PORTALS PRODUCT INFORMATION REPOSITORY

This document contains information about the Product Information Repository functionality in TRIMIT 2018.
It is based on the released version of NAV and TRIMIT and will only discuss the functionality and fields in standard TRIMIT.
For information about standard NAV fields, please see the documentation from Microsoft.

The audience for this document is the NAV Consultant or very skilled NAV User.
Be aware of not changing settings and parameters in a live database without consulting the implementing partner.

Be aware that the appearance in later versions of TRIMIT may vary from the screenshots in this document.

Version: 2018.1
Date: 01-05-2018

CONTENTS

INTRODUCTION

TRIMIT PIR is a place to manage tasks related to product management.

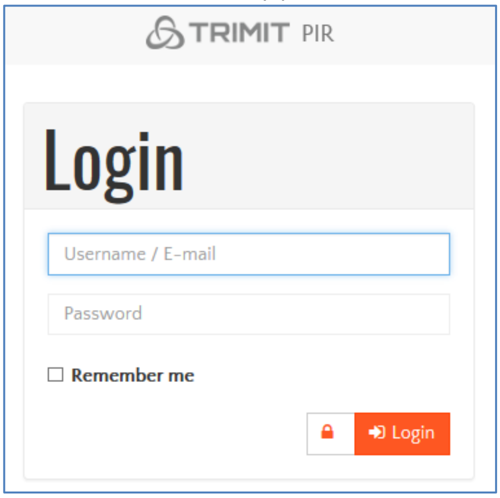
TRIMIT PIR can be considered as a common repository, in which you can upload/synchronize content for items/products/masters and reuse it on several portal subdomains.

Having multiple portals on the same instance (e.g. *b2b.trimit.com*, *sa.trimit.com*) together with TRIMIT PIR (e.g. *pir.trimit.com*) allows sharing images and files across portals. There is no need to upload image to all portals. The B2B Webshop (B2B) and Sales Agent Portal (SA) are sharing images uploaded on the B2C Webshop (B2C) with use of portals tagging.

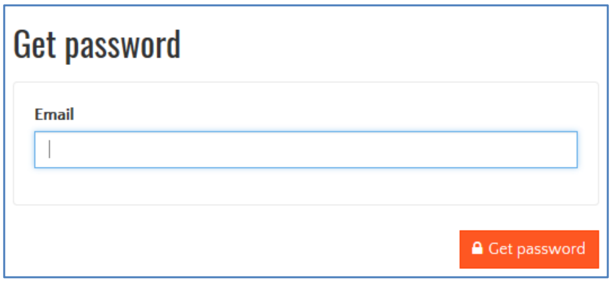
The functionality described is the functionality in **TRIMIT 2018 W1**
The pictures in this White Paper are based on the demo database for **TRIMIT 2018 W1** (based on Microsoft Dynamics NAV 2018) in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. from Microsoft Dynamics NAV 2018).

PIR DASHBOARD

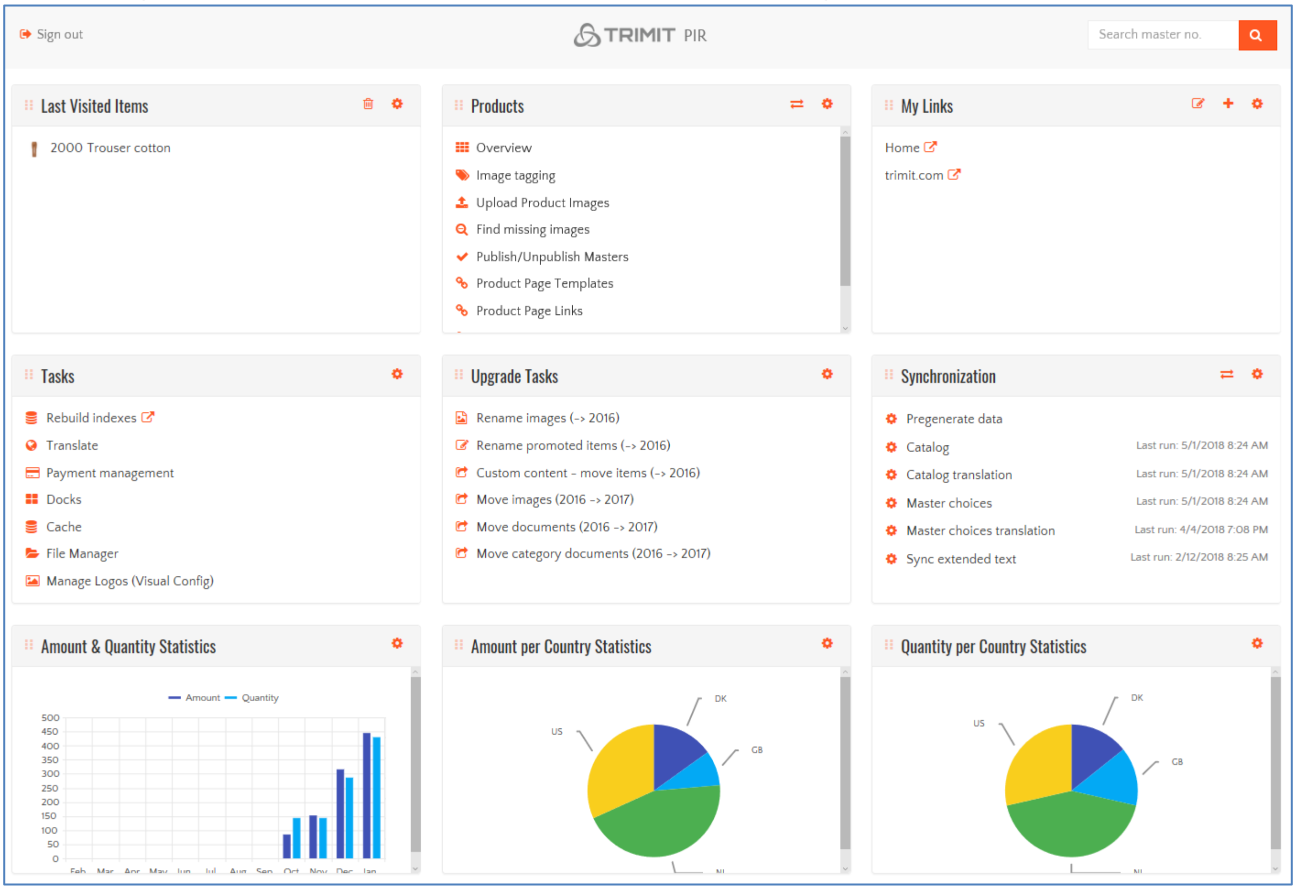
PIR can be accessed by portals admin and by content editor. The login page looks as follows:



Login page has a **Get password** option, next to **Login** button. If user is registered, then password will be sent after specifying the email address.



After the login was successful the user can see a dashboard consisting of several docks with tasks.

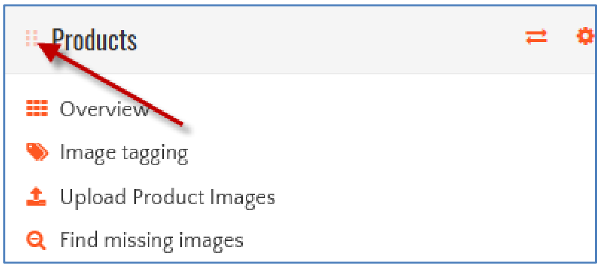


List of all docks on PIR dashboard page (visible and hidden by default):

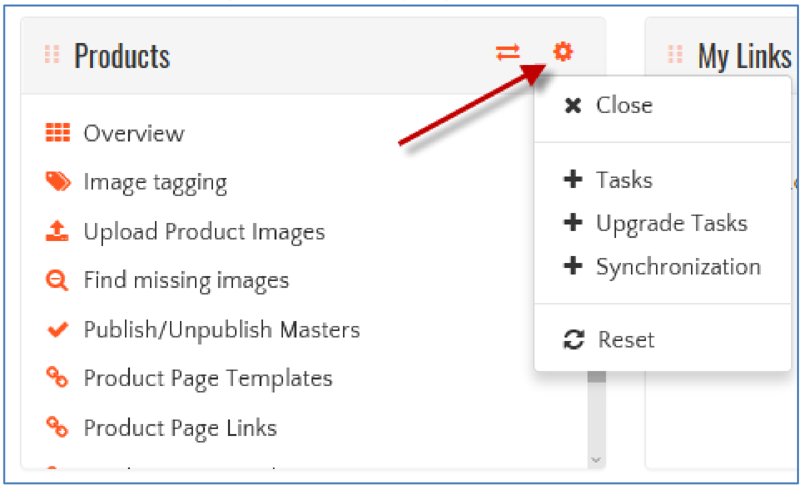
- **Last Visited Items**
- **Products**
- **My Links**
- **Tasks** (hidden by default)
- **Upgrade Tasks** (hidden by default)
- **Synchronization** (hidden by default)
- **Amount & Quantity Statistics**
- **Amount per Country Statistics**
- **Quantity per Country Statistics**

By clicking on a dock header, it is possible to fold and unfold the entire dock row or just current dock on small resolution screens.

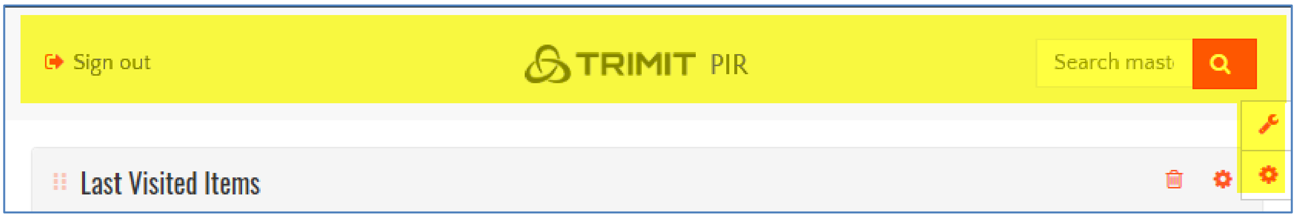
By clicking in the left corner of the dock and holding and dragging it is possible to rearrange the docks in the order you need.



Each dock has a cog icon in the top right corner.



Clicking this icon releases a drop-down menu with the following menu items:
Close – hiding the current dock from PIR dashboard
List of hidden docks – clicking on dock name will show the current dock on PIR dashboard
Reset – resets the PIR dashboard to default view by hiding additional and showing the default docks.
The PIR dashboard top bar has the following controls:



DESCRIPTION OF THE CONTROLS

TRIMIT PIR – PIR brand name, which value can be changed in a macro file (portals.xml). clicking on this icon leads to PIR front page with dashboard

Search master no. field – type master number in this field in order to open master admin page if this master number exists.

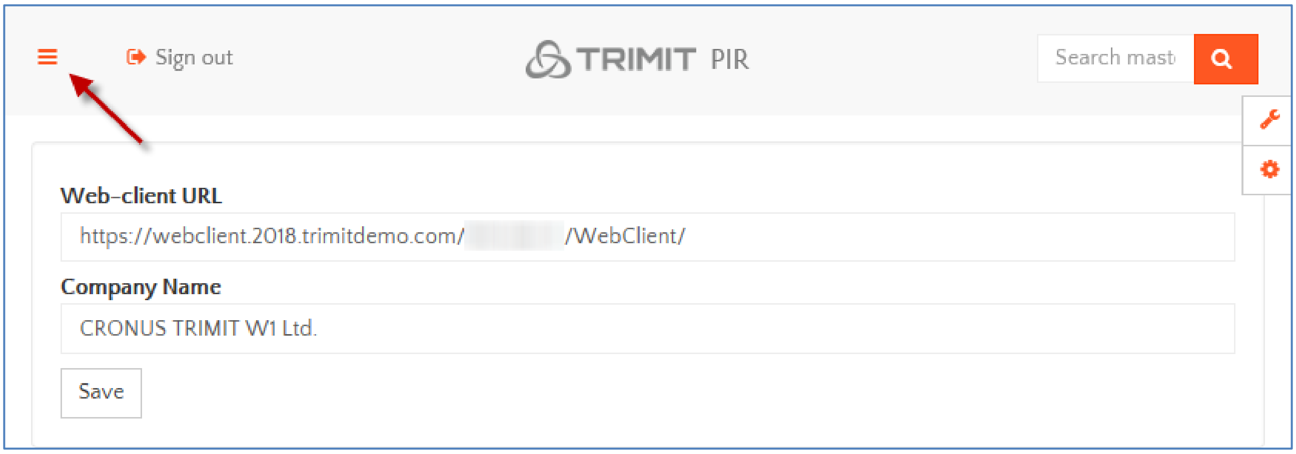
> **NOTE**
> Only a master number is searchable. I.e. searching by a flat item number will not give a result.
> Be aware that portals do not support items without related masters. That is a flat item should always have a master.

Admin mode – wrench icon on the right upper side, enables admin mode which is mostly used on other portals outside the PIR. Admin mode enables managing texts and images.

Setup – a cog icon on the right upper side, opens ***NAV Integration*** and ***Tags*** setup pages. There setup pages are described below.

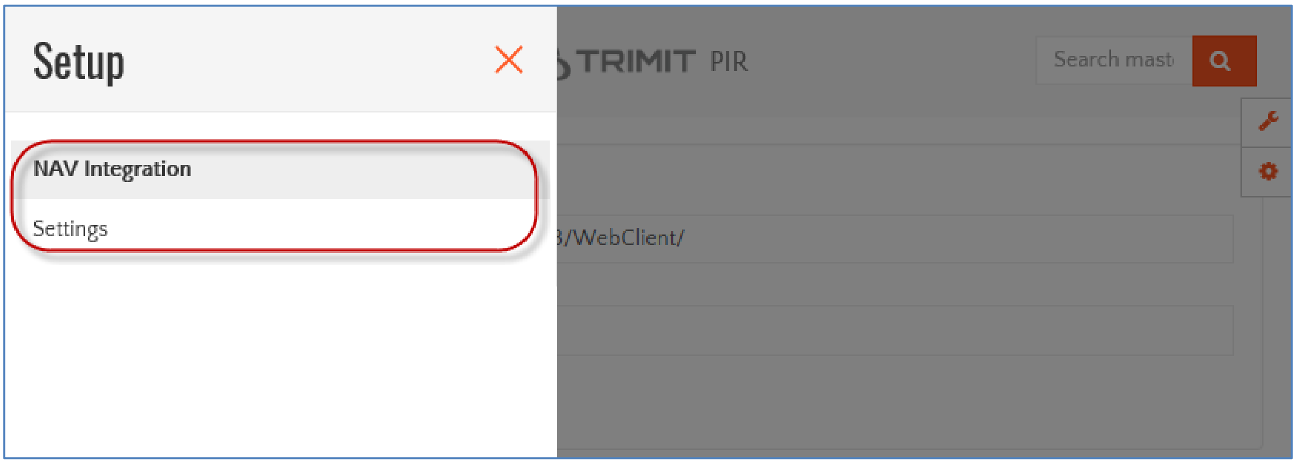
NAV INTEGRATION

Clicking the **Setup** button in the right upper corner of the PIR dashboard (cog icon) opens ***NAV integration*** page. This setup page contains fields ***Web-client URL*** and ***Company Name***. These fields should be filled in in case if NAV web-client is going to be used within the TRIMIT Portals or Webshops. Click **Save** when setup is finished.

