	Apparel Site UK	true	Apparel UK Content Catalog

Apparel Site UK

**PROPERTIES** **WCMS COCKPIT PROPERTIES** **PERSONALIZATION** **ADMINISTRATION**

Site Maps Site Map Configuration

Homepage-en-GBP-41715...	SiteMapConfig[8796093126736]
Product-en-GBP-6261239...	
CategoryLanding-en-GBP-...	
Category-en-GBP-4236583...	

After Running Cronjob

```

https://localhost:9002/yaccelerat... https://www.reliancedigital.in/sit...
localhost:9002/yacceleratorstorefront/en/sitemap.xml OOTB
<?xml version="1.0" encoding="UTF-8"?>
<sitemapsindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/Homepage-en</loc>
        <context>bWFzdGVyfHJvb3R8MzI3fhRleHQveG1sfGg3Hy0nZAv0Dc50DkxMTQzMv4Ni54bwX8YzZlY2Y3YzMx0DQyfTdmfNG</context>
    </sitemap>
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/Product-en</loc>
        <context>bWFzdGVyfHJvb3R8MzUxMzMxfHrleHQveG1sfGhjYy9oNWe0Dc50DkxMTQ5Nj1yM154bwX8NmI3YzQ5fMjY2UwNj</context>
    </sitemap>
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/CategoryList-en</loc>
        <context>bWFzdGVyfHJvb3R8MzQ0Xx0Zkh0L3htbHxoNDQvaD1xLzg30Tg5MTE1NjE3NTgueG1sfGkRMGI1NjK3YjB1TYwND</context>
    </sitemap>
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/Category-en</loc>
        <context>bWFzdGVyfHJvb3R8MzQ0TQvNtV8dgV4dC94bwX8dc5L2gM184Nzk40TEXnj13Mjk0LnhtbhWYhVJndU0YmQzJjhHgI</context>
    </sitemap>
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/Store-en-GR</loc>
        <context>bWFzdGVyfHJvb3R8MzTISNjV8dgV4dC94bwX8aDRil2hInS84Nzk40TEXnjkyODflLnhtbhW00F1zLwQ2ZmV1YTyXZG</context>
    </sitemap>
    <sitemap>
        <loc>http://apparel-uk.local:9001/yacceleratorstorefront/medias/Content-en</loc>
        <context>bWFzdGVyfHJvb3R80DM1fHrleHQveG1sfGgzMS9oZDQv0Dc50DkxMTc10DM2N154bwX8ZDzYjhhMM1NTcwOTA4ZT</context>
    </sitemap>
</sitemapsindex>

https://localhost:9002/yaccelerat... https://www.reliancedigital.in/sit...
reliancedigital.in/sitemap.xml Reliance
<?xml version="1.0" encoding="UTF-8"?>
<sitemapsindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-Homepage-en</loc>
        <context>bWFzdGVyfHNpdgMzAfHrleHQveG1sfHnpdGvtYXAvOTU1NzYxNDQyODE5MC54bwX8NzZiWRIND</context>
    </sitemap>
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-Product-en-1</loc>
        <context>bWFzdGVyfHNpdgVtYXB8Mz5NDkyMXx0Zkh0L3htbHxzaXRlbWFwLzk1NTc2MTQ30Dg2IzgueG1sfGU0MT</context>
    </sitemap>
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-Category-en</loc>
        <context>bWFzdGVyfHNpdgVtYXB8MzNTg0fHrleHQveG1sfHnpdGvtYXAvOTU1NzYxNDgjfQm1154bwX8z1g4ND</context>
    </sitemap>
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-Navigation-e</loc>
        <context>bWFzdGVyfHNpdgVtYXB8MzQ0NTR8dgV4dc94bwX8c210ZwhcC85NTU3NjE00DU0fTc0LnhbKhNDEzYk</context>
    </sitemap>
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-BRANDS-en-IN</loc>
        <context>bWFzdGVyfHNpdgVtYXB8MzQ4fD1N8dgV4dC94bwX8c210ZwhcC85NTU3NjE00Dg20TQyLnhtbhXhMThjNj</context>
    </sitemap>
    <sitemap>
        <loc>https://www.reliancedigital.in/medias/rrldigital-STORES-en-IN</loc>
        <context>bWFzdGVyfHNpdgVtYXB8MzY2fHrleHQveG1sfHnpdGvtYXAvOTU1NzYxNDkxOTcxMC54bwX8NlQ2N1N1YT</context>
    </sitemap>
</sitemapsindex>

```

```

ChennaRRRS - yacceleratorstorefront/web/src/de/hybris/platform/yacceleratorstorefront/controllers/
File Edit Source Refactor Navigate Search Project Run SAP Window Help
Project Expl... Package Expl... SiteMapController.java
2④ * Copyright (c) 2019 SAP SE or an SAP affiliate company. All rights reserved.
4 package de.hybris.platform.yacceleratorstorefront.controllers.misc;
5
6④ import de.hybris.platform.acceleratorservices.urlresolver.SiteBaseUrlResolutionService;
24
25
26 @Controller
27 public class SiteMapController extends AbstractController
28 {
29     @Resource(name = "cmsSiteService")
30     private CMSSiteService cmsSiteService;
31
32     @Resource(name = "siteBaseUrlResolutionService")
33     private SiteBaseUrlResolutionService siteBaseUrlResolutionService;
34
35     @RequestMapping(value = "/sitemap.xml", method = RequestMethod.GET, produces = "application/xml")
36     public String getSiteMapXml(@final Model model, final HttpServletResponse response)
37     {
38         final CMSSiteModel currentSite = cmsSiteService.getCurrentSite();
39
40         final String mediaUrlForSite = siteBaseUrlResolutionService.getMediaUrlForSite(currentSite, false, "");
41

