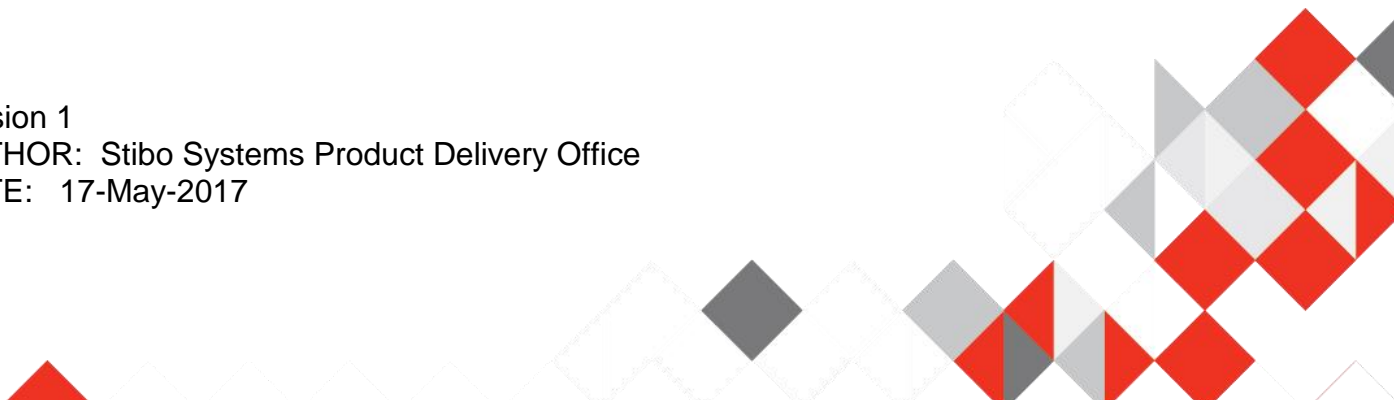




STEP Trailblazer

8.2 Web UI Redesign Summary

Version 1
AUTHOR: Stibo Systems Product Delivery Office
DATE: 17-May-2017



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1 Introduction

The STEP Trailblazer 8.2 release features an exciting redesign of the Web UI. In ways both subtle and pronounced, nearly every aspect of the Web UI has been brought in line with a new look and feel. The template for these changes is Google's Material Design, which lays out in clear terms the visual rules Google adheres to when designing and updating their suite of products. Many other companies also use Material Design to unify the user experience.

With the STEP Web UI, Stibo has applied many of these same rules. As a result, the aesthetic of the STEP Web UI is both cleaner and more consistent, providing users with a more intuitive interface. With changes as comprehensive as these, questions and concerns about how this update will affect users are expected. To that end, this document will describe:

- the reasons why Stibo has made this change
- how the functionality of the Web UI is affected by this change
- a closer look at the primary changes made to the Web UI

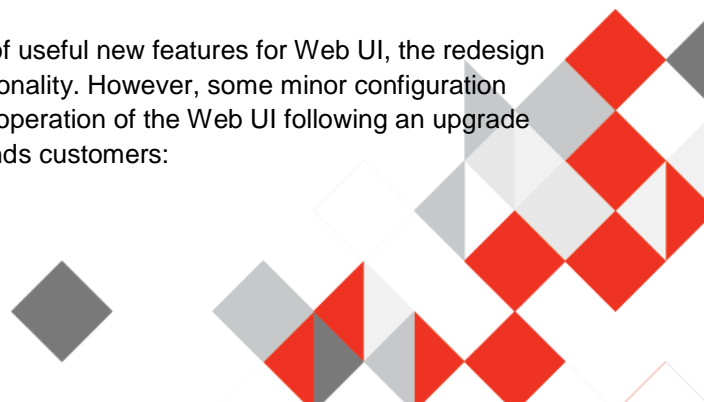
2 What's behind the change?

The reason the STEP Web UI has been updated is simple: our customers. The fast pace of change in the digital realm challenges everyone who creates web-based interfaces to find ways to embrace the accepted look and feel of the moment. Google's publicly available design manifesto, Material Design, is a design language developed in 2014 that is used by a large and growing portion of those offering content or access online. Material Design focuses on clean, simple layouts intended to make content easier to access by making interfaces more intuitive. In practice, this entails stripped-down color schemes, unobtrusive lines, improved white space use, elemental shapes, and easy-to-read text. By incorporating Material Design's motifs into the STEP Web UI, not only is the interface's look and feel more streamlined, the overall usability is also improved.

It is important to note that the enhancements made to the STEP Web UI are not limited to aesthetic improvements. Other exciting projects intended to streamline the user's ability to execute tasks in the Web UI were also implemented with this update. Though not referenced in this document, they will be described in detail in the release notes for the STEP Trailblazer 8.2 release.