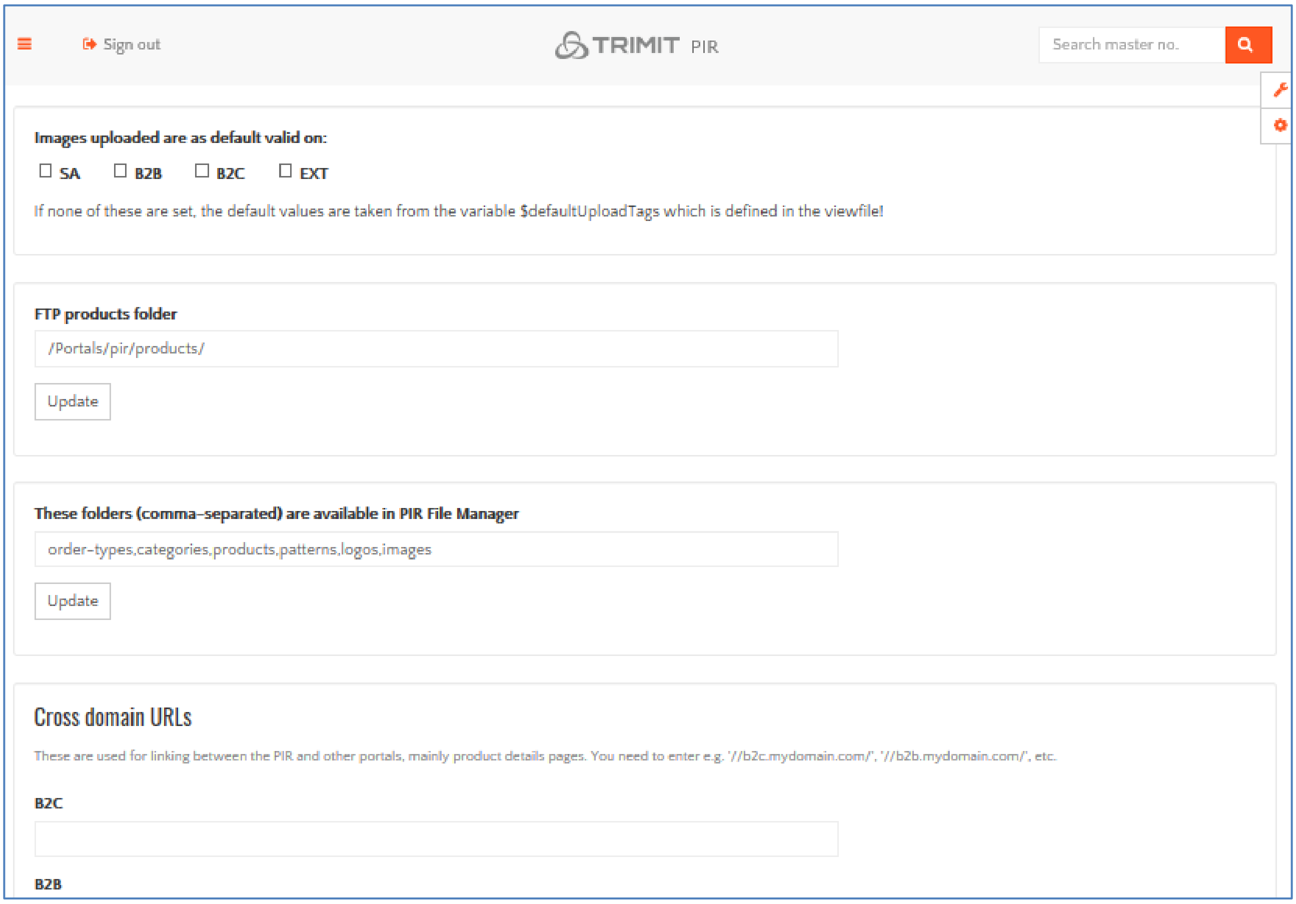


TAGS

Clicking Menu bottom (picture above) roles a side menu where it is possible to navigate to ***PIR Settings*** or back to ***PIR Integration***.



This setup page contains the following panels:
Images uploaded are as default valid on,
FTP products folder,
These folders (comma-separated) are available in PIR File Manager
Cross domain URLs.
These panels are described below.



IMAGES UPLOADED ARE AS DEFAULT VALID ON

Setting these check marks to *TRUE* will make the images uploaded via the FTP or from within ***PIR/Image Management*** to be tagged with portal tag specified. This in turn means that image will appear on the corresponding portal.

By default, the values are taken from the variable *$defaultUploadTags* which is defined in the view file in Modelyn. And the default values are set to *SA*, *B2B*, *B2C* and *EXT.*

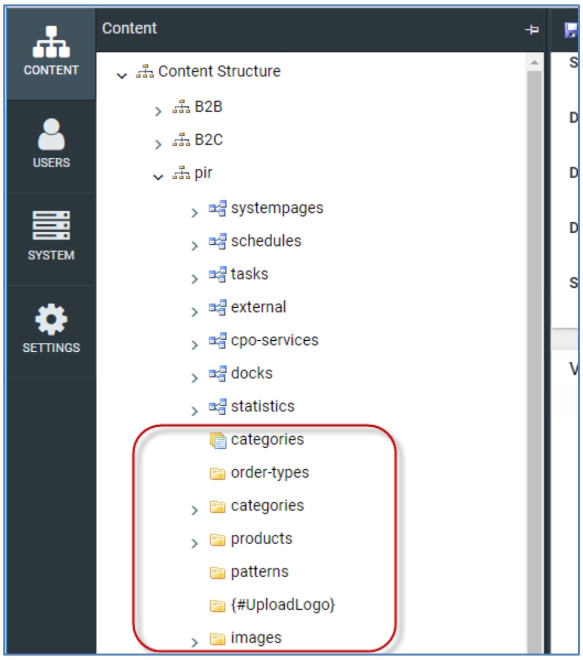
```
<!-- TagType for published/unpublished images -->
<zml:variable name="$tagTypePublished" value="published" />

<!-- Default published-tags on batch- and PIR-upload -->
<zml:variable name="$defaultUploadTags" value="SA,B2B,B2C,EXT" />

<!-- Fragment for custom variables -->
```

FTP PRODUCTS FOLDER

This field should be filled in with a path to products folder in Modelyn category structure, if product images are to be uploaded via the FTP protocol.

THESE FOLDERS (COMMA-SEPARATED) ARE AVAILABLE IN PIR FILE MANAGER

This field is not mandatory. The folders specified will be shown in the PIR File Manager (dock **Tasks** on PIR dashboard). The folder names should be taken from the Modelyn content structure under the PIR. I.e.



CROSS DOMAIN URLS

Should be filled in with corresponding portal URLs (in case if portal has a subdomain, e.g. b2c.portals.com). This cannot be preset by default because customers have different domain name setup. With cross domain URLs, it is possible to open PIR pages from other portals, e.g. open master PIR admin page from product details page; and the other way around.

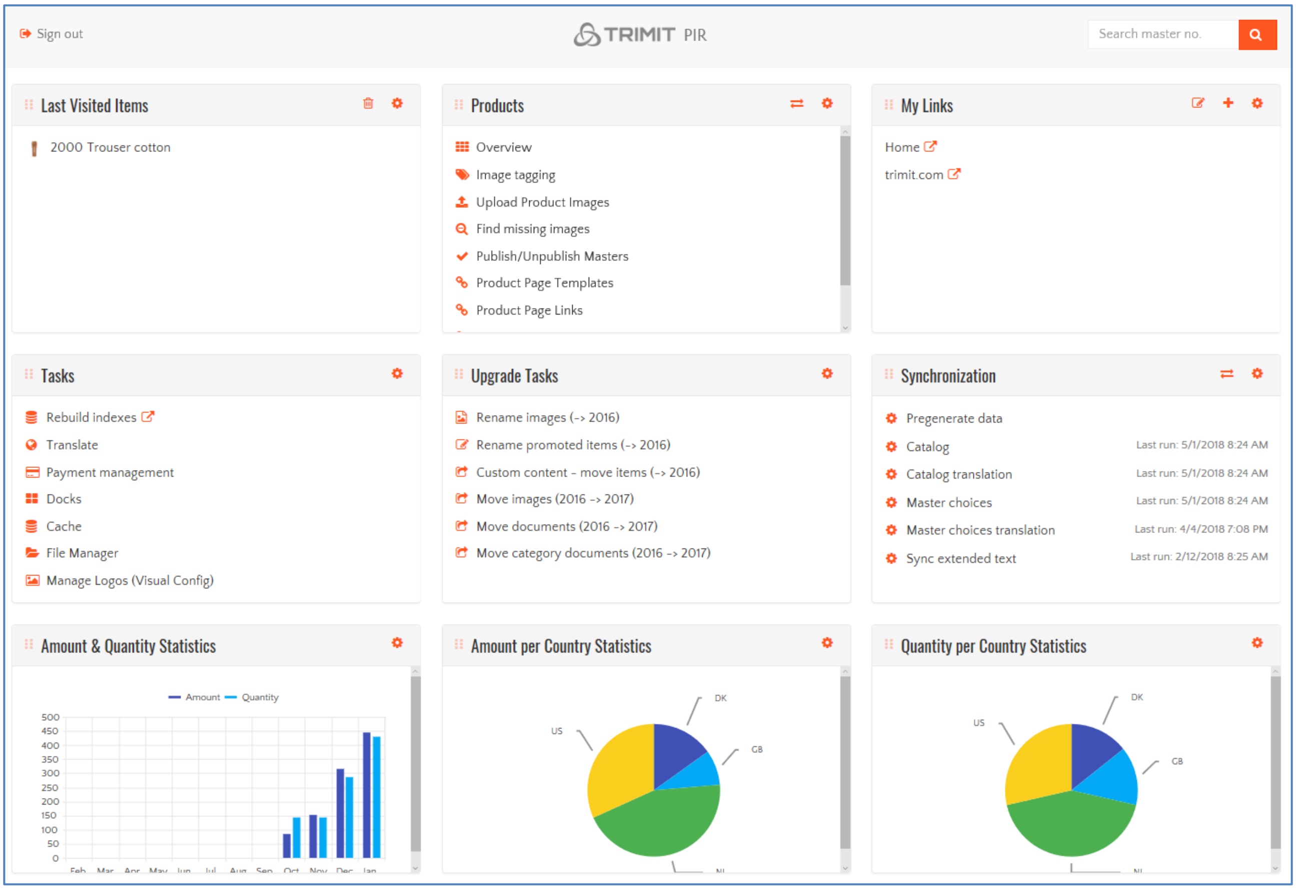
As soon as Cross Domain URLs can be filled in the new theme values will be added to Portals view file under ***Modelyn/System/Development/Views/Portals***.

```
<value id="B2cCrossDomainUrl">//b2c.your domain name</value>
<value id="B2bCrossDomainUrl" />
<value id="SaCrossDomainUrl" />
<value id="RepositoryCrossDomainUrl" />
```

In case of setting up the B2C webshop, it is required to setup cross domain URL for PIR in field **Repository** in ***Product Details*** area in B2C Soft admin.

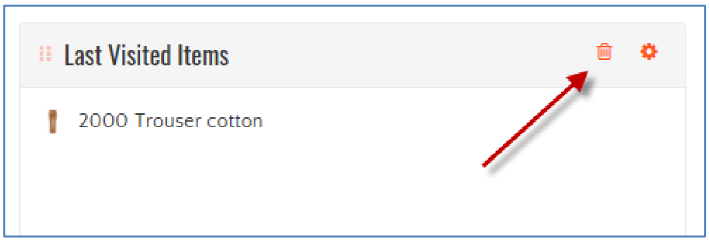
DESCRIPTION OF THE PIR DASHBOARD DOCKS

Here is a description of the docks on the PIR front page.



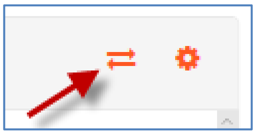
LAST VISITED ITEMS DOCK

This dock contains a list of items that have been found after searching in the **Search master no.** field on the top bar of the page. It is possible to clear the list by clicking on the ***Clear list*** icon in dock's header.
The list of last visited items is cleared after user's log out.

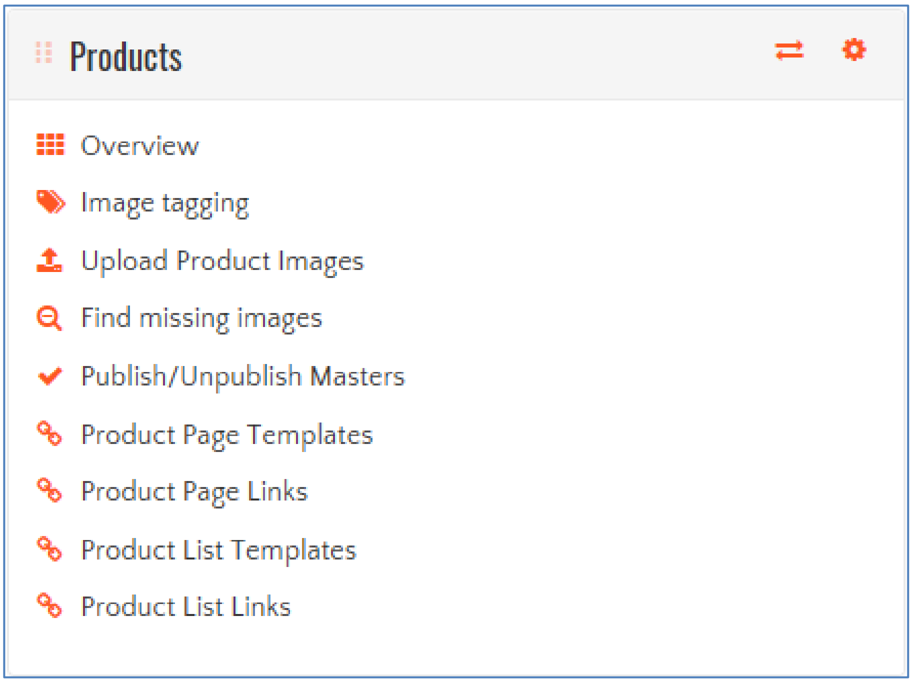


PRODUCTS DOCK

Synchronize icon in the top bar of the dock activates the following schedules on SA portal and B2B Webshop (the schedules will run in the background):
SAB2BPregenData,
SAB2BCatalogSync,
SAB2BCatalogTranslation,
SAB2BMasterChoicesSync,
SAB2BMasterChoicesTranslation
SAB2BExtendedTextSync.



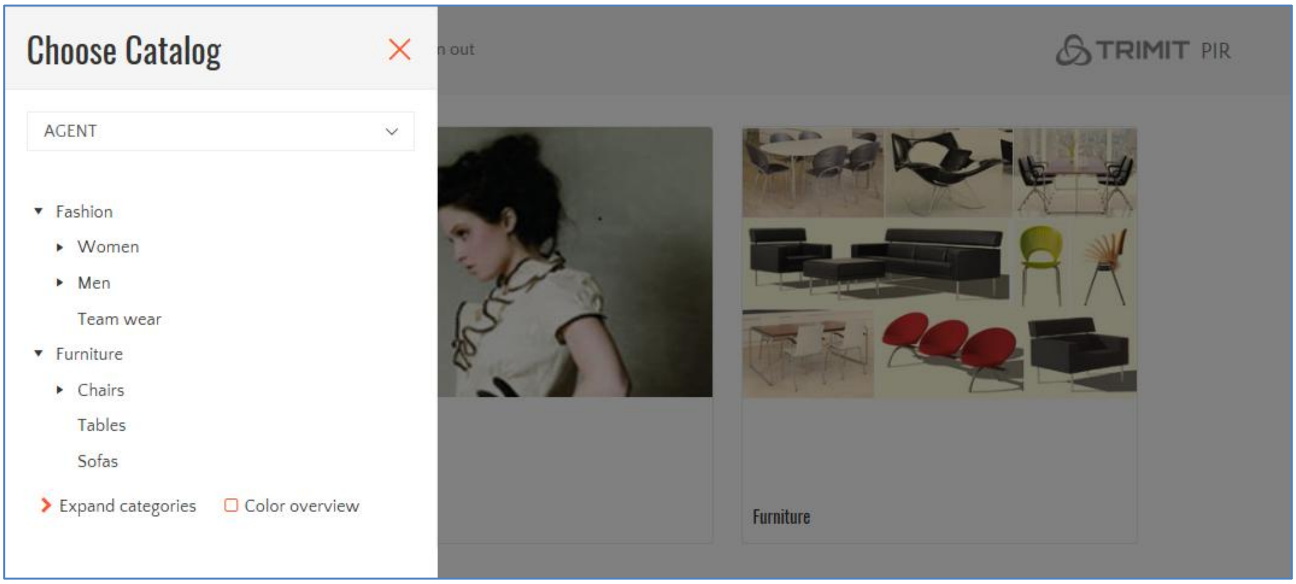
Below is a description of the actions in this dock



DESCRIPTION OF THE ACTIONS IN DOCK PRODUCTS

OVERVIEW

Opens product overview page. This page can display different category structures, depending on setup in TRIMIT. Then it is possible to navigate to products and open master admin pages (see master admin page description further in this document). The category structure can be selected in a drop-down field **Choose Catalog**.