```

## Product Page URL's =

```

https://localhost:9002/yaccelerat... https://www.reliancedigital.in/me...
localhost:9002/yacceleratorstorefront/medias/Product-en-GBP-11205104349238494131.xml?context=bWFzdGVyfHJvb3R8MzUxMzMxfHrleHQveG1sfGhjYy9o...
<changefreq>weekly</changefreq>
<priority>0.6</priority>
</url>
<url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/Brands/Toko/Snowboard-Ski-Tool-Toko-Skib%C3%BCrste-Kombi-Nylon-Kupfer/p/45576</loc>
    <image:image>
        <image:loc>http://apparel-uk.local:9001/medias/</image:loc>
        <context>bWFzdGVyfGltYwdlc3w5M</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>
<url>
    <loc>http://apparel-uk.local:9001/medias/</loc>
    <image:image>
        <image:loc>http://apparel-uk.local:9001/medias/</image:loc>
        <context>bWFzdGVyfGltYwdlc3w5M</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>
<url>
    <loc>http://apparel-uk.local:9001/medias/</loc>
    <image:image>
        <image:loc>http://apparel-uk.local:9001/medias/</image:loc>
        <context>bWFzdGVyfGltYwdlc3w5M</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>
<url>
    <loc>http://apparel-uk.local:9001/medias/</loc>
    <image:image>
        <image:loc>http://apparel-uk.local:9001/medias/</image:loc>
        <context>bWFzdGVyfGltYwdlc3w5M</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>
<url>
    <loc>https://www.reliancedigital.in/targus-amu575ap-optical-mouse/p/491277013</loc>
    <image:image>
        <image:loc>https://www.reliancedigital.in/medias/testing-2?</image:loc>
        <context>bWFzdGVyfGltYwdlc3w20TE5N3pbwFnZs9wbdm8al1hZ2VzL2g0N9i0NDgv0DgNTY4NzE2NDk10C5wbdm8MzIwYTQzMGE2Yjkk00DEwMTQyYmQ1YmU2NjN</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>
<url>
    <loc>https://www.reliancedigital.in/targus-amw571ap-optical-mouse/p/491183569</loc>
    <image:image>
        <image:loc>https://www.reliancedigital.in/medias/testing-2?</image:loc>
        <context>bWFzdGVyfGltYwdlc3w20TE5N3pbwFnZs9wbdm8al1hZ2VzL2g0N9i0NDgv0DgNTY4NzE2NDk10C5wbdm8MzIwYTQzMGE2Yjkk00DEwMTQyYmQ1YmU2NjN</context>
    </image:image>
    <changefreq>weekly</changefreq>
    <priority>0.6</priority>
</url>

```

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# Category Page URL's =

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9" xmlns:image="http://www.google.com/schemas/sitemap-image/1.1">
  <url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/Collections/Surf/c/surf</loc>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/Categories/Clothes/Shirts/c/shirts</loc>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/categories/daily</loc>
    <changefreq>daily</changefreq>
    <priority>0.9</priority>
  </url>
  <url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/categories/air-care/c/101011</loc>
    <changefreq>daily</changefreq>
    <priority>0.8</priority>
  </url>
  <url>
    <loc>https://www.reliancedigital.in/air-care/c/101022</loc>
    <changefreq>daily</changefreq>
  </url>
</urlset>
```

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9" xmlns:image="http://www.google.com/schemas/sitemap-image/1.1">
  <url>
    <loc>https://www.reliancedigital.in/air-care/c/101011</loc>
    <changefreq>daily</changefreq>
    <priority>0.8</priority>
  </url>
  <url>
    <loc>https://www.reliancedigital.in/covers-for-appliances/c/101022</loc>
    <changefreq>daily</changefreq>
  </url>
</urlset>
```

## Flow =

Step 1

```
# For all robots
User-agent: *

# Block access to specific groups of pages
Disallow: /rrrstrainingstorefront/en/cart
Disallow: /rrrstrainingstorefront/en/checkout
Disallow: /rrrstrainingstorefront/en/my-account

Request-rate: 1/10          # maximum rate is one page every 10 seconds
Crawl-delay: 10             # 10 seconds between page requests
Visit-time: 0400-0845       # only visit between 04:00 and 08:45 UTC

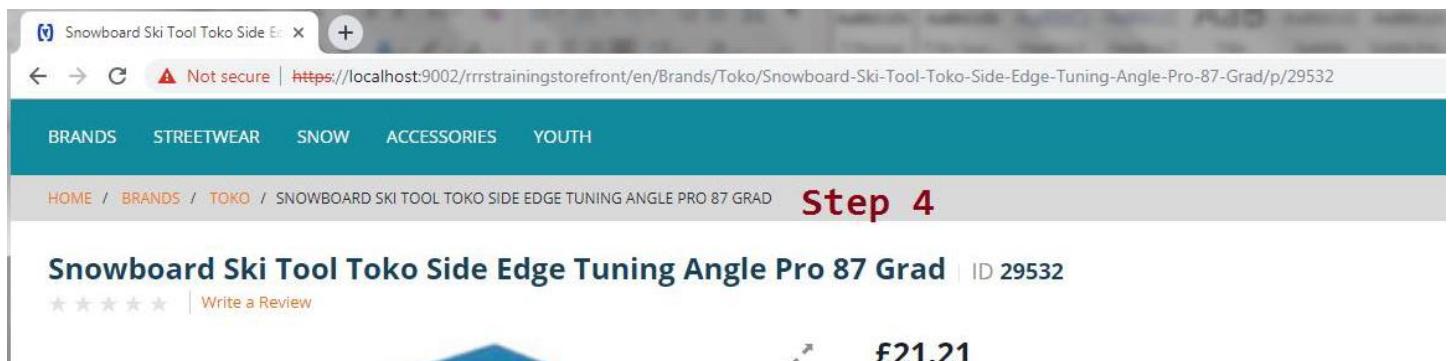
# Allow search crawlers to discover the sitemap
Sitemap: /rrrstrainingstorefront/en/sitemap.xml
```