3 How will this affect me?

While the 8.2 release of STEP Trailblazer features a number of useful new features for Web UI, the redesign project itself has affected none of the Web UI's baseline functionality. However, some minor configuration changes may be required to ensure proper and uninterrupted operation of the Web UI following an upgrade to STEP Trailblazer 8.2. To that end, Stibo strongly recommends customers:



- create a plan for upgrading that evaluates potential impact
- use a development test server to review and test the updated Web UI prior to updating / implementing 8.2 in a live environment
- ensure users are made aware of the Web UI design changes prior to updating production systems to 8.2. Change, even good change, should be announced properly

To assist in this effort, the following section of this document describes some of the changes to the Web UI configuration that may require user action when upgrading to the updated Web UI.

3.1 Fewer lines of text in Homepage widgets

To increase the overall readability of text in the Web UI, both the font size and the space between lines of text has been increased. To accommodate the effect this change will have on how text appears in the Homepage widgets, the height of these widgets has been increased. Even with this change, however, the Homepage widgets will now fit fewer lines of text.

For the Status Selector Homepage widget and the Quick Links widget, the reduced number of lines of text means that fewer states and links can be displayed in each of the widgets. However, if a user requires more workflow states or links than can be displayed in a single widget, it is recommended that either a second widget be added, or the left side panel be configured with a Status Selector Side Bar Widget or a Links Widget. If neither of these options work, users should contact Stibo for additional options that may better accommodate the required content.

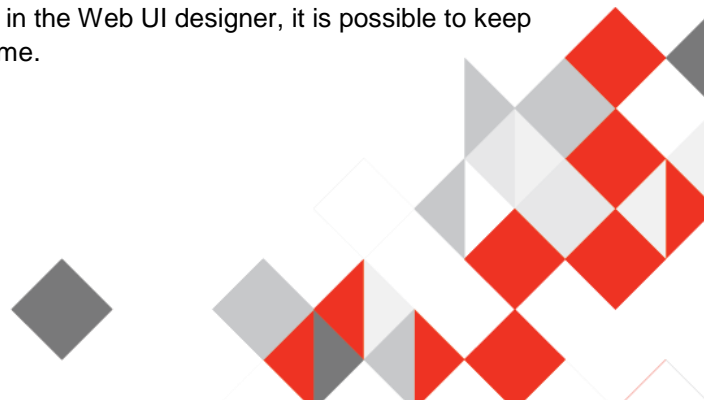
For smaller or low-resolution displays, the increased height of the widgets may affect the number of Homepage widgets that can display on the screen at one time. To account for this, it is recommended that users enable paging (Paging Enabled) on the Homepage. If the number of widgets cannot fit on a single page, this setting allows widgets to automatically flow to a new page.

3.2 Toolbar action labels placed to the right

Another change to the toolbar applies to the placement of labels on the toolbar action buttons. With the 8.2 redesign, the label has been moved from below the button to the right of it. By repositioning the label in this way, the toolbar has shrunk in height, thus reducing the prominence of the toolbar and achieving greater visibility for the data. It is useful to note here that users may still opt to display only the buttons' icons and omit the label entirely.

3.3 Toolbar actions will overflow into a dropdown menu

To account for the added length of the toolbar resulting from the repositioning of the toolbar action labels, a space-saving dropdown menu has been added. If the number of toolbar actions configured on a screen exceeds the available space in the toolbar, those excess actions will now flow into a dropdown menu. By careful sequencing of the actions when configuring the screen in the Web UI designer, it is possible to keep the most important or most often used actions in view all the time.



3.4 Display Modes available from a dropdown menu

Display Modes are basically what they sound like: a set of selectable view-styles users can apply to a set of objects to analyze data. Prior to this redesign of the Web UI, the available Display Modes were listed side by side in the toolbar, which meant that each added Display Mode took valuable real estate from the toolbar actions. For the 8.2 release, all Display Modes added to a Web UI screen are now bundled together in a dropdown menu accessible from the toolbar, leaving only the active Display Mode visible. Because of this change, the toolbar's limited real estate will no longer be taken up by display modes, freeing up more space for the user to add additional toolbar actions.

4 A Closer Look at the Changes

To provide a comprehensive look at the changes included in this redesign, this section focuses on the components that make up the bulk of the Web UI's functionality.