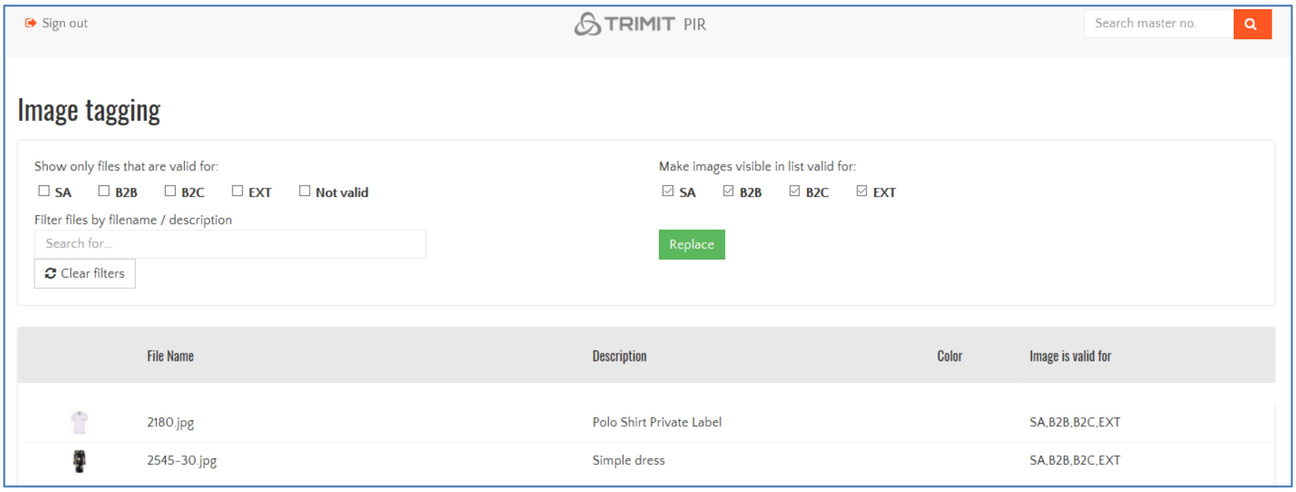


Choose Catalog field displays all the top categories, which are set on all portals profiles and on portals order types in TRIMIT.

When navigating to products level then clicking on product image opens master administration within the PIR whereas clicking an **Open master in NAV** (small window icon) opens master page in NAV web client. It is also possible to filter products by different variant types, e.g. color, size, length.

IMAGE TAGGING

Shows the list of all files (both image and non-image) which had been uploaded to PIR. Here it is possible to multi tag these files, so that they can be shown on specific portal(s).



DESCRIPTION OF THE IMAGE TAGGING CONTROLS

SHOW ONLY FILES THAT HAVE THESE TAGS

Clicking the check box automatically filters the files list by selected value(s)

FILTER FILES BY THE FILENAME / DESCRIPTION

Input files name or description to automatically filter the file list

MAKE IMAGE VISIBLE IN LIST VALID FOR

By setting the corresponding values to *TRUE* and clicking **Replace** the files in the list will be assigned corresponding tags. Clicking **Clear filters** removes all the filters in file list

DESCRIPTION OF THE COLUMNS

FILE NAME

The name of the file

DECRIPTION

Product description (NAV product description). Non-image files will not have product description by default

COLOR

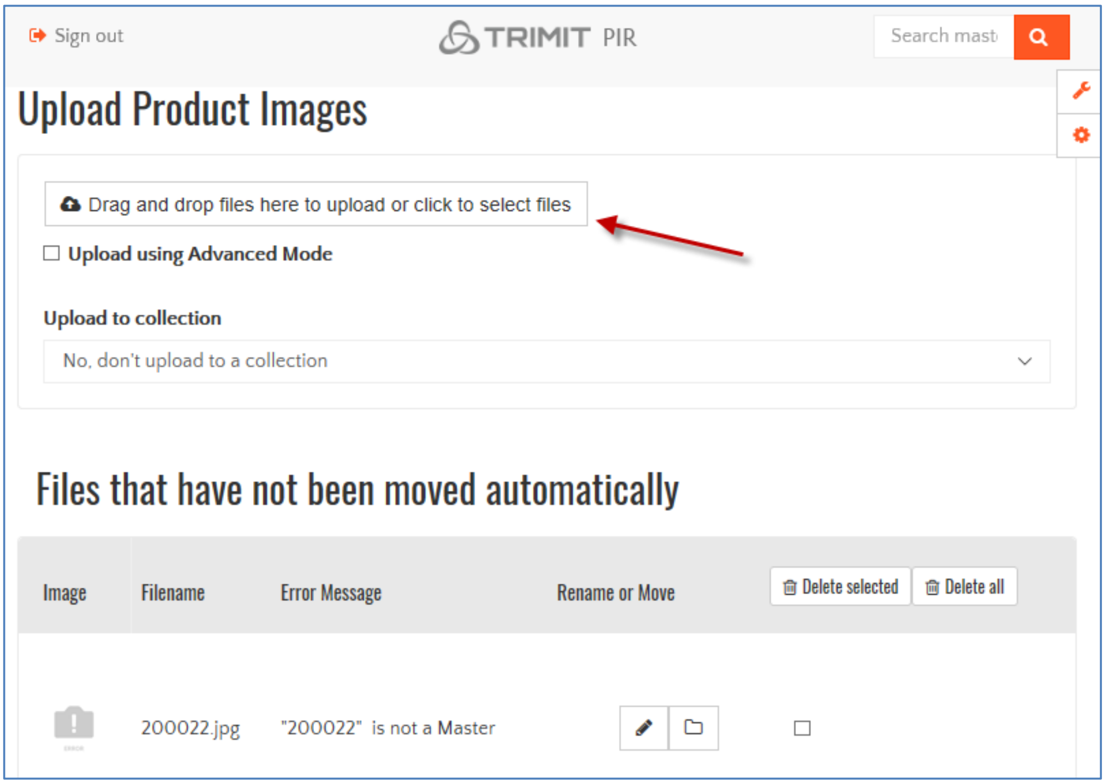
Product color image represents. Not for non-image files

IMAGE IS VALID FOR

Portal tags assigned to file

NOTE: ***Image tagging*** page can contain several pages on files (there should be paging control in the bottom of the page). Applying tagging will affect only images on the current page. In order to apply tags to all files on ***Image tagging*** page – it is needed to select show all images. For this select "all" under *Files per page area* in the bottom of the ***Image tagging*** page.

UPLOAD PRODUCT IMAGES



On this page, it is possible to upload product images (only images) with a size up to 20 MB. It is possible to drag and drop image files or click button **Drag and drop file here to upload or click to select files** and select file(s).

NOTE:
As a general rule – all the portal images should be uploaded whether using portal (product details page, PIR) or using FTP/batch upload to ***WebContent/pir/products*** in Modelyn. In this way images will be tagged in accordance with setting under ***PIR/Setup/Settings/Images uploaded are as default valid on***. Also, in this way, all image files will be renamed to .jpg disregarding files original extension.

Read more about the FTP upload in Appendix section.

Please note that Portals do not support .webp files as Modelyn cannot decode them and some browsers do not support it.

Running product synchronization with help of schedules creates product folders under PIR in Modelyn content structure. These folders have the same names as products. That is why it is important that image files adhere the same file naming convention. When batch uploading, the images will be placed in to the product folders with matching names (product numbers). If product folders cannot be found then image will be placed in the list below, in *Files that have not been moved automatically* (picture above). Below is a description of the fields for *Files that have not been moved automatically* list.

DESCRIPTION OF THE COLUMNS

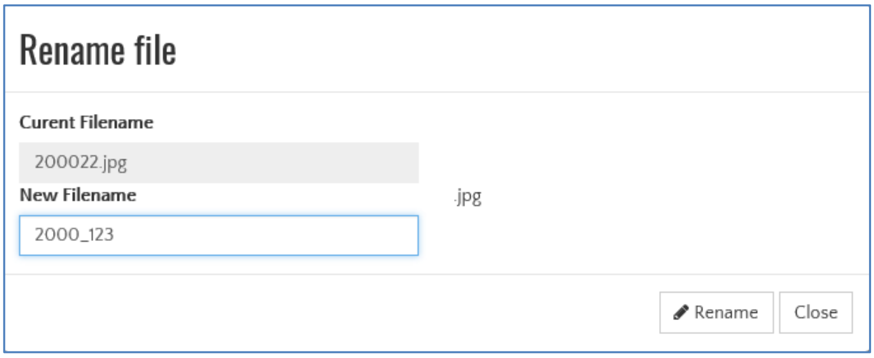
IMAGE
Here the image is shown

FILENAME
The name of the image file

ERROR MESSAGE
The error that occurred

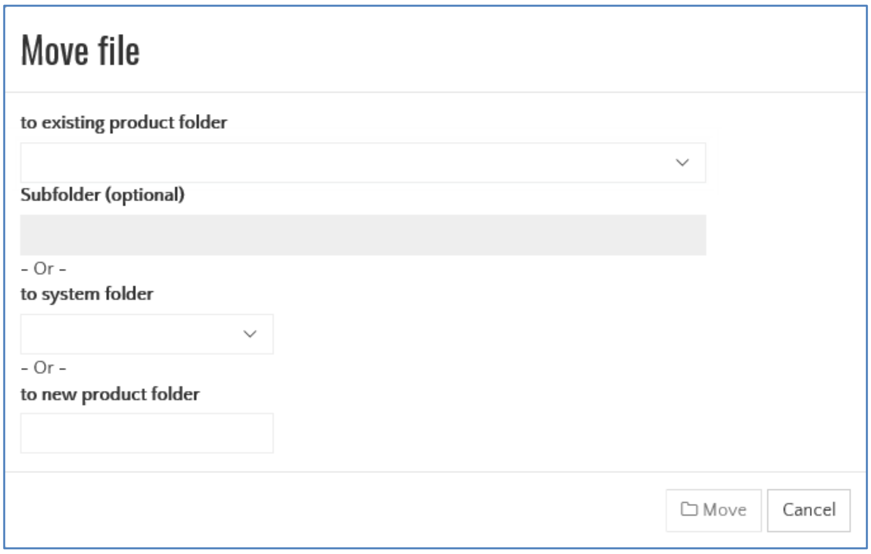
RENAME OR MOVE
Available options: *Rename file* and *Move file.*

Rename file – allows renaming image to correct file name format. If new file name matches with product folder name, then the new image file will be placed into the folder and will be moved from the list below.



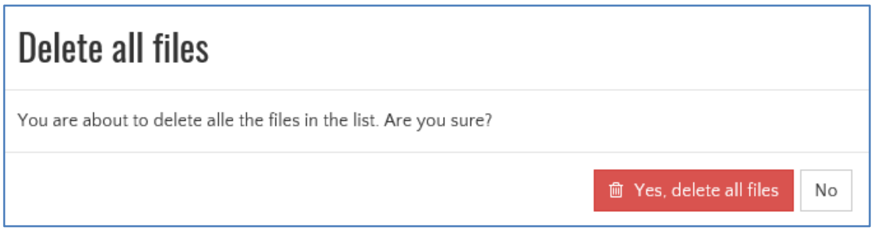
If new file name still will not match the product folder name, then it will stay in the list below.

Move file – allows moving image to existing product folder (select in a drop down), to subfolder, to system folder under ***pir/*** (choices are *patterns, order-types, categories* and *images*), or create a new product folder under ***pir/***:

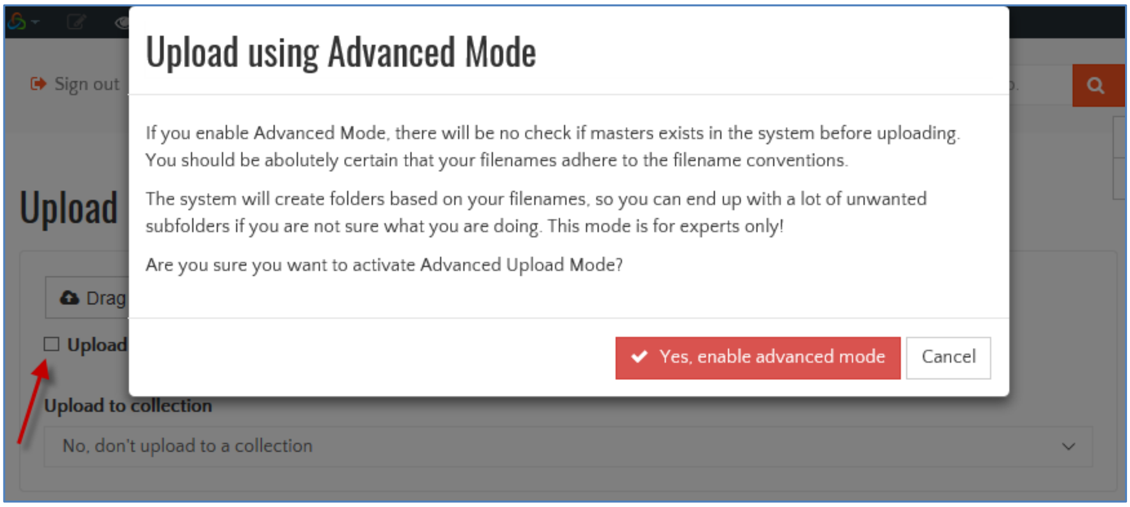


DELETE SELECTED AND DELETE ALL

Delete selected – allows deleting selected image
Delete all – deletes all images without selection:



It is also possible to upload images in advanced mode. This means that under the image upload, there will be created corresponding product folders under ***pir/*** in Modelyn content structure. That is why it is important that image names strictly follow the image naming convention.
There will be a warning message when activating the advanced mode:



After clicking **Yes, enable advanced mode** the check box ***Upload using Advanced Mode*** will be checked. Now it is possible to upload images as during the normal upload. If image starts with or holds only the special characters e.g. “-“ or “_” then these images will be detected and placed in the list below.

During the image upload the tags are set as it is specified in ***/pir/admin/settings.html***. If there are no tags set in Settings, then tags are set to all portals. If images do not exist in master data but have been added to a new custom folder under ***pir/products***, then tags will be set to that image.

UPLOAD TO COLLECTION

Here it is possible to select a collection to upload images to. The drop down includes all the collections from TRIMIT which are no older then 2 years. If item e.g. in a collection, then if this collection is set under category the collection specific images will be applied when needed. But when a master is in the collection, but is set on the category by itself, then only master image will be shown on portal and collection image will not be applied.

NOTE:
On product page, B2C: clicking the color dropper, opens master images page in PIR with the exact image used for the colored dot. Even if it is in a collection. And even if it is a collection, but it uses non-collection images, because no image is uploaded to collection.
Collection image may not work on a look, when user types the master number manually – in this case system does not know which subcategory and thus collection is used.

Image using priority – if collection is set on category structure and item within the collection has its own image in PIR then this image will be used on portal (main image, color images). If there is no collection image in PIR then "no collection" image from PIR will be shown. If there is no PIR image, then NAV image will be shown on SA and B2B portals.

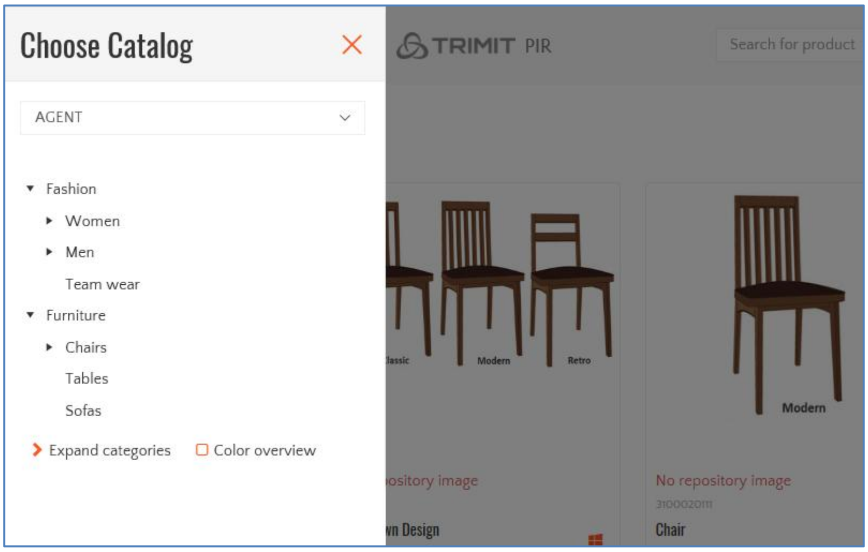
NOTE:
Uploading Category image should be done from portals front end, in this case the system replaces eventual spaces in a file name with "-" (system cannot process spaces in a file name). If category image will be

uploaded to the Modelyn admin directly – the space in category name will not be replaced by "-" and thus image will not be shown on the portal.