Step 2

```
<?xml version="1.0" encoding="UTF-8"?>
<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <sitemap>
    <loc>http://apparel-uk.local:9001/rrrstrainingstorefront/medias/Homepage-econtext=blWFzdGVyfHJvb3R8NjU2MDYwfrHrlhQveG1sfGg10S9nJEvODc5NzY2NjY3MjY3MC54blix8NmRjMGFrNDBjNzBjOC</loc>
  </sitemap>
  <sitemap>
    <loc>http://apparel-uk.local:9001/rrrstrainingstorefront/medias/Product-encontext=blWFzdGVyfHJvb3R8NjU2MDYwfrHrlhQveG1sfGg10S9nJEvODc5NzY2NjY3MjY3MC54blix8NmRjMGFrNDBjNzBjOC</loc>
  </sitemap>
```

Step 3

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9" xmlns:image="http://www.google.com/schemas/sitemap-image/1.1">
  <url>
    <loc>http://apparel-uk.local:9001/yacceleratorstorefront/en/Brands/Toko/Snowboard-Ski-Tool-Toko-Side-Edge-Tuning-Angle-Pro-87-Grad/p/29532</loc>
    <image:image>
      <image:loc>
        http://apparel-uk.local:9001/medias/
        context=blWFzdGvGltYWdlc3w0Mj5fGltYWdlL2pwZwd8aW1hZ2VzL2gzC9oNzUvODc5Njg3MTMyNzc3NC5qcGd8YjE0YzQ0NmI4NDAwODUwOTkwNTdjOTU0MwM1MDY5MGZ1z</image:loc>
      </image:image>
    </url>
</urlset>
```



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**Note** = A eCom site can have millions of Products.

Each product will have Product page URL. That's means, you should be having millions of Product page URL's.

**Q** = Can I put all millions of product page URL's in same “**sitemap.xml**”?.

Generally – We can keep ~50K URL's in 1 sitemap.xml

That means, we can also have multiple sitemap.xml.

## Example = ocm.com

The image shows two browser windows side-by-side. The left window displays the content of <https://www.ocm.com/robots.txt>, which contains standard robots.txt rules. The right window displays the content of [https://www.ocm.com/sitemap\\_index.xml](https://www.ocm.com/sitemap_index.xml), which lists three separate sitemap URLs: <https://www.ocm.com/sitemap1.xml>, <https://www.ocm.com/sitemap2.xml>, and <https://www.ocm.com/sitemap3.xml>. Below these windows, the XML code for each is shown:

```
# For all robots
User-agent: *
Allow: /
# Block access to specific groups of pages
Disallow: /cart
Disallow: /checkout
Disallow: /search*
# Allow search crawlers to discover the sitemap
Sitemap: https://www.ocm.com/sitemap_index.xml
```

```
<sitemapindex xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://www.ocm.com/sitemap1.xml</loc>
    <lastmod>2019-07-28</lastmod>
  </url>
  <url>
    <loc>https://www.ocm.com/sitemap2.xml</loc>
    <lastmod>2019-07-28</lastmod>
  </url>
  <url>
    <loc>https://www.ocm.com/sitemap3.xml</loc>
    <lastmod>2019-07-28</lastmod>
  </url>
</sitemapindex>
```