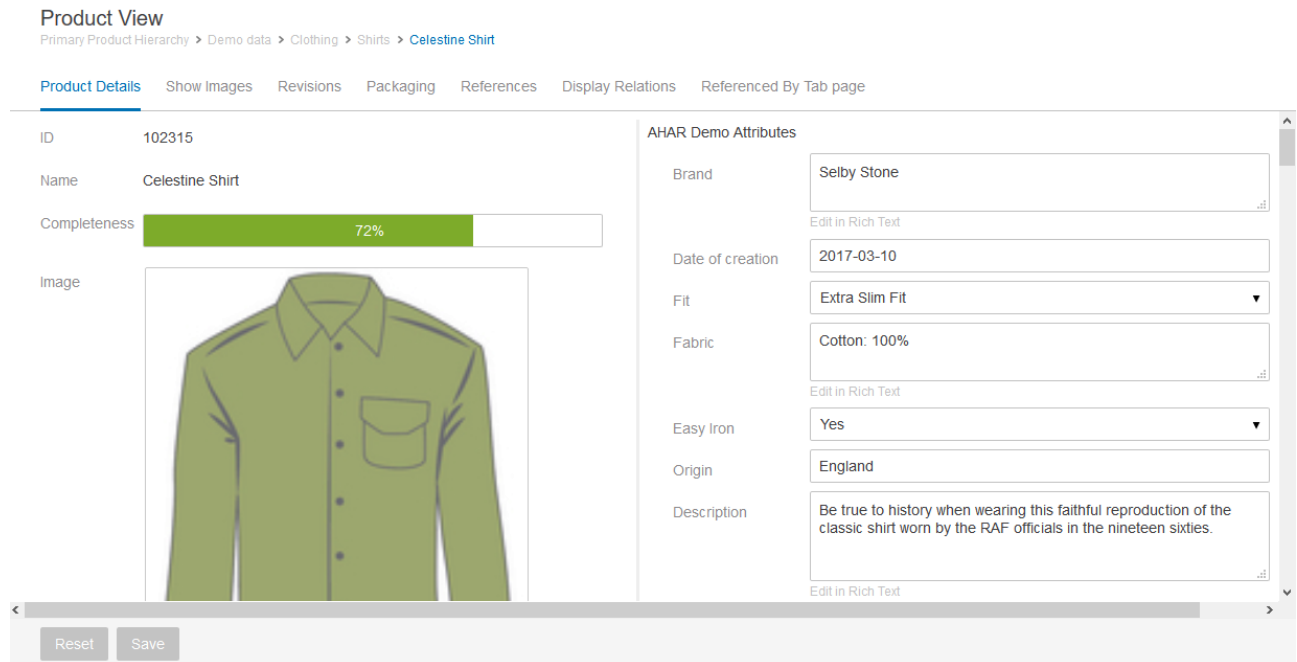
The changes introduced with the redesign manifest themselves throughout the Web UI. Some changes are more visible than others, but all are implemented to fulfill the overall ambition of providing a clean and visually appealing user interface that is both easy to use and engineered to bring the most important content and information into focus.

The screenshot displays a dashboard with several widgets arranged in a grid. The top row includes: 'CURRENT USER' (logged in, with links for User Details and Design Mode, and a Logout button), 'WELCOME' (instructions on how to configure the Web UI), 'LINKS' (Browse, Advanced Search, Product Images), 'SEARCH' (input field and search icon), and 'IMPORT PRODUCTS' (drop file area and Select file button). The bottom row includes: 'ONBOARDING WORKFLOW' (table with columns for High Priority, Need Revision, and Normal), 'APPROVE STATUS' (pie chart showing 50.00% red and 50.00% green), 'OBJECT TYPE COUNT' (pie chart showing 14.29% yellow and 85.71% green), and 'ATTRIBUTE VALUES' (horizontal bar chart showing 100% Cotton and No Value).

	High Priority	Need Revision	Normal
Initiate	0	0	109
Enrich	21	13	718
Review	22	5	33
Approved	0	0	82
Total	43	18	942

Among the most visible changes for the 8.2 release is the implementation of a new 8-point grid system adopted from Google's Material Design. The 8-point grid helps define the spatial relationship of the various elements appearing on the screen. By adopting this format to arrange and align content, it is possible to create a scalable layout that is consistent across all the elements, screens, and pages that make up a Web UI. This ensures that, no matter how a Web UI is set up, the user experience is pleasing to the eye and intuitive to use. The 8-point grid is used by many leading companies for their digital offerings because it:

- promotes visual consistency across platforms
- streamlines development work by condensing the available options for placement of screen elements
- provides an easy-to-understand framework for designers and developers to facilitate collaboration



The adoption of the 8-point grid can also be observed in the increased size of the input fields and table elements appearing in the Web UI. This sizing adjustment, coupled with a universal increase in font size, provides users with a more open, more accessible interface.



Category Details
Primary Product Hierarchy > Demo data > Clothing > Shirts

Category Details Products in Category Search by Image

Select all Clear filter Apply view Clear view Freeze columns and rows Create product Multi edit view