Important: remember to set **Use Collections?** = *TRUE* in soft admin section ***Performance***.

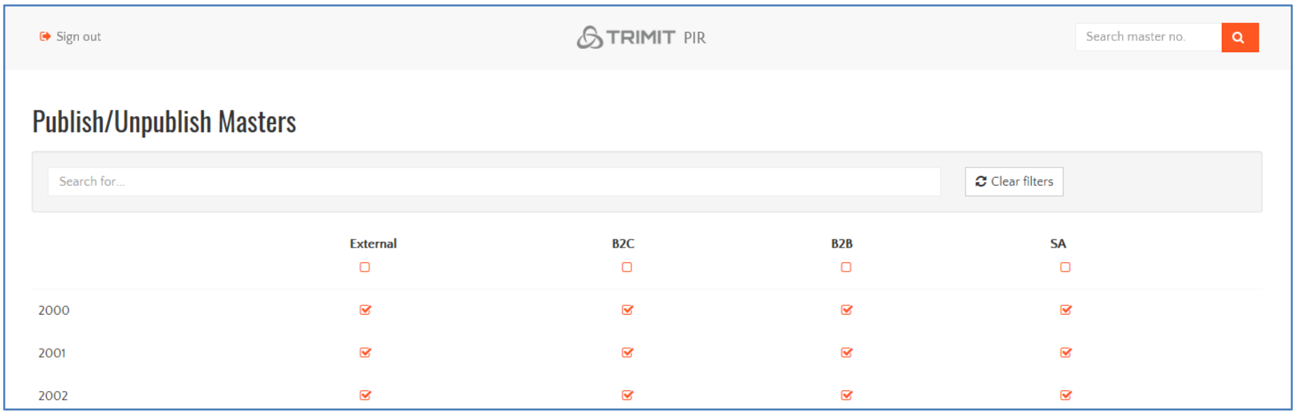
FIND MISSING IMAGES

Shows the products without images uploaded to PIR. This can be products without any image or with only NAV images. The overview can be filtered by catalog. As soon as product image is uploaded with the right naming convention – the missing image overview will be updated.



PUBLISH/UNPUBLISH MASTERS

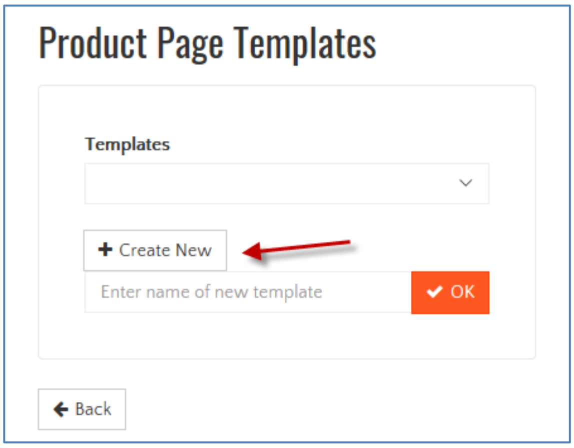
Clicking this link will open the overview of all products synchronized with TRIMIT. Here it is possible to multi publish products for specific portals or for external systems.



It is possible to search for a master number in a **Search** field. The search is done dynamically, i.e. no need to click **Search** button. **Clear filters** button removes the text from search field. Publishing/unpublishing is done automatically on putting/removing the check mark.

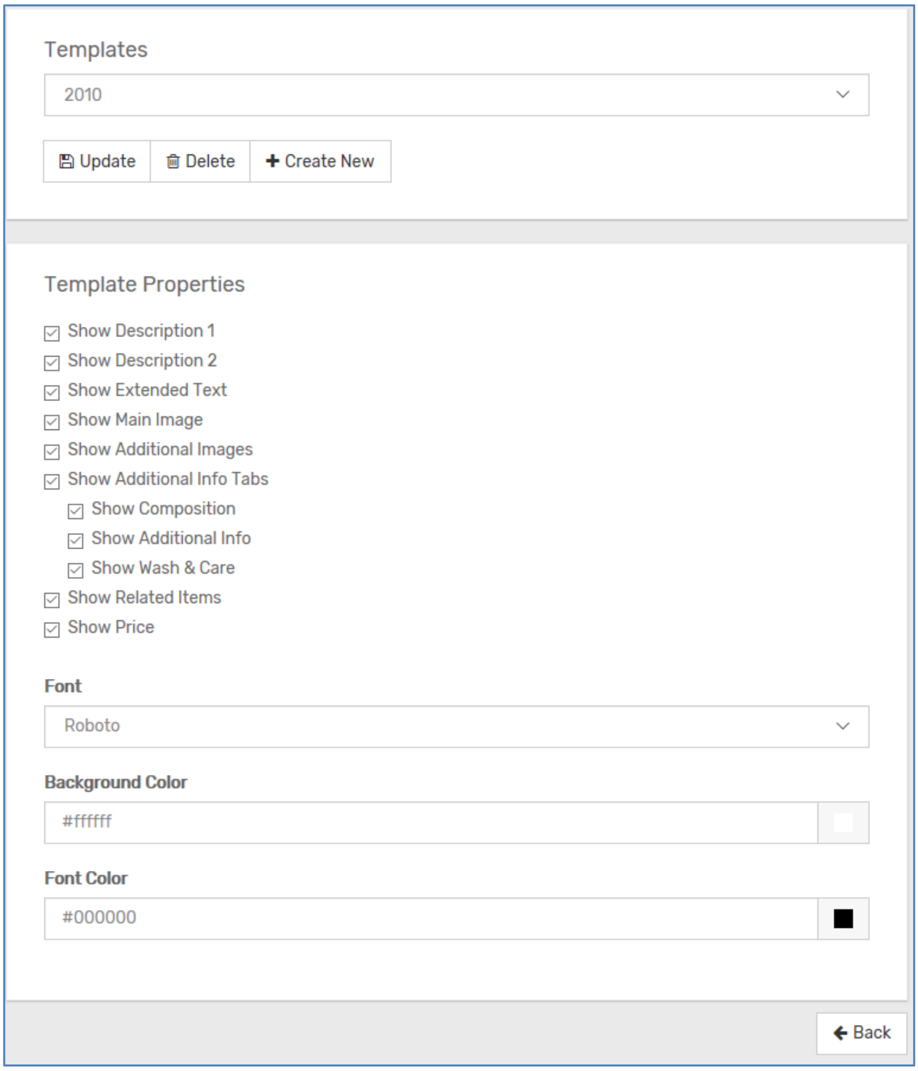
PRODUCT PAGE TEMPLATES

Gives possibility to build product display page for external systems, e.g. partner web shops etc. After clicking **Product Page Templates,** the new page is shown. Here it is possible to select a page template (from a drop-down field) or create a new template. Clicking **Back** leads to PIR dashboard page.



After clicking **Create New** a new field is shown – here it is needed to enter a template name. To create new template, click **OK**. After template is created it is possible to select this template from **Templates** drop down field.

After clicking **OK** a template configuration page is shown. Here is it possible to update template by clicking **Update**; delete template by clicking **Delete** and create a new template by clicking **Create New**.



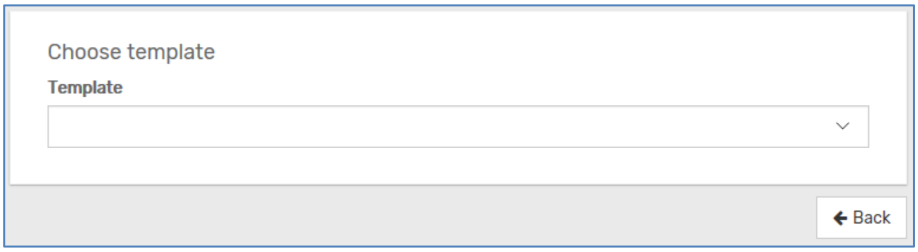
On ***Template Properties*** section, it is possible to select or deselect product properties that will be reflected on an external product page. These are:

- *Show Description 1*
- *Show Description 2*
- *Show Extended Text*
- *Show Main Image*
- *Show Additional Images*
- *Show Additional Info Tabs*
- *Show Composition*
- *Show Additional Info*
- *Show Wash & Care*
- *Show Related Items*
- *Show Price*

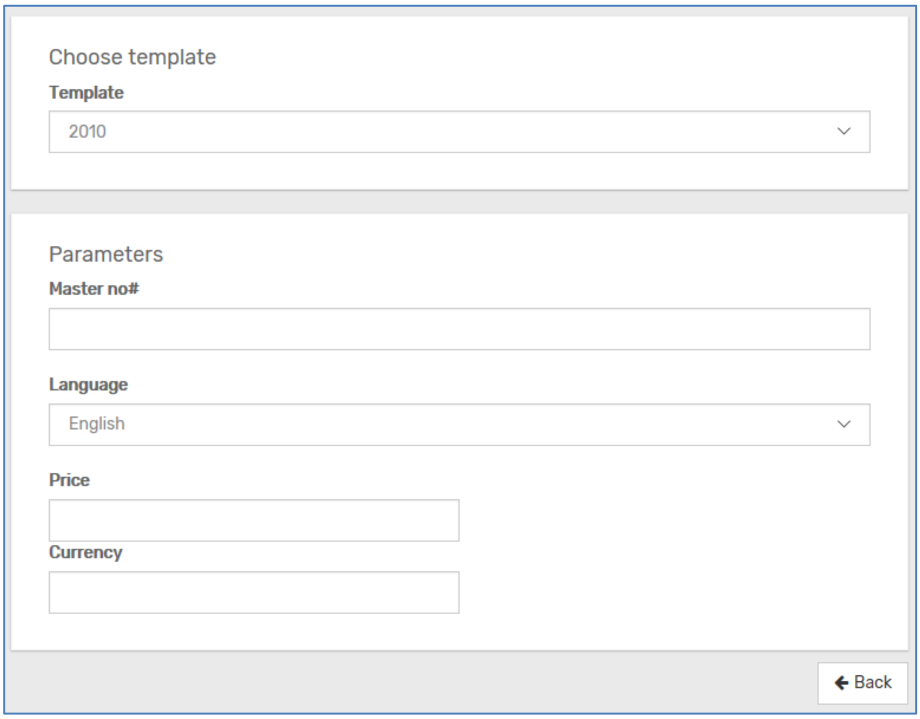
It is also possible to specify font, background color and font color for the external page.
When changes are done, it is required to press **Update**.

PRODUCT PAGE LINKS

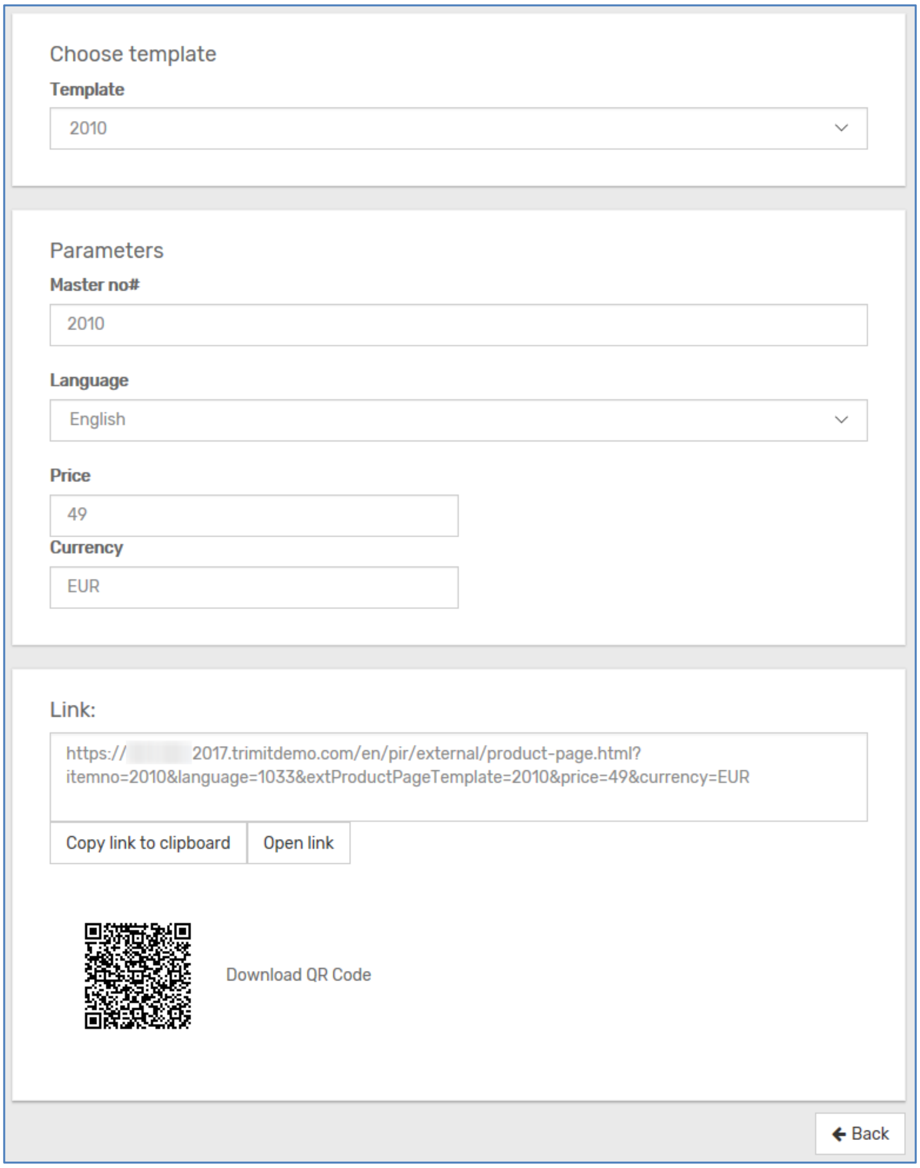
When product page template is created, it is needed to create a link to this template. Clicking **Product Page Links** opens a product page link builder. Here it is necessary to select a page template first.



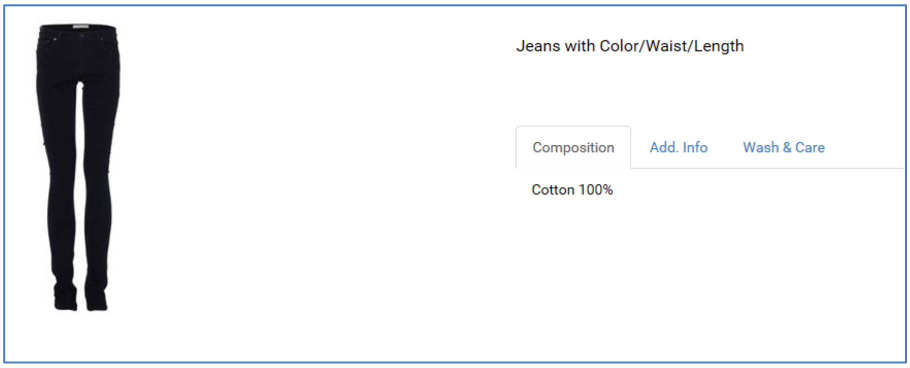
After a page template is selected, section ***Parameters*** will appear. Here it is needed to specify a master, for which the data will be displayed on the template page. It is also possible to specify a language (which is activated in Modelyn) and specify price and a currency in case if ***Show Price*** was selected to be shown on product page template.



After a master number is specified, a new section with a link to a product page will appear. Here it is possible to copy link to clipboard, open link in a new tab or download QR code of the product page.