```
<urlset xmlns="http://www.sitemaps.org/schemas/sitemap/0.9">
  <url>
    <loc>https://www.ocm.com/upb/dorm-life/housewares</loc>
    <changefreq>weekly</changefreq>
    <priority>1.0</priority>
  </url>
  <url>
    <loc>https://www.ocm.com/upb/dorm-life/housewares/dorm-fans-and-lamps</loc>
    <changefreq>weekly</changefreq>
    <priority>1.0</priority>
  </url>
</urlset>
```

**Note** = Let's say we have 3 language sites (DE ... JA ... EN).

Then we will be having each site with its own sitemap.xml (In this case, we will have 3 sitemap.xml).

**Note** = Let's say – Website is having 100K Products ... 480 Categories ... Supports 3 Languages = DE ... JA ... EN ...

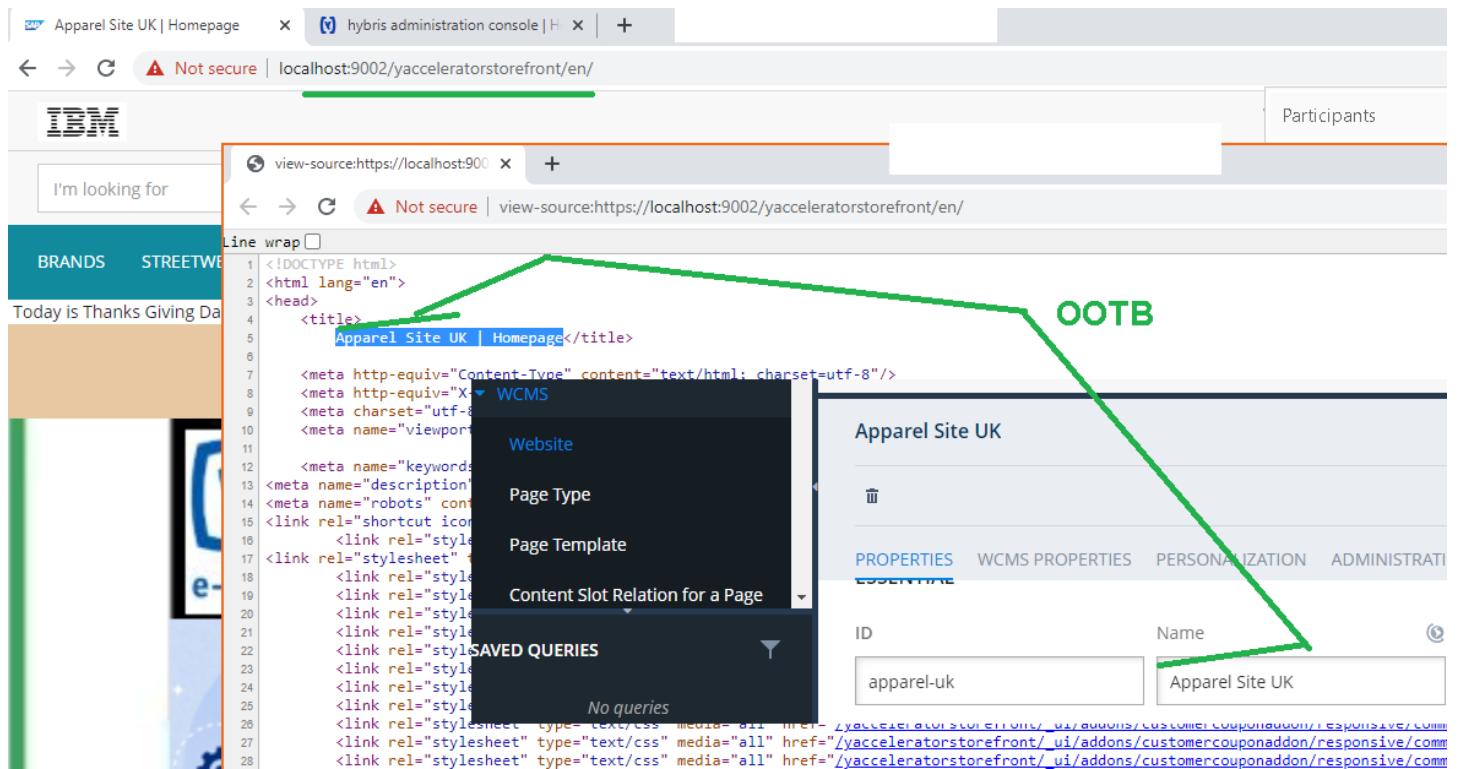