	Thumbnail	ID	Brand	Date of creation	Fit	Fabric	Easy Iron	Origin	Description
<input type="checkbox"/>		102315	Selby Stone	2017-03-10	Extra Slim Fit	Cotton: 100%	Yes	England	Be true to history when wearing this faithful reproduction of the classic shirt worn by the RAF officials in the nineteen sixties.
<input type="checkbox"/>		102317	Selby Stone	2017-03-29	Slim Fit	Cotton 65% Polyester 35%	Yes	England	Reproduction of the classic Temple shirt with modern details and a slim fit. Be true to the classic look in a modern time.
<input type="checkbox"/>		102318	Selby Stone	2017-03-21	Extra Slim Fit	Cotton 80% Polyester 10%	No	England	Extra Slim fit shirt for the modern man aspiring to the classic look and feel.
<input type="checkbox"/>		102319	Selby Stone	2017-03-30	Regular fit	Cotton 70% Polyester 30%	Yes	England	Classic shirt in modern materials for a stretchy feel and easy care. Regular fit.
<input type="checkbox"/>		102320	Estevo Danniell	2017-03-29	Slim Fit	Wool: 100%	No	Italy	Beautiful shirt in premium marino wool with a silky look. Slim fit with narrow should that accentuates the waist and creates a fitted silhouette.
<input type="checkbox"/>		102321	Estevo Danniell	yyyy-MM-dd	Slim Fit	Cotton: 70% Polyester 30%	No	Italy	A versatile shirt for everyday use made in strict material and with many recognisable details from chest pocket to three button collar.wool with a silky look. Slim fit with narrow should that accentuates the
<input type="checkbox"/>		102322	Estevo Danniell	yyyy-MM-dd	Slim Fit	Cotton: 100%	No	Italy	Shirt in cotton flannel with a collar and chest pocket
<input type="checkbox"/>		102323	Amery Snyder	yyyy-MM-dd	Regular fit	Cotton: 30% Wool 70%	No	Netherland	Comfortable shirt in regular fit made of a blend cotton and wool to keep the body warm for the long days outside exploring the sea.
<input type="checkbox"/>		102324	Amery Snyder	yyyy-MM-dd	Regular fit	Cotton: 80% Wool 20%	No	Netherland	Retro looking shirt in denim cotton blended with high quality wool for comfortable wear and snug fit. Perfect for the days of rebelling against conformity.
<input type="checkbox"/>		102325	Amery Snyder	yyyy-MM-dd	Regular fit	Cotton Flannel: 100%	No	Netherland	Shirt in cotton flannel with a collar and chest pocket
<input type="checkbox"/>		102330	Wells	yyyy-MM-dd	Contemporary Fit	Cotton: 100%	No	U.S.	A classic formal shirt with satin finish in pure cotton and contemporary fit.
<input type="checkbox"/>		102331	Wells	yyyy-MM-dd	Contemporary Fit	Cotton: 100%	No	U.S.	A classic formal shirt with light-cathign geometric print made of pure cotton and a contemporary fit.
<input type="checkbox"/>		102332	Wells	yyyy-MM-dd	Regular fit	Cotton: 100%	No	U.S.	Formal shirt in regular fit made of soft cotton for comfortable wear during the long workdays.
<input type="checkbox"/>		102333	Wells	yyyy-MM-dd	Regular fit	Cotton: 80% Wool 20%	No	U.S.	Formal shirt made of a soft mix of cotton and wool perfect for the chilly days

Other initiatives that have been incorporated as part of the 8.2 Web UI redesign effort include reducing the prominence of less useful screen elements, reclaiming unused white space to take full advantage of the available screen real estate, and optimizing the layout to be more conducive to easy viewing and interaction with the displayed data. As an example, the tabs and the toolbars appearing at the top of tabular screens have been reworked to leave a lighter, less distracting visual footprint so users can focus on the data in front of them.

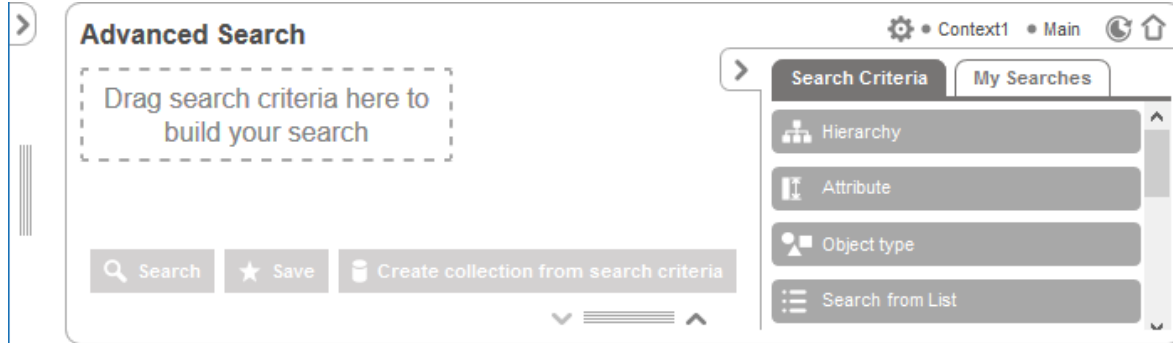
5 Example Screenshots

What follows are a series of screenshots that provide a clear visual introduction to the new look and feel. The screenshots are ordered in pairs with the first image showing the look and feel of a specific element of the Web UI prior to the redesign, and the second showing the look and feel for that element following the redesign. These before and after views of the redesign are included to clearly show what the changes mean for users working in the interface.