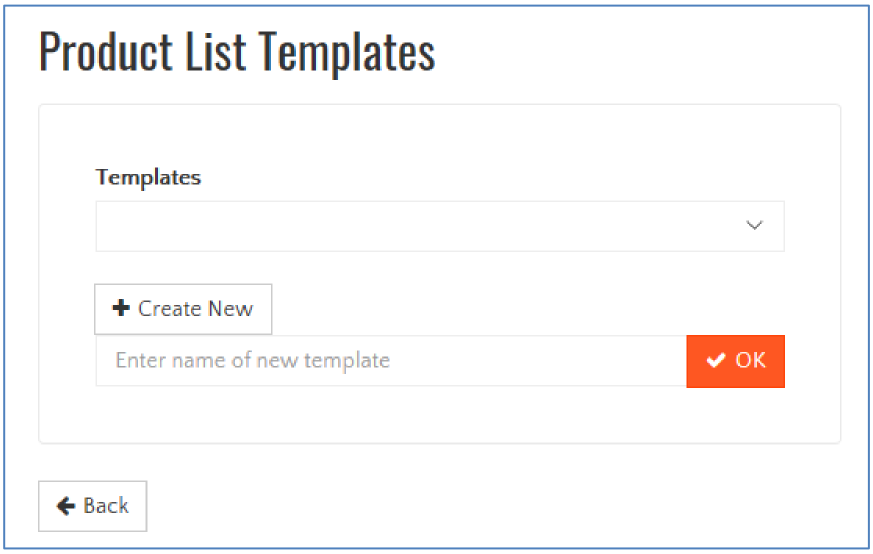
Clicking **Open link** opens external product page:



NOTE:
In eventual accessories and also bought products only master items are supported (clickable). Flat items are not supported.

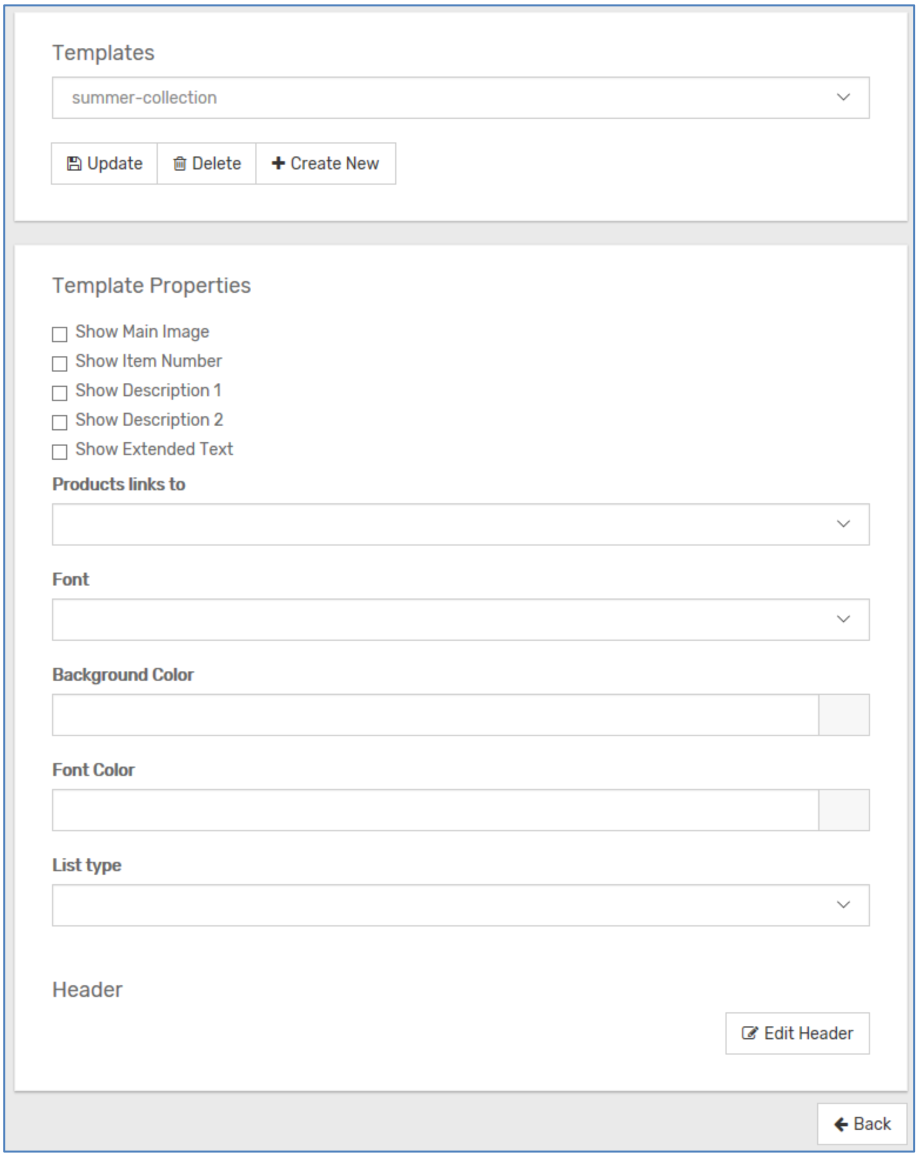
PRODUCT LIST TEMPLATES

Gives possibility to build product list page for external systems, e.g. partner web shops etc. After clicking **Product List Templates** the new page is shown. Here it is possible to select a page template (from a drop-down field) or create a new template. Clicking **Back** leads to PIR dashboard page.



After clicking **Create New** a new field is shown – here it is needed to enter a template name. To create new template, click **OK**. After template is created it is possible to select this template from **Templates** drop down field.

After clicking **OK** a template configuration page is shown. Here is it possible to update template by clicking **Update**; delete template by clicking **Delete** and create a new template by clicking **Create New**.



On ***Template Properties*** section, it is possible to select or deselect product properties that will be reflected on an external product page. There are:

- *Show Main Image*
- *Show Item Number*
- *Show Description 1*
- *Show Description 2*
- *Show Extended Text*

Drop down field **Products links to** has two options: *B2C product page* (product details page will be opened in TRIMIT B2C Webshop) and *External Product Page* (product details page will be opened as external product page).

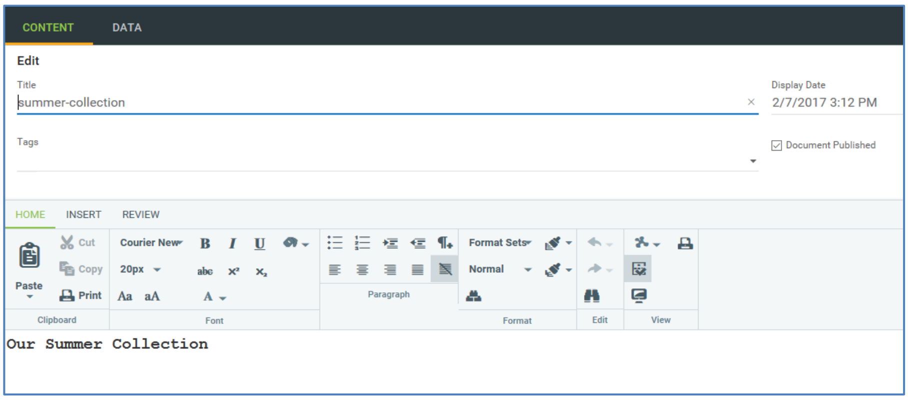
If *External Product Page* option was selected, then a new drop-down field **External Product Page Template** will appear. Here it is needed to select among the existing product page templates.

> **NOTE:**
> If B2C Webshop is not installed, then select *External Product Page* option

It is also possible to specify font, background color and font color for the external page.
When changes are done, it is required to press **Update**.

Drop down field **List type** contains the following options: *Catalog Entry*, *Commaseparated String* (not implemented) and *Wishlist* (not implemented). Selecting *Catalog Entry* enables selecting available category structures for displaying product list (this can be done in ***Product List Links***, on PIR dashboard).

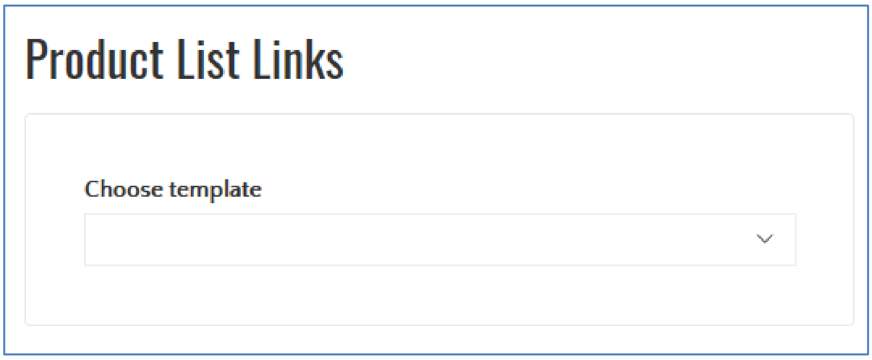
It is also possible to make a customized header for the product list. Clicking **Edit Header** redirects to HTML editor. This though requires admin access.



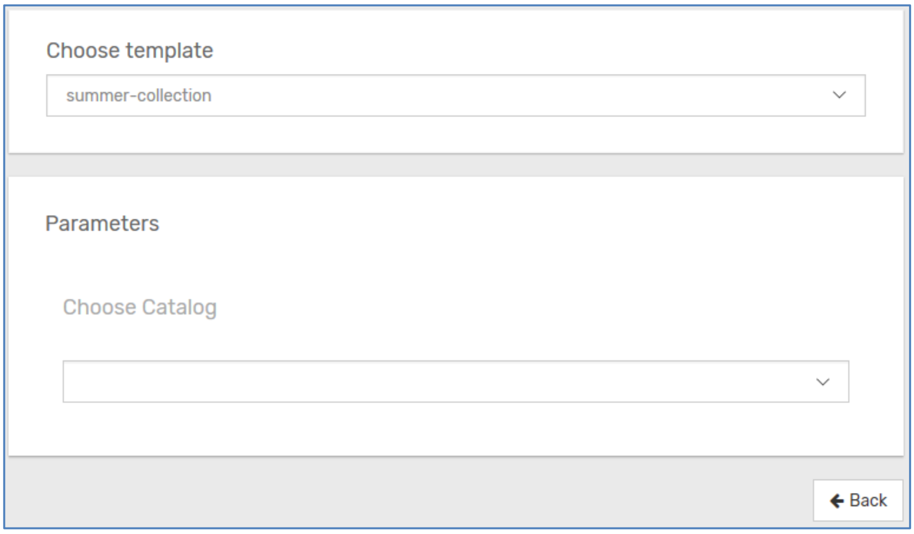
When all the configuration is done click **Update** to save the changes.

PRODUCT LIST LINKS

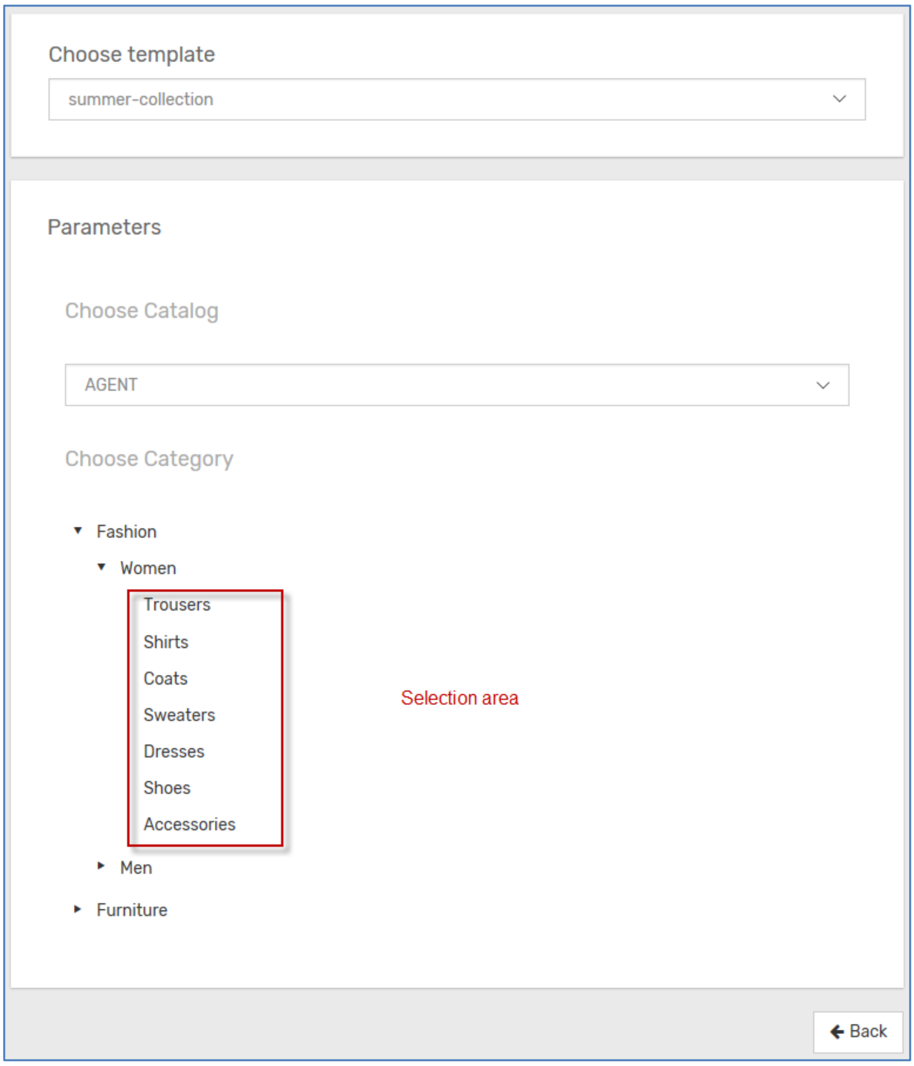
Select product list template.



When template is selected, then it is required to choose catalog in ***Parameters*** section. This catalog will be used to display product list.

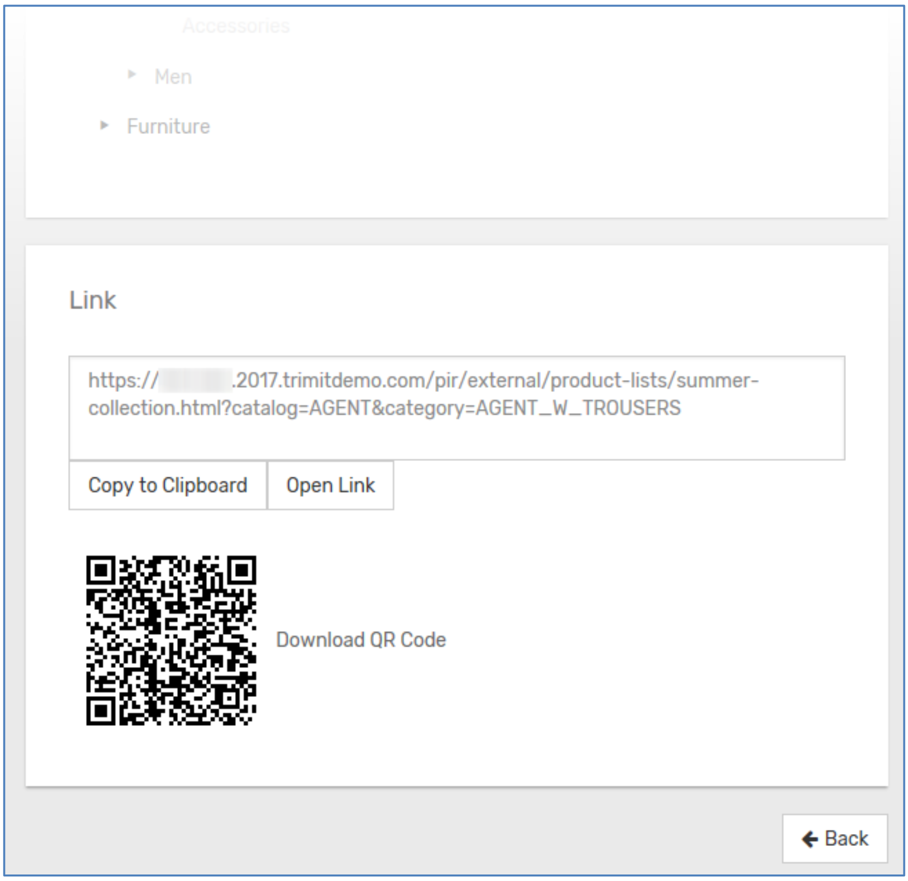


Then select a category structure to be displayed as a product list:

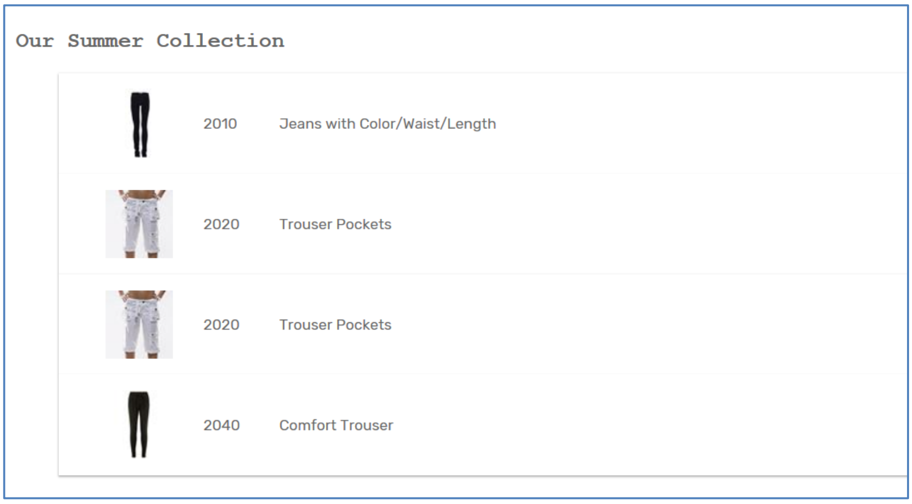


Here a child category should be selected. Selecting parent categories is not supported. After selecting a category there will displayed a ***Link*** section, where it is possible to copy link to clipboard by clicking **Copy to**

clipboard, open link to product list in another tab by clicking **Open Link** and download QR code by clicking **Download QR Code**.