**Q** = How many total URL's?

$$(100K + 480) * 3 = 301440 \text{ URL's}$$

## **Scenario = Titles**

Homepage, Category page [PLP], Product page [PDP], Search page [Results data is very dynamic], Cart page, Checkout page, Order page, My Account page and ....

## **Homapage =**



**OOTB =**

## Homepage Title = Website - Name

Assume – Client don't want the OOTB then

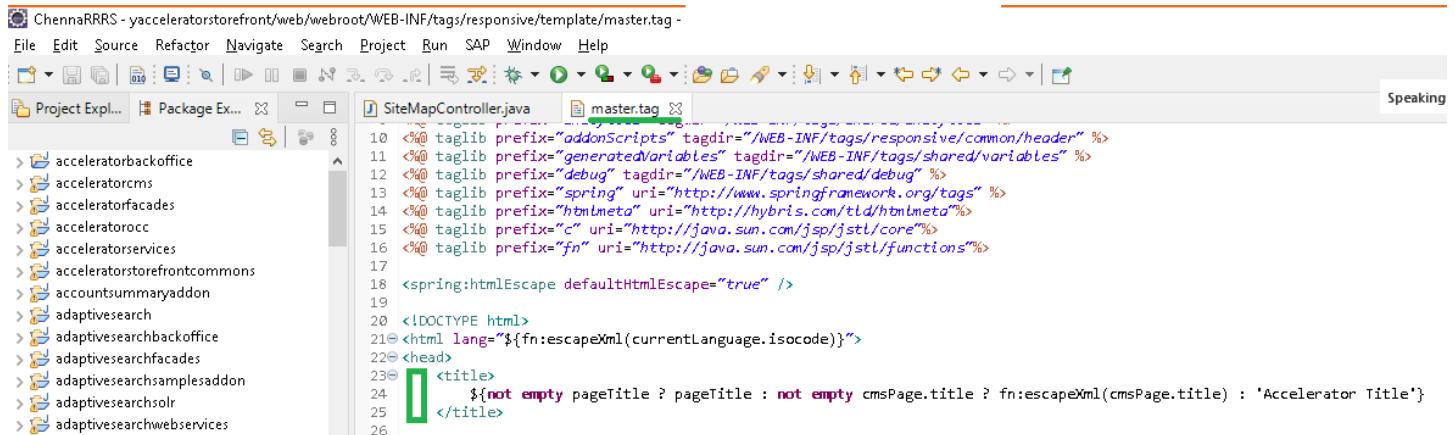
## Step 1 = \*.properties

key.homepage.title = ABC ... XYZ [Ask what title client want]

## **Step 2 =**

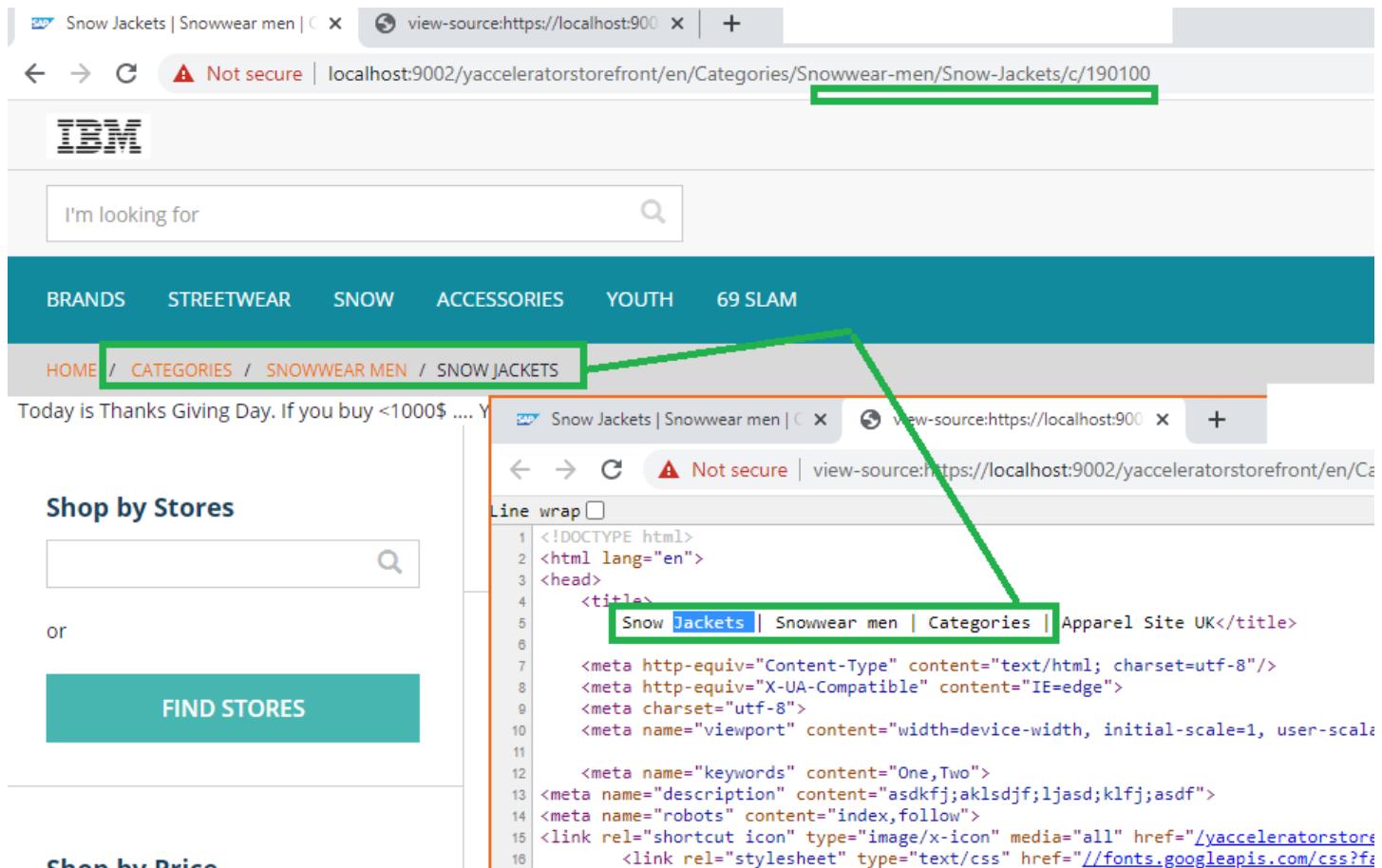
Write the logic to read the key & attach the value to **Title**.

## Q = Where can we see the Title code?