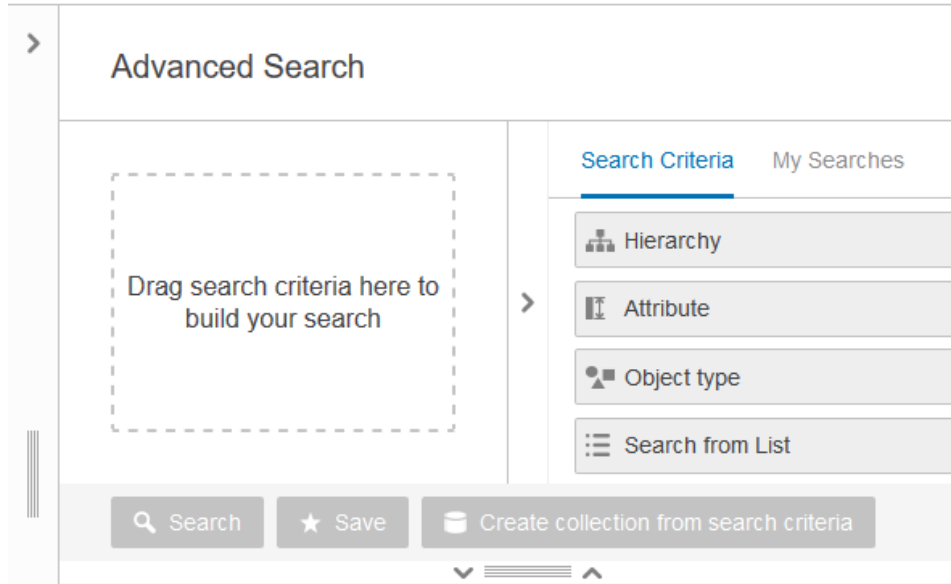


5.1 Advanced Search

Pre 8.2



8.2 Redesign



5.2 Attribute Link Editor

Pre 8.2

Apparel

Level 1 List Attribute Link Editor

Select all Clear filter Create attribute link

	Completen...	ID	Name
<input type="checkbox"/> Air Transportation Restrictions		AirTransportationRe	Air Transportation Restrictions
<input type="checkbox"/> Annual Sales Forecast, Minimum		AnnualSalesForeca:	Annual Sales Forecast, Minimum
<input type="checkbox"/> Annual Sales Forecast, Maximum		AnnualSalesForeca:	Annual Sales Forecast, Maximum
<input type="checkbox"/> Availability End		AvailabilityEnd	Availability End

Number of items : 77

8.2 Redesign

Apparel

Level 1 List Attribute Link Editor

Select all Clear filter Create attribute link

	Complete...	ID	Name
<input type="checkbox"/> 11A Sizing		11A_Sizing	11A Sizing
<input type="checkbox"/> Revisions List		AttrirbuteW	Revisions List
<input type="checkbox"/> Attribute N		Attribute N	Attribute N
<input type="checkbox"/> Attribute C		Attribute1	Attribute C

Number of items : 51

5.3 Attribute Management Screen

Pre 8.2

Attribute Management Context1 • Main

Attribute Details Validity

Description

ID: Hazmat

Name: Hazmat

Last edited by: 2016-09-06 17:11:12 by USERM

Externally maintained: Yes

Calculated: No

Type: Specification

Dimension dependencies: [icon]

Mandatory for approval: No

Attribute Validation

Validation: Text

Multi valued: No

Mask: [input]

Save Delete Reset

8.2 Redesign

Attribute Management

Attribute Details Validity

Description

ID: Hazmat

Name: Hazmat

Last edited by: 2016-10-28 06:29:18 by DBA

Externally maintained: No

Calculated: No

Type: Specification

Dimension dependencies: [icon]