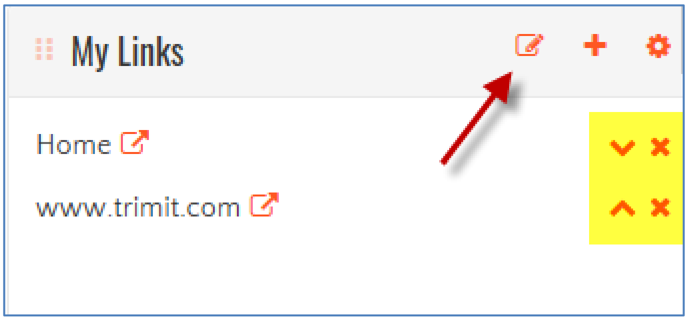


After clicking **Open Link** a product structure will be opened in a new tab. Clicking on products in the list will open a product details page in B2C Webshop.



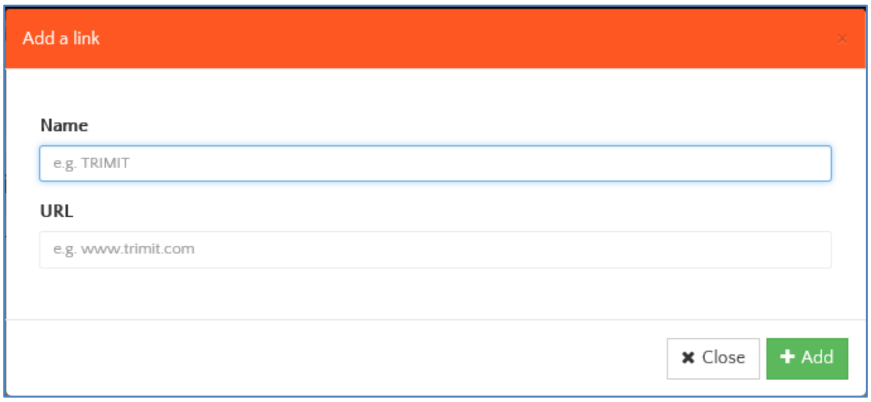
MY LINKS DOCK

This dock allows creation and displaying different web links.



Toggle action buttons icon on the top bar of the dock enables move up/down and delete action buttons.

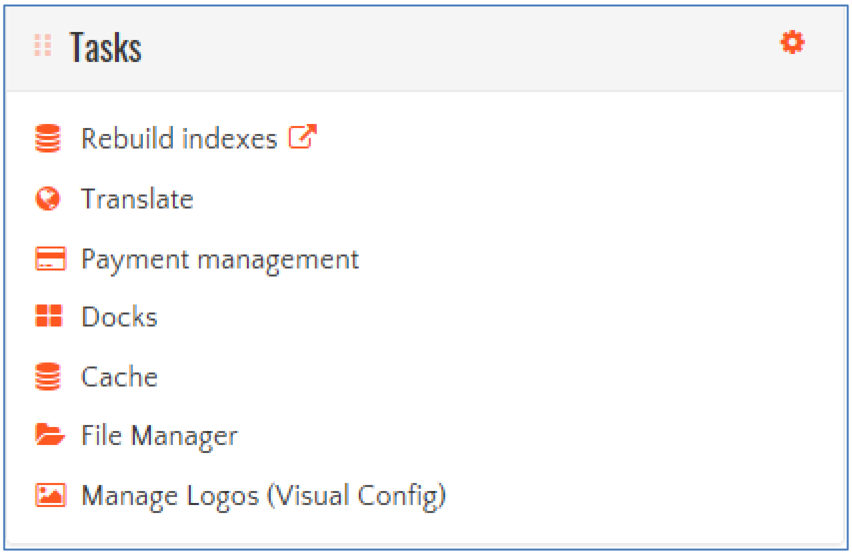
Add a link (plus icon, next to ***Toggle action buttons***) opens ***Add A Link*** pop up window, where it is possible to specify name and URL for the link and click **Add** to save:



When link is created, it is possible to click on the link itself, then new page will be opened in the same window. When clicking on a small icon with arrow, next to link – link will be opened in a new tab.

TASKS DOCK

This dock contains a variety of tasks related to a general setup.



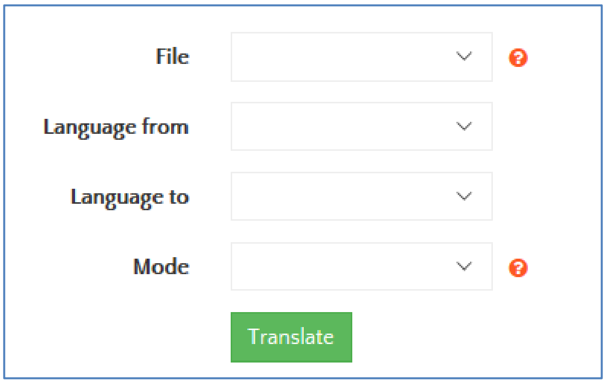
DESCRIPTION OF THE TASKS DOCK ACTIONS

REBUILD INDEXES

Clicking this action activates the Index rebuild schedule. This schedule rebuilds indexes in a number of Modelyn tables. This is done to increase the performance within the Modelyn. For more information refer to ***White Paper - TRIMIT Portals Schedules***.

TRANSLATE

Opens translate page. This is made for translators or admins. They can choose how to set up the system to handle the translation files, because the main translation file is stored in system folder (***CpoAdmin/Resources/Macros***).



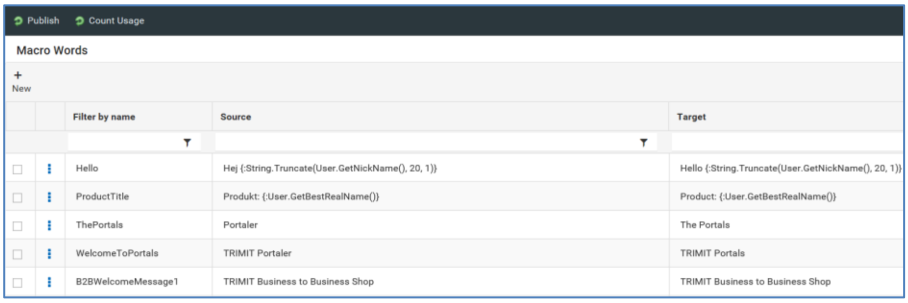
The page has the following fields:
File – has two options *Portals* and *B2C*. This is a source macro file, *Portals* is used for SA and Supplier Portals and B2B Webshop; whereas *B2C* is used for B2C Webshop translations.
Language from – contains languages, which are activated in Modelyn
Language to – contains languages, which are activated in Modelyn
Mode – has options *Merge*, *System* and *Custom*. Determines what admin or translator can do with the translation file. The description of the options is below.

Merge - selecting this option and clicking **Translate** will open a table with source and target languages. By populating the target language column and saving - this will create a new translation file in ***CustomPrivate/Macros/***. Then, during the presentation on portal both files are merged at runtime.

System – selecting this mode will overwrite the system translation file. Then, during the portals upgrade procedure this system translation file will be overwritten, and all the changes will be lost. So, it is not recommended to use this mode unless you are an advanced user.

Custom – when using this mode, it is necessary to copy the system translation file from ***CpoAdmin/Resources/Macros*** to ***CustomPrivate/Macros/.*** In this case, when creating a new translation - it will be added to this copied file.

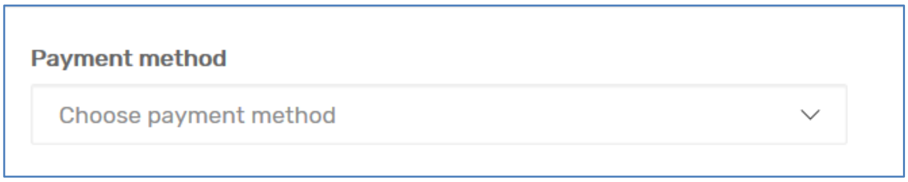
For customer translations, we recommend using *Merge* mode.
When all the fields are filled in, click **Translate**. A new page will display Macro words. Double clicking on the row will open it in edit mode.



PAYMENT MANAGEMENT

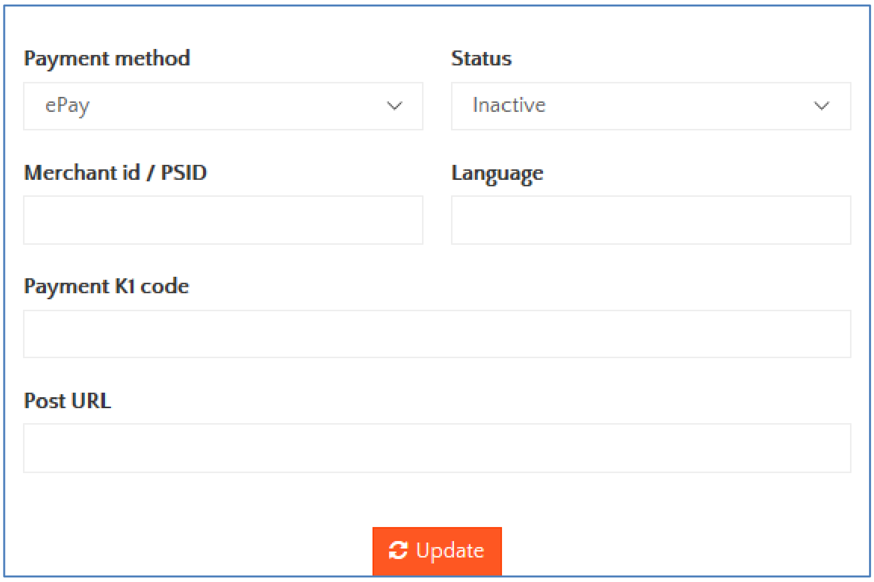
Activating a payment method in PIR will have effect on all portals where payment is available, i.e. B2B and B2C Webshops.

Clicking ***Payment management*** action in dock **Tasks** opens a payment management page.



In the **Payment method** field, it is possible to select predefined payment methods / providers. Available options are as follows: *DIBS*, *ePay*, *Altapay*, *Ingenico*, *Simulation and Klarna*. Each payment provider has a required set of parameters that have to be specified.
Simulation option is a preset payment method used for testing.

When any payment method is selected, a new field **Status** appears. The options are *Inactive*, *Test* and *Live.*
If *Inactive* is selected, then the payment method will not be shown on payment page.
If *Test* is selected, then the payment method will work in test mode.
If *Live* is selected, then the payment method will work in real live mode.
All the settings have to be made in correspondence with actual payment provider backend.

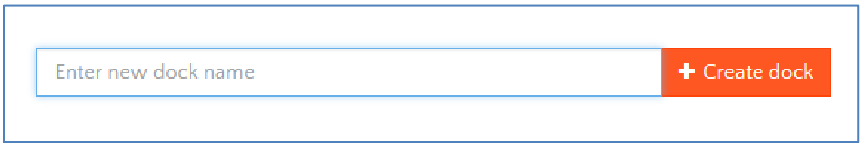


NOTE:
Post URL field can be filled in as follows (the URL though might change and should be checked with payment provider):
DIBS: https://payment.architrade.com/paymentweb/start.action
ePay: https://ssl.ditonlinebetalingssystem.dk/integration/ewindow/paymentwindow.js
When the setup is finished click **Update**.

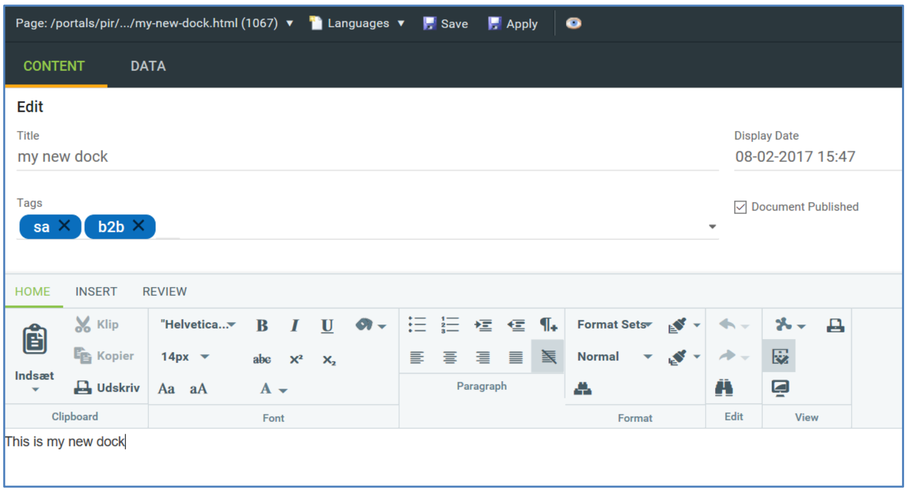
NOTE: Be sure to change the payment **Status** from ***Test*** to ***Live*** when the portal test phase is finished, otherwise the payments will not go through on the live site.

DOCKS

It is possible to customize dashboards on B2B Webshop, SA and SUP Portals by adding new docks.
This area will require admin access. Here it is possible to add new dock by typing dock name and clicking **Create dock**.

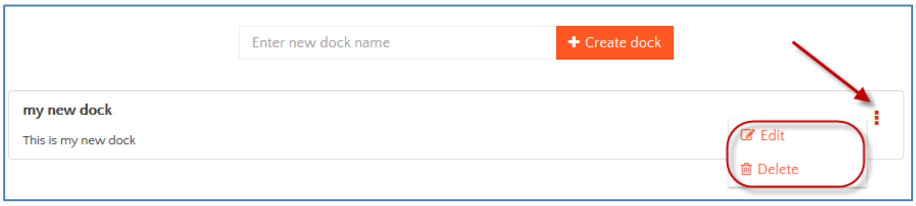


After clicking **Create dock** there will be opened an HTML editor. Here it is possible to insert or modify a content of the dock. All the functionality here is common to TRIMIT HTML editor. Among other, we can emphasize using tagging for docks. Tags can specify on which portal, docks can be shown and for which users. If no tags are set the dock will not be shown at all.



Here is a list of available tags:
SA (general for all sales agents on Sales Agent portal dashboard);
SA-<*customer number*> (for specific customer in Sales Agent portal, e.g. “SA-2000”);
B2B (general for all customers on B2B Webshop dashboard);
B2B-<*customer number*> (for specific customer in B2B Webshop, e.g. “B2B-2000”);
B2S (general for all suppliers on B2S portal dashboard);
REP (for PIR docks).

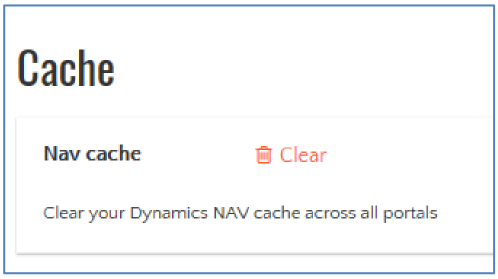
It is also possible to edit and delete dock:



NOTE:
Since My Links dock can contain only web links then it is possible to add a link to FTP by creating a new dock and making a link to e.g. a document on the FTP server. To create a link in HTML editor - select Insert tab and use a Link control. Remember to set portal tag. Read more in appendix.