```
ChennaRRRS - yacceleratorstorefront/web/webroot/WEB-INF/tags/responsive/template/master.tag -  
File Edit Source Refactor Navigate Search Project Run SAP Window Help  
Project Expl... Package Ex... SiteMapController.java master.tag Speaking  
acceleratorbackoffice  
acceleratorcms  
acceleratorfacades  
acceleratortooc  
acceleratorservices  
acceleratorstorefrontcommons  
accountsummaryaddon  
adaptivesearch  
adaptivesearchbackoffice  
adaptivesearchfacades  
adaptivesearchsamplesaddon  
adaptivesearchsolr  
adaptivesearchwebservices  
  
10 <%@ taglib prefix="addonScripts" tagdir="/WEB-INF/tags/responsive/common/header" %>  
11 <%@ taglib prefix="generatedVariables" tagdir="/WEB-INF/tags/shared/variables" %>  
12 <%@ taglib prefix="debug" tagdir="/WEB-INF/tags/shared/debug" %>  
13 <%@ taglib prefix="spring" uri="http://www.springframework.org/tags" %>  
14 <%@ taglib prefix="htmlmeta" uri="http://hybris.com/tld/htmlmeta" %>  
15 <%@ taglib prefix="c" uri="http://java.sun.com/jsp/jstl/core" %>  
16 <%@ taglib prefix="fn" uri="http://java.sun.com/jsp/jstl/functions" %>  
17  
18 <spring:htmlEscape defaultHtmlEscape="true" />  
19  
20 <!DOCTYPE html>  
21<html lang="${fn:escapeXml(currentLanguage.isocode)}">  
22<head>  
23<title>  
24    ${not empty pageTitle ? pageTitle : not empty cmsPage.title ? fn:escapeXml(cmsPage.title) : 'Accelerator Title'}  
25</title>
```

## Category page [PLP] =



Snow Jackets | Snowwear men | view-source:https://localhost:900 | +

Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/c/190100

IBM

I'm looking for

BRANDS STREETWEAR SNOW ACCESSORIES YOUTH 69 SLAM

HOME / CATEGORIES / SNOWWEAR MEN / SNOW JACKETS

Today is Thanks Giving Day. If you buy <1000\$ .... Y

Shop by Stores

FIND STORES

Shop by Price

Line wrap □

```
<!DOCTYPE html>  
<html lang="en">  
<head>  
    <title>  
        Snow Jackets | Snowwear men | Categories | Apparel Site UK</title>  
  
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>  
    <meta http-equiv="X-UA-Compatible" content="IE=edge">  
    <meta charset="utf-8">  
    <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=0">  
  
    <meta name="keywords" content="One,Two">  
    <meta name="description" content="asdkfj;aklsdjf;ljasd;klfj;asdf" />  
    <meta name="robots" content="index,follow" />  
    <link rel="shortcut icon" type="image/x-icon" media="all" href="/yacceleratorstorefront/favicon.ico" />  
    <link rel="stylesheet" type="text/css" href="//fonts.googleapis.com/css?family=Open+Sans:400,700&subset=latin,latin-ext" />
```

**OOTB =**

Category page Title = Breadcrumbs (or) Navigation Hierarchy

Assume – Client don't want the OOTB then

**Step 1** = Create a **column** for this in Category table

**Step 2** = Ask the business to fill what title values they want

**Step 3** = Write the logic to read Category table Columnun value & attach to Category page title.

**Product page [PDP] =**

The screenshot shows a web browser window with the following details:

- Address Bar:** Rachel Women black Uni | Bags v x + Not secure | localhost:9002/yacceleratorstorefront/en/Categories/Accessories-women/Bags-women/Rachel-Women/p/300619188
- Header:** WELCOME CH
- Logo:** IBM
- Search Bar:** I'm looking for
- Navigation Bar:** BRANDS, STREETWEAR, SNOW, ACCESSORIES, YOUTH, 69 SLAM
- Breadcrumbs:** HOME / CATEGORIES / ACCESSORIES WOMEN / BAGS WOMEN / RACHEL WOMEN
- Content Area:** Product review for 'Rachel Women black Uni | Bags women | Accessories women | Categories | Apparel Site UK'. It includes a star rating and a 'Write a Review' button.
- Code View:** A developer tools panel shows the HTML source code for the page, specifically the `<title>` section which contains the breadcrumb path: "Rachel Women black Uni | Bags women | Accessories women | Categories | Apparel Site UK".

**OOTB =**

Product page Title = Breadcrumbs (or) Navigation Hierarchy

Assume – Client don't want the OOTB then

**Step 1** = Create a **colum** for this in Product table

**Step 2** = Ask the business to fill what title values they want

**Step 3** = Write the logic to read Product table Columun value & attach to Product page title.

## Scenario = Description

### Homepage =

The screenshot shows a browser window with two tabs. The left tab is the 'Apparel Site UK | Homepage' and the right tab is 'view-source:https://localhost:9002/yacceleratorstorefront/en/'. The homepage displays a navigation bar with 'IBM', 'I'm looking for', 'BRANDS', 'STREETWEAR', 'SNOW', and a message about Thanksgiving. The source code in the right tab shows the HTML structure, including the title, meta tags for keywords and robots, and several links to CSS files. A red arrow points to the `<meta name="description">` tag in the source code.