Save Delete Reset

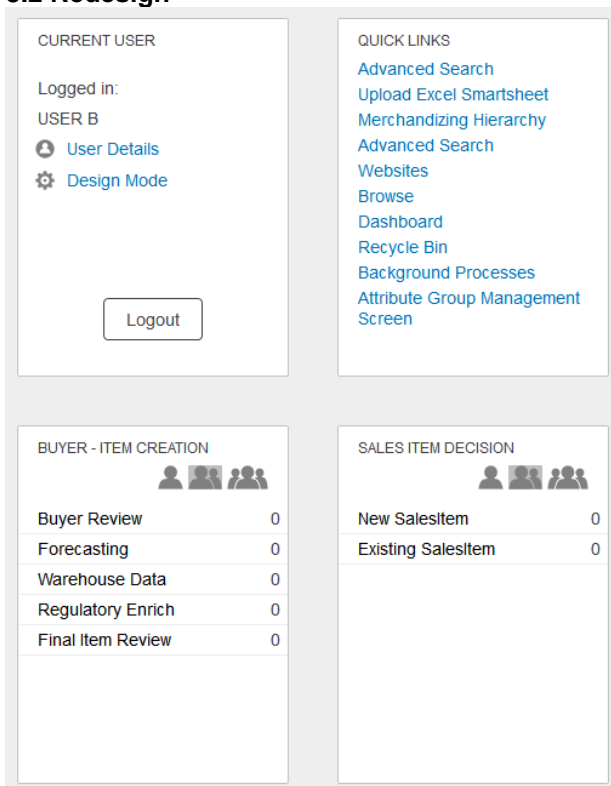


5.4 Homepage Widgets

Pre 8.2



8.2 Redesign



5.5 Node List

Pre 8.2

Item Family

Category Information Additional Information **Items** Status Multi-Reference Editor Title Reference Value

Select all Clear filter Create product Create product

	Name	Long Item ...	Product Na...	Short Item ...	Family Desc...	Attribut
<input checked="" type="checkbox"/>	18210 M B	18210 M B	Test	T-shirt, short sleeve, Beefy-T,	The Beefy-T T-Shirt For over 35 years,	
<input checked="" type="checkbox"/>	18212 L B	18212 L B	Hanes Beefy-T short sleeve T-shirt	T-shirt, short sleeve, Beefy-T,	The Beefy-T T-Shirt For over 35 years,	
<input checked="" type="checkbox"/>	18213 M O	18213 M O	Hanes Beefy-T short sleeve T-shirt	T-shirt, short sleeve, Beefy-T,	The Beefy-T T-Shirt For over 35 years,	
<input checked="" type="checkbox"/>	18216 L O	18216 L O	Hanes Beefy-T short sleeve T-shirt	T-shirt, short sleeve, Beefy-T,	The Beefy-T T-Shirt For over 35 years,	

Number of items : 4

Save Reset Bulk Update

8.2 Redesign

Item Family

Category Information Additional Information **Items** Status

Select all Clear filter Create product Change Reference Target

	Name	Base Unit...	Descripti...	Descripti...
<input type="checkbox"/>	18210 M B	EA		
<input type="checkbox"/>	18212 L B	EA		
<input type="checkbox"/>	18213 M O	EA		
<input type="checkbox"/>	18216 L B			
<input type="checkbox"/>	18216 L O	EA		

Number of items : 16

Save Reset Bulk Update

5.6 Login Screen

Pre 8.2

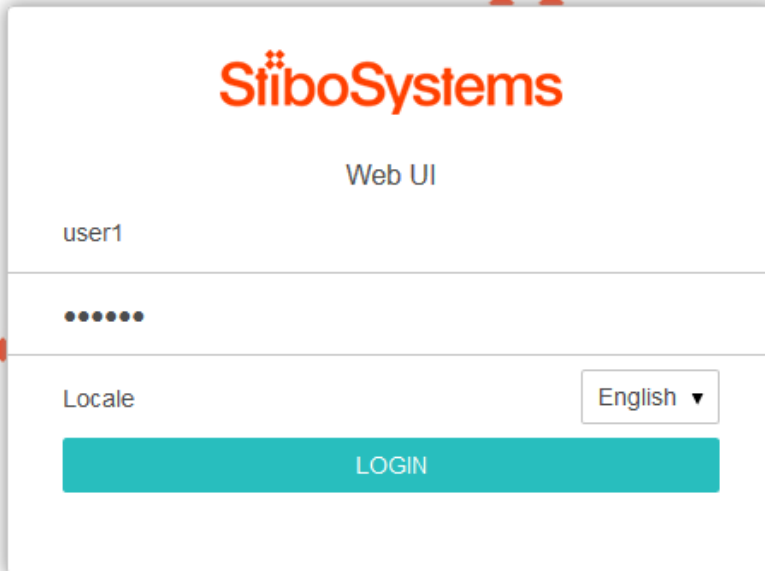
StiboSystems

Web UI



A screenshot of the old login screen. It features a grey background with white text and input fields. The 'Username' field contains 'user1'. The 'Password' field is masked with dots. A 'Login' button with a right-pointing arrow icon is located to the right of the password field. Below the password field, the text 'Locale English' is displayed with a small globe icon. At the bottom, a yellow information icon is followed by the text 'You are now logged out of the Web UI'.

8.2 Redesign



A screenshot of the redesigned login screen. It has a clean white background with the 'StiboSystems' logo at the top. Below the logo is the text 'Web UI'. The username 'user1' is entered in a simple white input field. The password field is also simple with a white background and a grey border, containing masked dots. The 'Locale' is set to 'English' in a dropdown menu. A prominent teal 'LOGIN' button is centered at the bottom of the form.