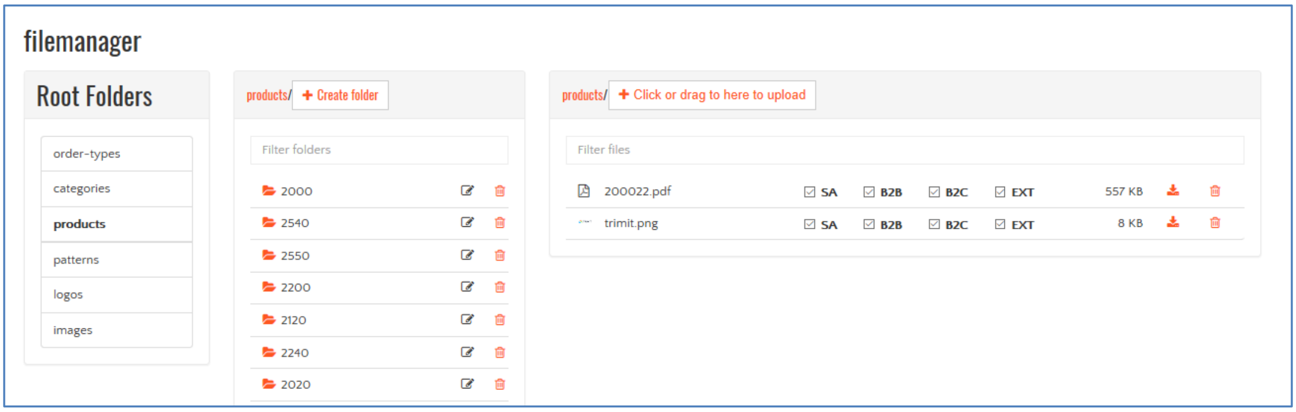
CACHE

Here it is possible to clear NAV cache (concerns data like product additional info) across all portals by clicking **Clear** icon.

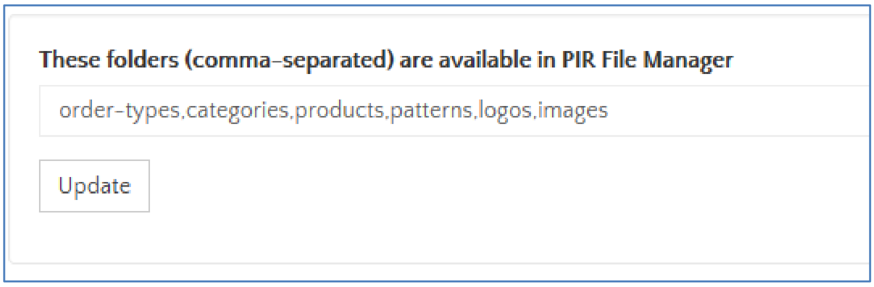


FILE MANAGER

Here it is possible to do the file management within the specified in PIR settings root folders. It is possible to create, rename and delete subfolders for defined root folders. Within the folders it is possible to upload, download, delete and tag files (image and non-image).



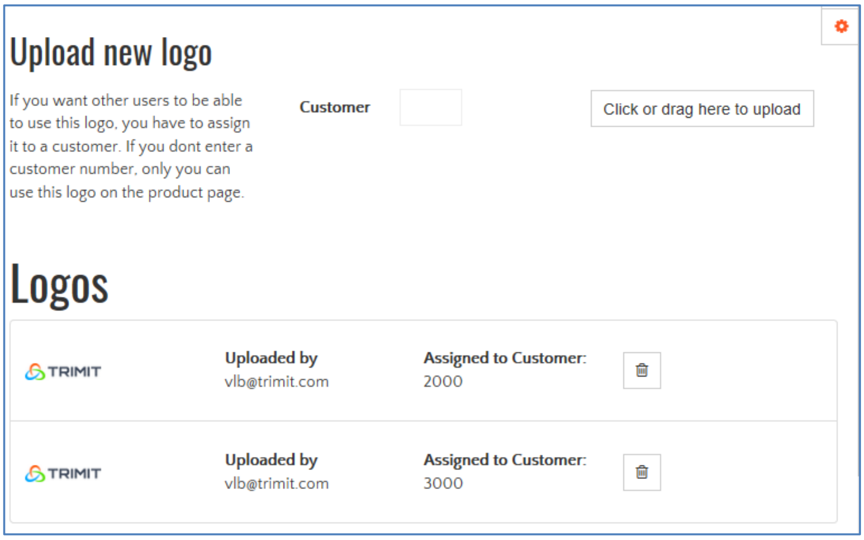
PIR settings for file manager root folders:



MANAGE LOGOS (VISUAL CONFIG)

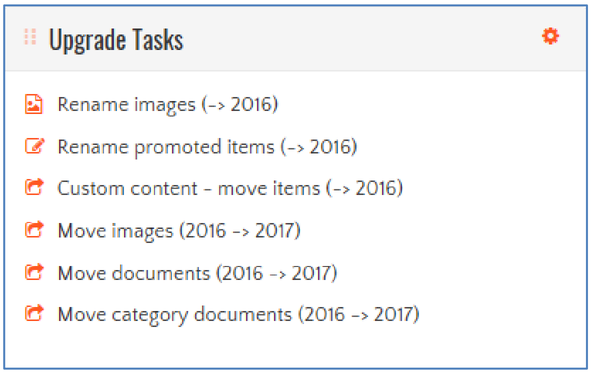
Here it is possible to upload a logo, which can be used for a product visual configuration on a product details page. A logo can be assigned to a customer. If a logo is not assigned to a customer, then only the admin who uploaded the logo can see it on the product details page.

If a logo had been uploaded on the product details page, then it will also be visible in the Logos list.



UPGRADE TASKS DOCK

This dock contains actions which are related to upgrade tasks. Upgrade tasks, which have to be applied to upgrade from CPO versions before 2016 to version 2016 are marked as follows "(-> 2016)". Upgrade tasks, which have to be applied to upgrade from CPO version 2016 to Modelyn version 2017 are marked "(2016 -> 2017)"

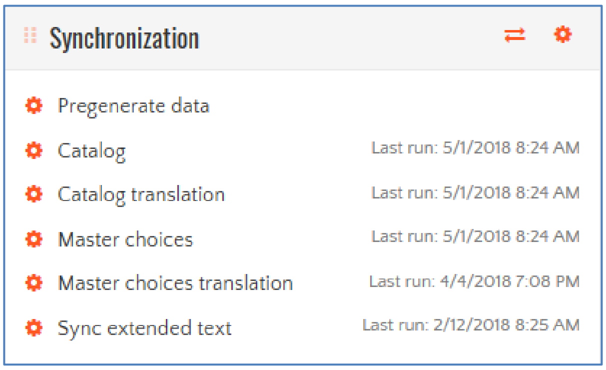


NOTE:
All the upgrade tasks should be conducted by an experienced portal administrator. TRIMIT cannot be responsible for any data losses.

Read more about upgrade tasks in ***White Paper – Portals Product Information Repository (PIR) 2017***.

SYNCHRONIZATION DOCK

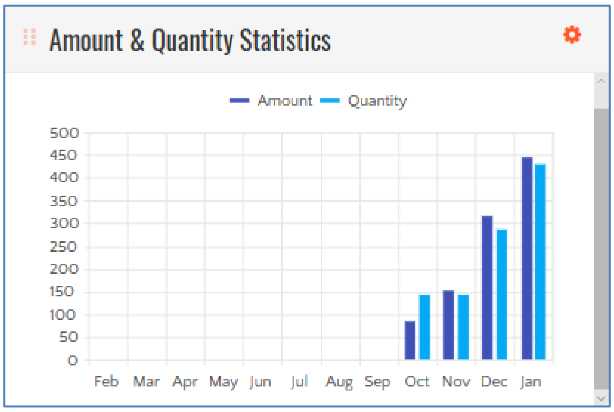
This dock contains links, which initiate execution of synchronization schedules for B2B Webshop and SA Portal. The last running date and time is also reflected. There is an icon Synchronize in the header of the dock. Clicking this icon activates all the schedules which will run in a background.



Read more information about schedules in ***White Paper – TRIMIT Portals Schedules***.

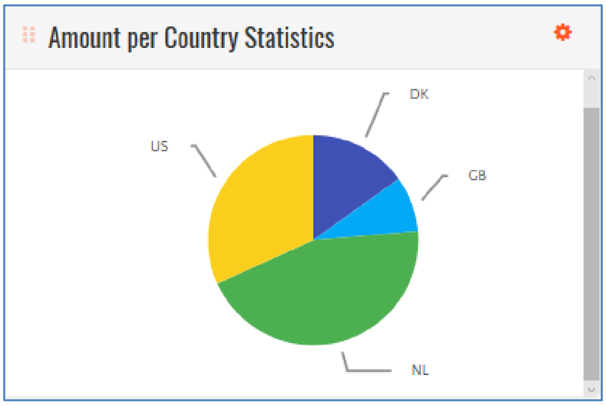
AMOUNT & QUANTITY STATISTICS DOCK

This dock has a graphical representation of amount and quantity of sales orders over the past year. In order to be reflected in the statistics an order has to be crated on B2C and posted during the past year.



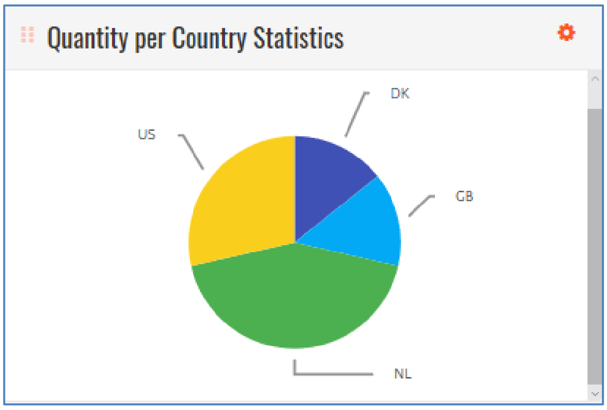
AMOUNT PER COUNTRY STATISTICS DOCK

This dock has a graphical representation of amount per country statistics. In order to be reflected in the statistics an order has to be crated on B2C and posted during the past year.



QUANTITY PER COUNTRY STATISTICS DOCK

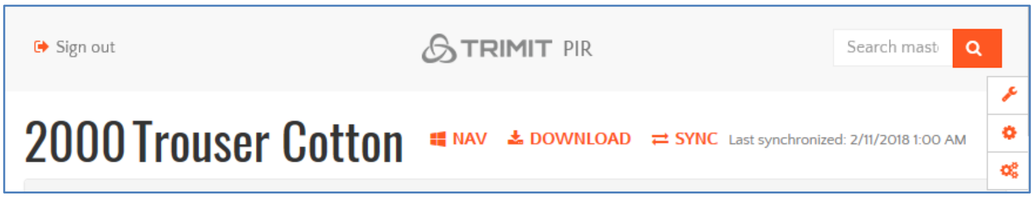
This dock has a graphical representation of quantity per country statistics. In order to be reflected in the statistics an order has to be crated on B2C and posted during the past year.



MASTER ADMINISTRATION

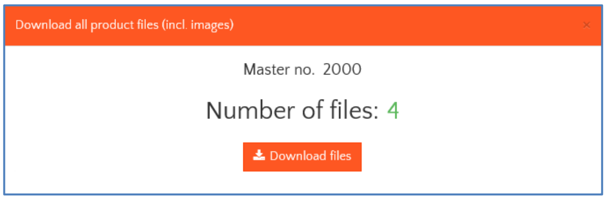
Master administration page contains a combined master information taken from TRIMIT and PIR together with portals statistics.

Master administration page opens when user hits **Search** button in a ***Master Search*** field in the top bar on PIR dashboard. The header of the page displays a master number and name together with icons **NAV** (Open master in NAV), **Download** (Download product files) and **Sync** (Sync master choices & translations).



Clicking **NAV** opens product page in NAV web client in a new browser tab.

Clicking **DOWNLOAD** opens a ***Download Product Files*** window. Here is it possible to download product files, which were uploaded to PIR (all product files will be downloaded disregarding tags).



Clicking **SYNC** initiates execution of the following schedules: *Catalog*, *CatalogTrtaslations*, *MasterChoices*, *MasterChoicesTranslation* and *ExtendedText.* The date and time stamp indicates the last run executed.

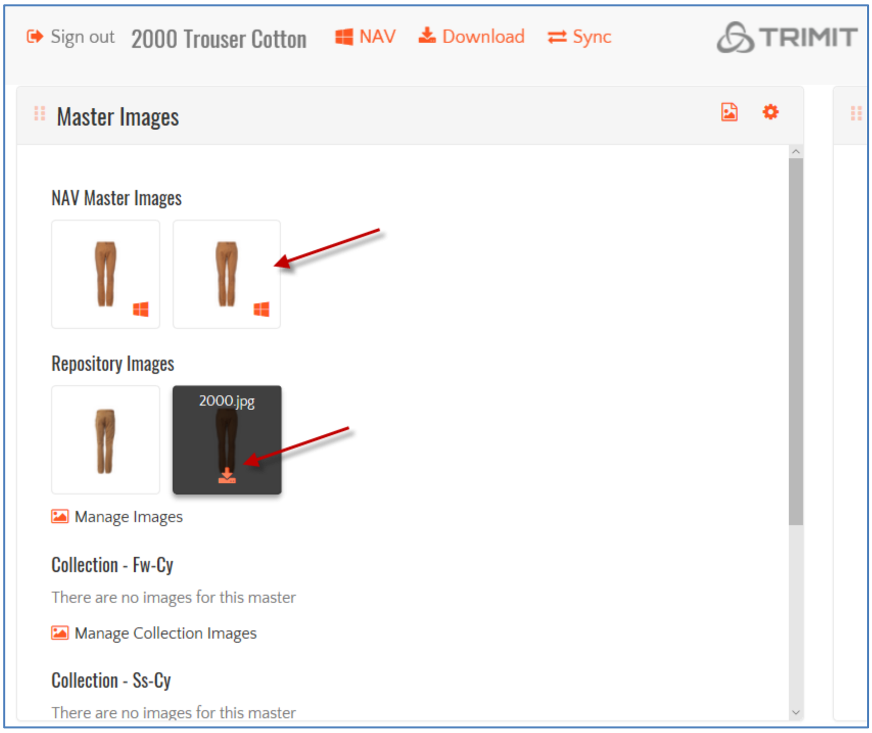
Master administration page includes several docks. The description of the docks, visible and hidden by default, is listed below:

- **Master Images dock**
- **General Information dock**
- **Variant images dock**
- **Description & Extended Text dock**
- **Catalog Occurrences dock**
- **Shop the Look dock** (hidden by default)
- **B2C Webshop Prices dock** (hidden by default)
- **Workflow dock** (hidden by default)
- **PDM Report dock** (hidden by default)
- **Collections dock** (hidden by default)
- **Browser Statistics dock** (hidden by default)
- **Added to Basket Statistics dock** (hidden by default)
- **Hits Statistics dock** (hidden by default)
- **Publish dock** (hidden by default)
- **Miscellaneous files dock** (hidden by default)
- **Composition, Additional Information, Wash & Care dock** (hidden by default)

DESCRIPTION OF THE MASTER ADMIN DOCKS

MASTER IMAGES DOCK

This dock displays NAV master related images (e.g. measurement chard images, though only default NAV master image is shown on portals) and repository images. The header of the dock has an icon **Image Management** (this area is described later in this document). Hovering mouse over product image, under ***Repository Images*** area and ***NAV Master Images*** area, will display the image name and "arrow" – clicking on this arrow allows downloading a product image.



DESCRIPTION OF CONTROLS ON MASTER IMAGES DOCK

MANAGE IMAGES (REPOSITORY IMAGES)

Clicking this link will open master images page. More about this page further in this document.