```
<!DOCTYPE html>
<html lang="en">
<head>
    <title>
        Apparel Site UK | Homepage</title>
    <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no">
    <meta name="keywords">
    <meta name="description"> -----
    <meta name="robots" content="index,follow">
    <link rel="shortcut icon" type="image/x-icon" media="all" href="/yacceleratorstorefront/_ui/icon.png">
    <link rel="stylesheet" type="text/css" href="//fonts.googleapis.com/css?family=Open+Sans:400,700&display=swap">
    <link rel="stylesheet" type="text/css" media="all" href="/yacceleratorstorefront/_ui/responsive.css">
    <link rel="stylesheet" type="text/css" media="all" href="/yacceleratorstorefront/_ui/style.css">
    <link rel="stylesheet" type="text/css" media="all" href="/yacceleratorstorefront/_ui/color.css">
    <link rel="stylesheet" type="text/css" media="all" href="/yacceleratorstorefront/_ui/iconfont.css">
    <link rel="stylesheet" type="text/css" media="all" href="/yacceleratorstorefront/_ui/iconfont.css">
```

### Logic =

**Step 1 = \*.properties**

key.homepage.desc = ABC ... XYZ [Ask what desc client want]

**Step 2 =**

Write the logic to read the key & attach the value to **Desc**.

# Category Page

The screenshot shows a browser window with two tabs. The active tab displays the source code of a web page, specifically a meta tag for a product category. The code includes a description field containing the string 'asdkgfj;aklsdjf;ljasd;klfj;asdf'. A green arrow points from the SAP Administration Cockpit interface to this specific line of code.

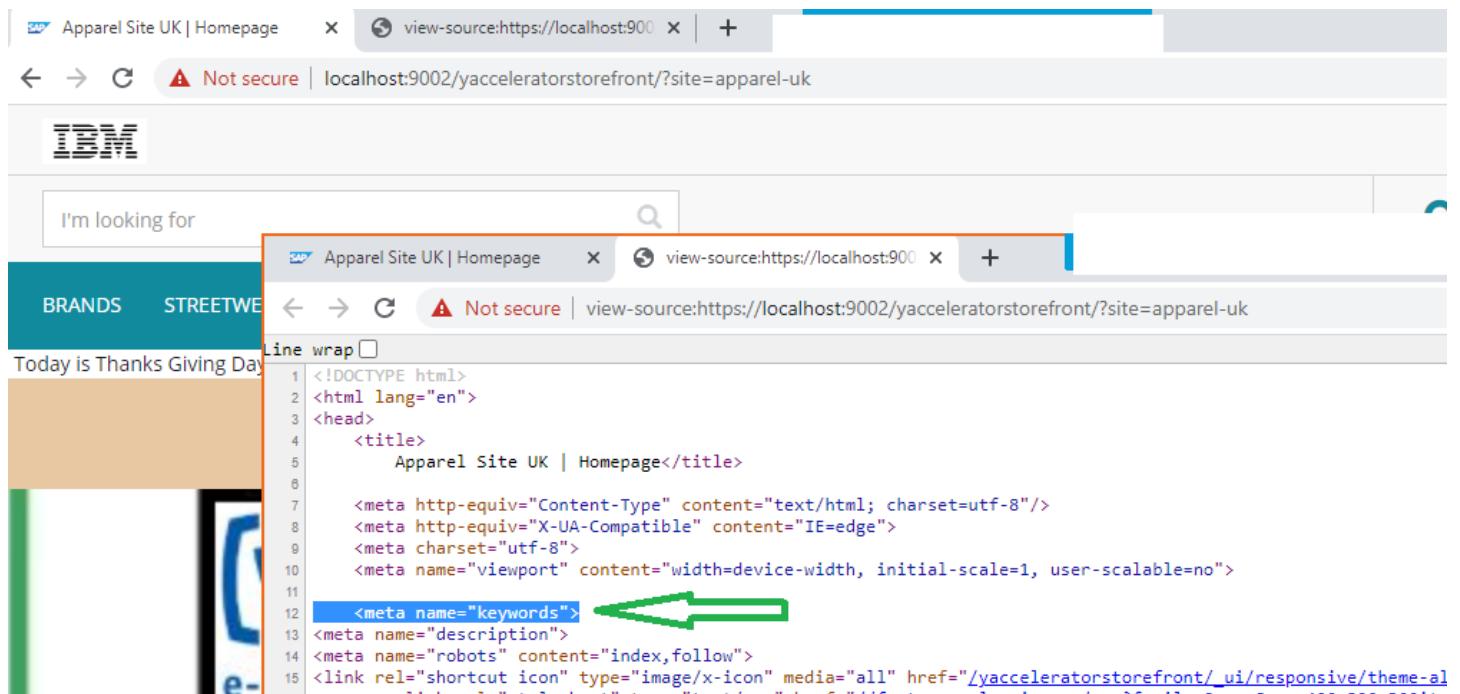
The SAP Administration Cockpit interface is open in a separate window. It shows a navigation tree on the left with 'Catalog' selected. Under 'Catalog', 'Categories' is highlighted. The main area displays product information for 'Snow Jackets [190100] - Apparel Product'. On the right, there are several configuration tabs: GENERAL, CATEGORY STRUCTURE, MULTIMEDIA, and KEYWORD. The 'KEYWORD' tab is currently active, showing a text input field with the value 'One[en]' and a button labeled 'Source'. A green box highlights the 'KEYWORD' tab, and another green box highlights the 'Source' button.

# Product Page =

The screenshot shows a web browser displaying a product page for a 'Beacon Jacket lime XXL [300441363] - Apparel'. The URL in the address bar is <https://localhost:9002/yacceleratorstorefront/en/Categories/Snowwear-men/Snow-Jackets/Beacon-Jacket/p/300441363>. On the left, there's a sidebar with a 'BRANDS' section and a 'Line wrap' checkbox. Below it are links for 'HOME /' and 'Today is The Day'. The main content area shows the product details, including a large image of the jacket and its description: 'Beacon Jacket lime XXL | Snow Jackets | Snowwear'. The description includes meta tags for keywords, description, and robots. To the right of the product details is a sidebar with navigation links: Catalog, Products (which is highlighted with a green box), Categories, Product Variant Types, Units, and Keywords. At the bottom of the sidebar is a 'SAVED QUERIES' section. A green box also highlights the 'Products' link in the sidebar.

## Scenario = Keywords

### Homepage



The screenshot shows a web browser with two tabs. The top tab is 'Apparel Site UK | Homepage' and the bottom tab is 'view-source:https://localhost:900'. Both tabs show the same URL: 'localhost:9002/yacceleratorstorefront/?site=apparel-uk'. The page content includes the IBM logo, a search bar, and navigation links for 'BRANDS' and 'STREETWEAR'. A message 'Today is Thanks Giving Day' is displayed. The source code in the bottom tab shows the HTML structure with a green arrow pointing to the `<meta name="keywords">` tag.