5.7 Multi-Reference Editor

Pre 8.2

Item Family Context1 Main

Additional Information Items Status **Multi-Reference Editor** Title Reference Value

Select all Clear filter Apply view Clear view Multi edit view Gallery view Grid view Film strip view

	ID	Object Type	Reference t...	Suppression ^
<input type="checkbox"/> HanesGrayT	112805	Product Image	Product Images	Cannot be suppressed
<input type="checkbox"/> HanesGreenT	112806	Product Image	Product Images	Cannot be suppressed
<input type="checkbox"/> Hanes Blue	20584	Product Image	Product Images	Cannot be suppressed
<input type="checkbox"/> Hanes Family	20585	Product Image	Primary Product Image	Cannot be suppressed
<input type="checkbox"/> Hanes Family	20585	Product Image	Product Images	Cannot be suppressed

Save Reset Bulk Update

8.2 Redesign

Item Family

Additional Information Items Status **Multi-Reference Editor** Title Reference Value Classification

Select all Clear filter Apply view Clear view Multi edit view

	ID	Object Type	Reference type	Suppression ^	Visibility
<input type="checkbox"/> Blue cap	107625	Product Image	Primary Product Image	Inherited	All Languages
<input type="checkbox"/> Products	ProductsGalorePro	Suppliers Products	Supplier Link	Suppressed	English
<input type="checkbox"/> Manual EN	6900	Owners Manual	Owners Manual	Visible	All Languages

Save Reset Bulk Update

5.8 LOV Management

Pre 8.2

List of Values Management

Context1 • Main

List of Values Details Values

ID: BatteryTypeLOV

Name:

Last edited by: 2016-09-07 11:11:18 by USERM

Dimension dependencies:

Validation:

Mask:

Maximum length:

Allow users to add values:

Use IDs on values:

Use IDs for sorting:

Value ID pattern:

8.2 Redesign

List of Values Management

List of Values Details Values

ID: BatteryTypeLOV

Name:

Last edited by: 2016-09-09 10:33:43 by USERJ

Dimension dependencies:

Validation:

Mask:

Maximum length:

Allow users to add values:

Use IDs on values:

Use IDs for sorting:

Value ID pattern:



5.9 Node Editor Component


Pre 8.2

Sales Item

Basic Information and References | Cost and Prices | Status | Multi Language | Multi Workspace

Product Category *fx* | Apparel | Upper Body Wear | T-shirts | T-Shirts Sales Item: T-shirts

Name | 18217-0542

Primary Product Image | 


Description, Long | The best-selling T-Shirt For over 35 years, it has set the standard for T-shirt comfort and quality. Today it's better than ever, offering greater durability and less shrinkage than you'll get with ordinary tees.

8.2 Redesign

[Basic Information and references](#) | [Category Informations](#) | [Additional Information](#)

Name | 18216 L O

ID | 181951

Primary Product Image | 

Product Category *fx* | Apparel | Upper Body Wear | T-shirts | T-shirts Items | Cotton T-Shirts

Approved | ✓ Context approved on 5/11/17 12:00 PM

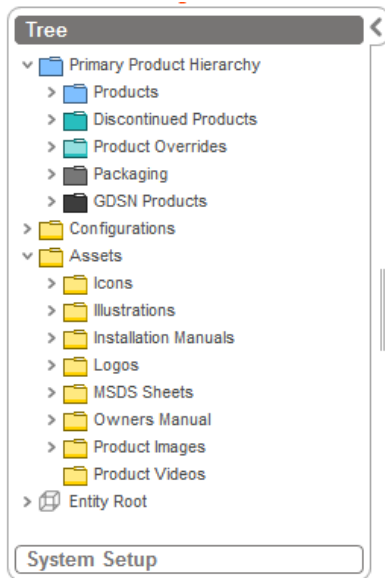
Brand Name ✓ | Acme

Brand Owner ✓ | AcmeBrands

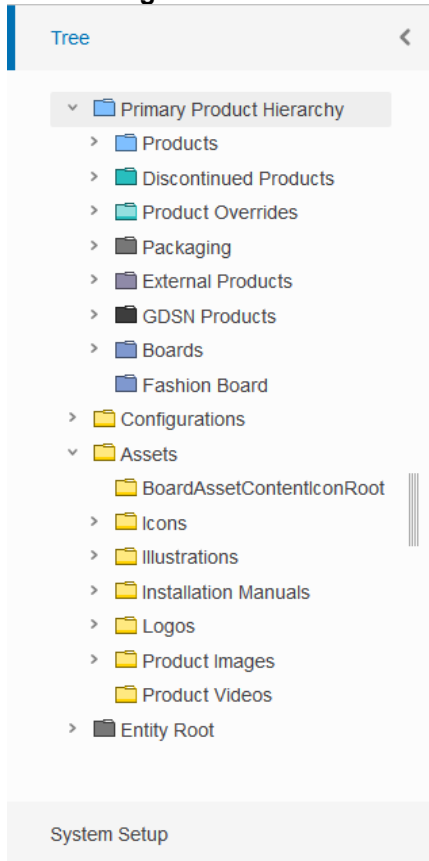


5.10 Tree Navigator

Pre 8.2



8.2 Redesign



5.11 Multi Context Screen

Pre 8.2

Multi Context Screen, ID 18210, Name 18210 M B

Attributes Owners Manual Primary Product Image Installation Manual Accessory Optional Affiliate Of