```
Line wrap □
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <title>
5     Apparel Site UK | Homepage</title>
6
7   <meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
8   <meta http-equiv="X-UA-Compatible" content="IE=edge">
9   <meta charset="utf-8">
10  <meta name="viewport" content="width=device-width, initial-scale=1, user-scalable=no">
11
12  <meta name="keywords"> ←
13 <meta name="description">
14 <meta name="robots" content="index,follow">
15 <link rel="shortcut icon" type="image/x-icon" media="all" href="/yacceleratorstorefront/_ui/responsive/theme-a1
  .ico" data-href="https://localhost:9002/yacceleratorstorefront/_ui/responsive/theme-a1.ico" data-secu...
```

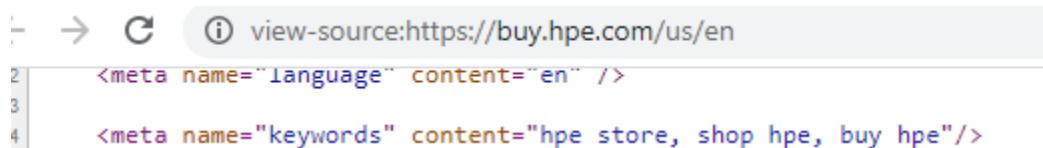
### Logic =

#### Step 1 = \*.properties

key.homepage.keywords = ABC ... XYZ [Ask what keywords client want]

#### Step 2 =

Write the logic to read the key & attach the values to Keywords.



The screenshot shows the source code for the URL 'https://buy.hpe.com/us/en'. It includes meta tags for language and keywords.

```
1 <meta name="language" content="en" />
2
3 <meta name="keywords" content="hpe store, shop hpe, buy hpe"/>
```

# Category Page

The screenshot shows a web browser with two tabs: "Snow Jackets | Snowwear men" and "view-source:https://localhost:900". The main content area displays an IBM storefront page for "Snow Jackets [190100] - Apparel Product Catalog : Online". The left sidebar includes links for "BRANDS", "STREETWEAR", "HOME / CATEGORIES", and "Shop by Stores". A modal window titled "Snow Jackets [190100] - Apparel Product Catalog : Online" is open, showing sections for "GENERAL", "CATEGORY STRUCTURE", "MULTIMEDIA", and "ADMINISTRATION". The "DESCRIPTION" section contains fields for "Description" and "Keywords". The "Keywords" field has entries "One[en] - Apparel Product Cat..." and "Two[en] - Apparel Product Cata...". The right side of the screen shows a navigation menu with items: Home, Inbox, System, Catalog (highlighted), Catalogs, Catalog Versions, Categories (highlighted), and Products.

# Product Page

The screenshot shows a web browser with two tabs: "Beacon Jacket lime XXL | Snow Ja" and "view-source:https://localhost:900". The main content area displays an IBM storefront page for "Beacon Jacket lime XXL [300441363] -". The left sidebar includes links for "BRANDS", "STREETWEAR", "SNOW", "ACCESSORIES", and "YOUTH". A modal window titled "Beacon Jacket lime XXL [300441363] -" is open, showing sections for "PROPERTIES" and "EXTENDED ATTRIBUTES" (highlighted). The "KEYWORDS" section contains a "Keywords" field with a placeholder "Keywords ?". The right side of the screen shows a navigation menu with items: Home, Inbox, System, Catalog (highlighted), Catalogs, Catalog Versions, Categories, and Products.

## Configure OG (Open Graph) Tag = Title, Name, Desc, Type & Image.



```
→ C ⓘ view-source:https://www.croma.com/realme-8-128gb-rom-8gb-ram-rmx3241-supersonic-blue-/p/234442
8
9
0
1
2
3
4
5
6
7
8
9
```

```
"offers": {
    "@type": "Offer",
    "priceValidUntil": " ",
    "priceCurrency": "INR",
    "price": "",
    "itemCondition": "NewCondition",
    "availability": ""
}
<meta property="og:type" content="product" /> <meta name="twitter:card" content="summary_large_image" />
<meta property="og:image" content="https://media.croma.com/image/upload/f_auto,q_auto,d_Croma%20Assets:no-product-ima
<meta property="og:url" href="https://www.croma.com/realme-8-128gb-rom-8gb-ram-rmx3241-supersonic-blue-/p/234442" />
```

## Canonical Tags

Syntax =

```
<link rel="canonical" href="current page url"/>
```

```
→ C ⓘ view-source:https://www.croma.com/realme-8-128gb-rom-8gb-ram-rmx3241-supersonic-blue-/p/234442
8
9
0
1
2
3
4
5
6
7
8
9
```

```
"offers": {
    "@type": "Offer",
    "priceValidUntil": " ",
    "priceCurrency": "INR",
    "price": "",
    "itemCondition": "NewCondition",
    "availability": ""
}
</script>
<link rel="canonical" href="https://www.croma.com/realme-8-128gb-rom-8gb-ram-rmx3241-supersonic-blue-/p/234442" da
```

```
→ C ⓘ view-source:https://www.croma.com/realme-8-128gb-rom-8gb-ram-rmx3241-supersonic-blue-/p/234442
8
9
0
1
2
3
4
5
6
7
8
9
```

```
<meta http-equiv="X-UA-Compatible" content="ie=edge">
<meta name="tdl-sso-client_id" content="CROMA-WEB-APP">
<meta name="robots" content="index,follow">
<link rel="shortcut icon" type="image/x-icon" sizes="16x16 32x32 64x64" href="/assets/favicon.ico'>
<link rel="apple-touch-icon" href="/assets/croma-icon-192.png" />
```

Contact Us = [ChennaReddyTraining@RRRS.CO.IN](mailto:ChennaReddyTraining@RRRS.CO.IN)