Select contexts Hide equal Mark different Apply view Clear view

	ID	Name	Brand Name	List Price	Description, Web
Context1	18210	18210 M B	Hanes	12.99 \$	

8.2 Redesign

Multi Context Screen, ID 18210, Name 18210 M B

Attributes Owners Manual Primary Product Image Installation Manual Accessory Optional Affiliate Of

Select contexts Hide equal Mark different Apply view Clear view

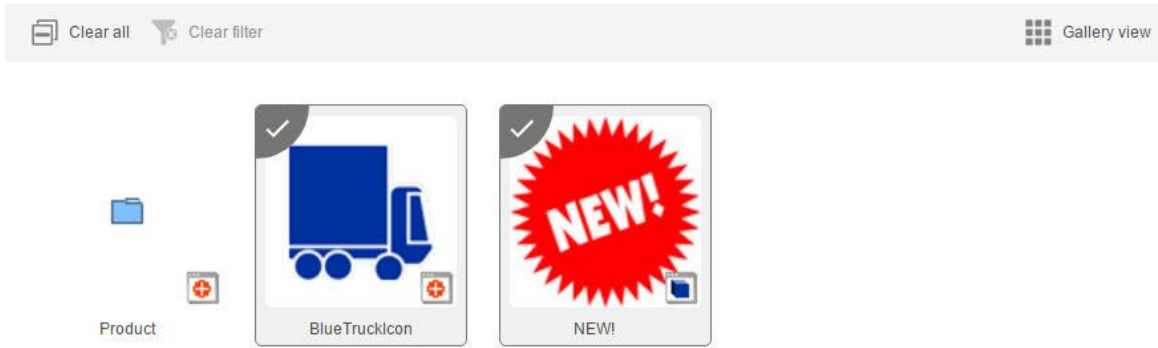
	ID	Name	Brand Name	List Price	Description, Web
English US	18210	18210 M B	Hanes	12312.99 \$	



5.12 Classification Screen

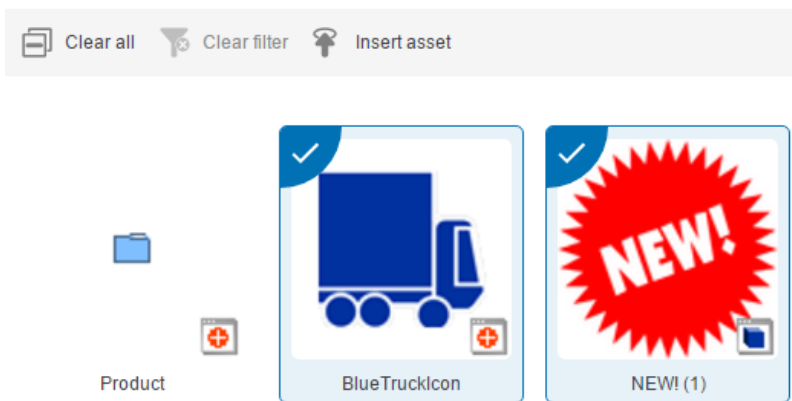
Pre 8.2

Classification List



8.2 Redesign

Classification List



5.13 Design Mode

Pre 8.2

Properties

Configuration Web UI style

Node Details Level 1 Save Close New... Delete Rename Save as...

Node Details Properties

Component Description Top level component for creating a node editor. Can edit any node type. Also works for editors that depends on STEP Workflow.

Title Apparel

Css Class

► Validation

► Multiple Target References

Child Components

Main Tab Control go to component

Buttons <Select a child comp go to component

Breadcrumb <Select a child comp go to component

8.2 Redesign

Properties

Configuration Web UI style

Node Details Save Close New... Delete Rename Save as...

Node Details Properties

Component Description Top level component for creating a node editor. Can edit any node type. Also works for editors that depends on STEP Workflow.

Title Item Objects - Details

Css Class

Show Title

► Validation

► Multiple Target References

Child Components

Main Draggable Split Panel go to component

Buttons Buttons go to component

Breadcrumb Breadcrumb go to component



About Stibo Systems

Stibo Systems is the global leader in multidomain Master Data Management (MDM) solutions. Industry leaders rely on Stibo Systems to provide cross-channel consistency by linking product and customer data, suppliers and other organizational assets. This enables businesses to make more effective decisions, improve sales and build shareholder value. During the last 30 years, Stibo Systems has helped hundreds of companies to develop a trusted source of operational information. A privately held subsidiary of the Stibo A/S group, which was originally founded in 1794, Stibo Systems' corporate headquarters is located in Aarhus, Denmark.

For more information, visit www.stibosystems.com.

For more information:
Contact your Stibo Account Manager

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