MANAGE COLLECTION IMAGES

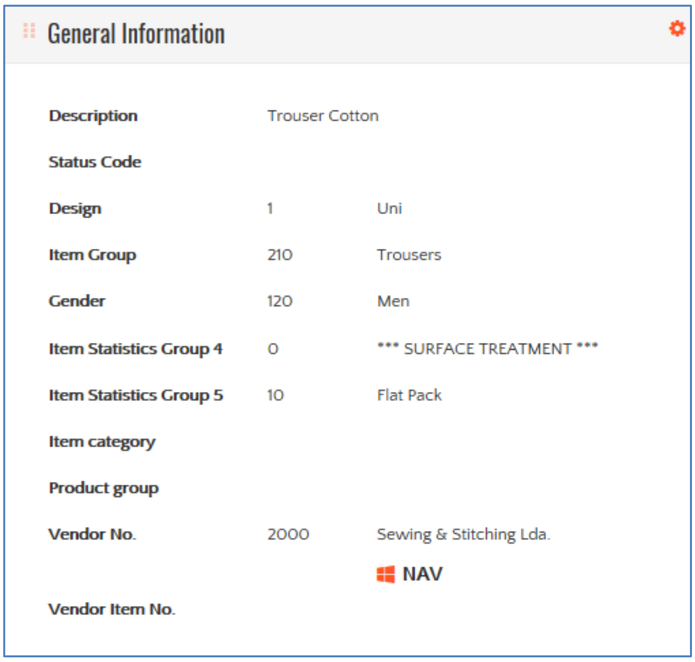
If this product is assigned to a collection which is not older than 2 years (hardcoded condition) then it is possible to view and manage this collection specific product images. Clicking ***Manage Collection Images*** link will open page with master images specific for this collection.

MANAGE LAYERS (LAYERS FOR CONFIGURATION)

If this is a visual configuration product (2185 or 3205 in demo database) then it is possible to view and manage layer images by clicking ***Manage Layers*** link. This action opens **Product layers images** page. Read more about product visual configuration in ***White Paper – TRIMIT Product Visual Configuration***

GENERAL INFORMATION DOCK

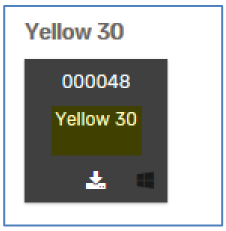
This dock displays a basic product information. A NAV icon under ***Vendor No.*** field (in the bottom of the dock) allows opening a product vendor card in NAV web client.



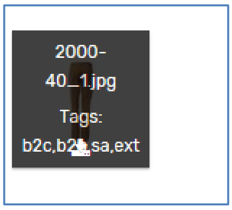
VARIANT IMAGES DOCK

This dock contains color variant images uploaded from NAV and from PIR. The header of the dock has an icon **Image Management** (this area is described later in this document).

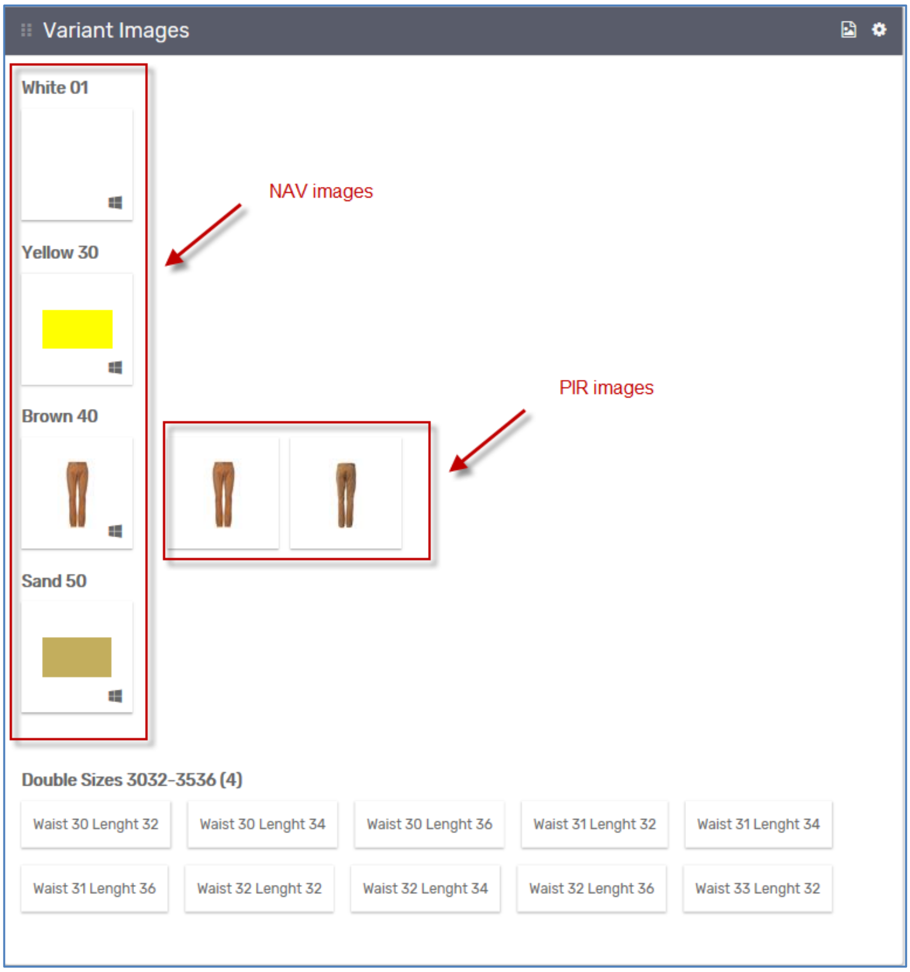
NAV images have a "window" icon in the corner of the picture, where are PIR images do not have this icon. If hover mouse over the NAV image, then it is possible to see NAV image number and color variant description.



If hover mouse over the PIR image, then it is possible to see the image name and image portals tags.



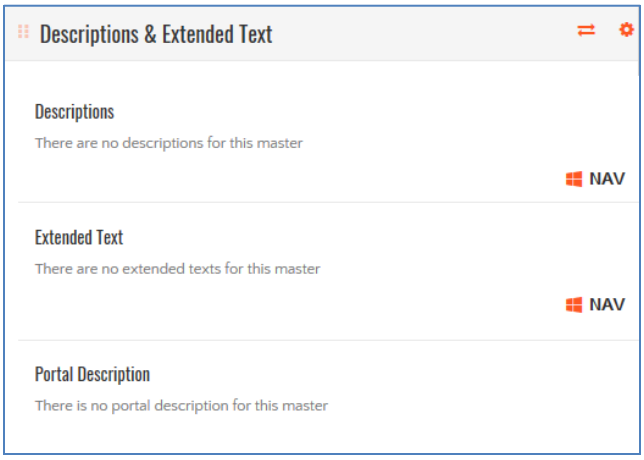
Clicking on the arrow in the bottom of the image gives possibility to download this image.
There is a product size overview in the bottom of the dock. This section can also include double size and assortment size overview if they are available.



DESCRIPTION & EXTENDED TEXT DOCK

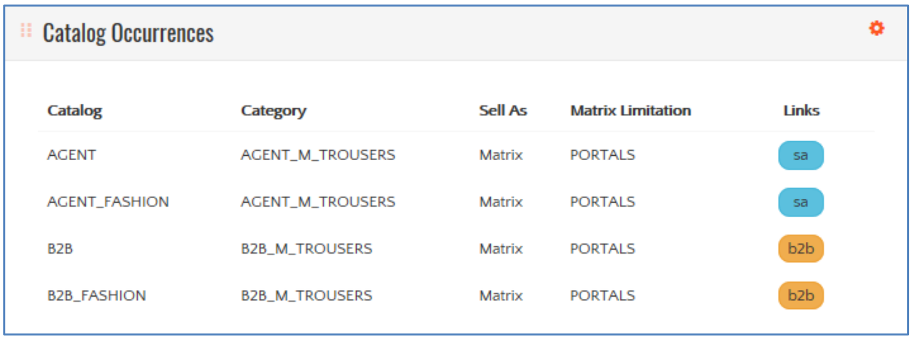
This dock contains descriptions and extended texts related to the product. Descriptions and extended texts are coming from the NAV. The content will be taken from translation records. The header of the dock has a synchronize icon, which runs *Catalog translation* and *Extended Text Sync* schedules.
The portal description reflects the description added to a product details page on SA portal, B2B and B2C Webshops. This description is stored in Modelyn (under *pir/products/<master no.>*) and not in NAV.

After description or extended text has been modified, then it is needed to run synchronization in order to see the changes in master admin.
Each entry in Descriptions and Extended Text has a NAV icon. Clicking this icon opens a relevant description or extended text page in NAV web client.



CATALOG OCCURRENCES DOCK

This dock contains a list of catalogues and categories, where the current product can be found.



Catalog	Category	Sell As	Matrix Limitation	Links
AGENT	AGENT_M_TROUSERS	Matrix	PORTALS	sa
AGENT_FASHION	AGENT_M_TROUSERS	Matrix	PORTALS	sa
B2B	B2B_M_TROUSERS	Matrix	PORTALS	b2b
B2B_FASHION	B2B_M_TROUSERS	Matrix	PORTALS	b2b

DESCRIPTION OF THE COLUMNS IN CATALOG OCCURENCIES DOCK

CATALOG

The main NAV catalog or top category, which contains this product

CATEGORY

The parent category, which contains this product

SELL AS

The product can be sold on portals as different representations, e.g. matrix, item etc.

MATRIX LIMITATION

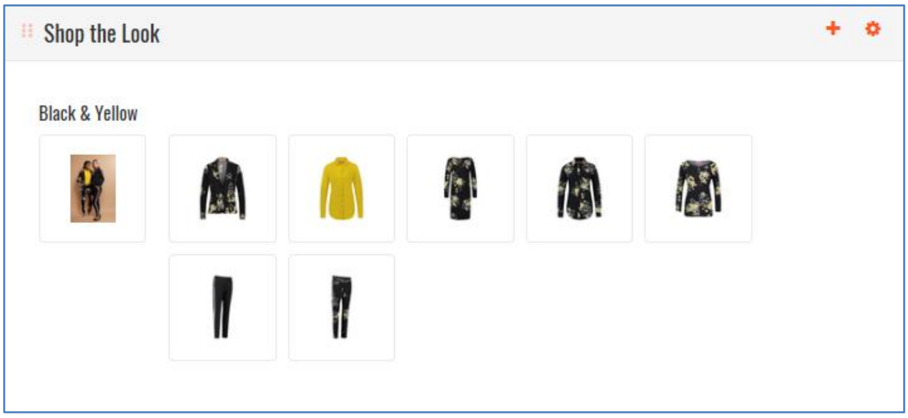
Reflects if a matrix limitation is set on the catalog or category.

LINKS

Has colored clickable portals indicators. Clicking the indicator opens a product page (in the same window) in the corresponding portal.

SHOP THE LOOK DOCK

This dock displays a look this product is attached to. Other products attached to this look are also displayed. This dock is for master 2120:



The header of the dock has an icon **Create look book** (plus icon). Clicking this icon leads to a look book page on the portal, where the main look book is activated. For more information about look books refer to ***White Paper – Portals Look Book***.

B2C WEBSHOP PRICES DOCK

This dock displays B2C product prices with currencies.

B2C Webshop Prices

Product No.	Price List	Campaign Price List	Old Price	Price	Currency
2120	RETAIL	B2C_CAMP	0.00	45.00	USD
2120	RETAIL	B2C_CAMP	0.00	39.00	GBP
2120	RETAIL	B2C_CAMP	0.00	41.00	EUR
2120	RETAIL	B2C_CAMP	0.00	360.00	DKK

DESCRIPTION OF THE COLUMNS IN B2C WEBSHOP PRICES DOCK

PRODUCT NO.

Product number, including variants.

PRICE LIST

Default price group

CAMPAIGN PRICE LIST

Campaign price group

OLD PRICE

Price from default price group. If campaign price group is not applied, then this column shows zero price.

PRICE

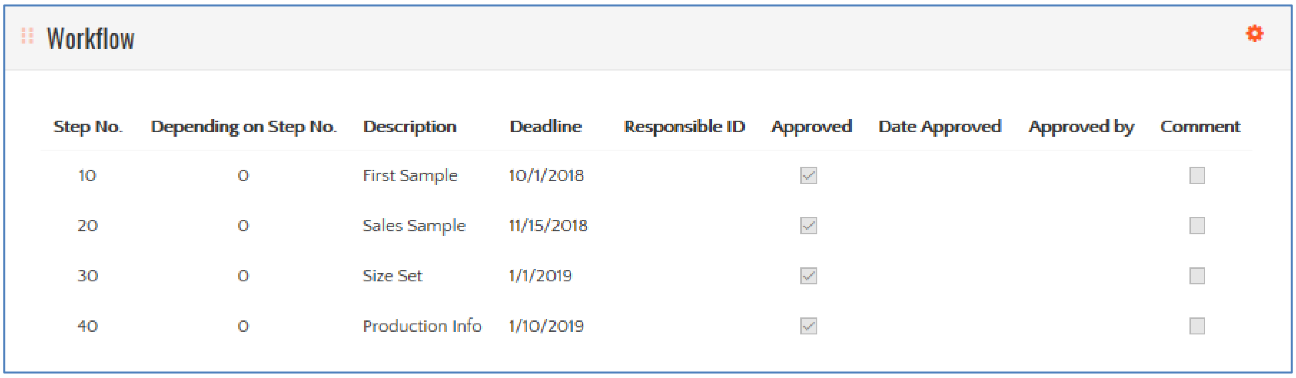
Price from campaign price group. If campaign price group is not applied, then this column reflects default price group prices.

CURRENCY

Reflects currency applied.

WORKFLOW DOCK

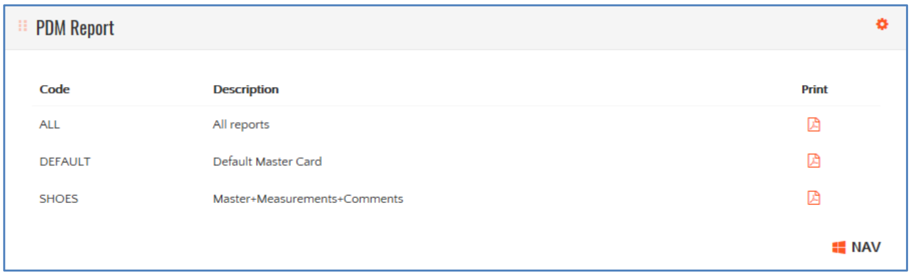
This dock displays a product workflow if it exists in the system. Fields are identical to NAV ***Workflow*** page.


Workflow

Step No.	Depending on Step No.	Description	Deadline	Responsible ID	Approved	Date Approved	Approved by	Comment
10	0	First Sample	10/1/2018		☑			☐
20	0	Sales Sample	11/15/2018		☑			☐
30	0	Size Set	1/1/2019		☑			☐
40	0	Production Info	1/10/2019		☑			☐

PDM REPORT DOCK

This dock contains a list of PDM reports from ***PDM Report Sets*** in NAV. Clicking icons in ***Print*** column opens reports in PDF format. Clicking **NAV** icon opens ***PDM Report Sets*** in NAV Web client.

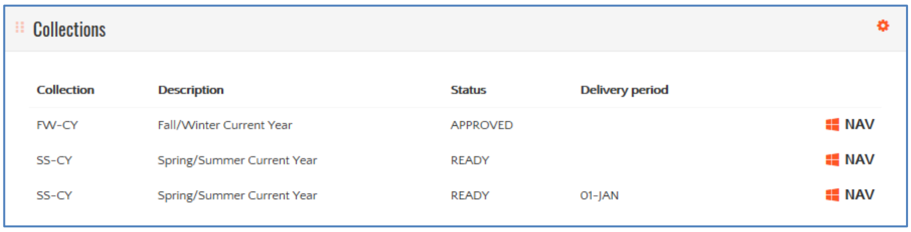

PDM Report

Code	Description	Print
ALL	All reports	
DEFAULT	Default Master Card	
SHOES	Master+Measurements+Comments	

NAV

COLLECTIONS DOCK

This dock displays all the collections, where the current product is attached. Clicking on NAV icon opens ***Collection Card*** in NAV Webclient.


Collections

Collection	Description	Status	Delivery period	
FW-CY	Fall/Winter Current Year	APPROVED		NAV
SS-CY	Spring/Summer Current Year	READY		NAV
SS-CY	Spring/Summer Current Year	READY	01-JAN	NAV

BROWSER STATISTICS DOCK

Shows a statistic of opening product page in different browsers.

ADDED TO BASKET STATISTICS DOCK

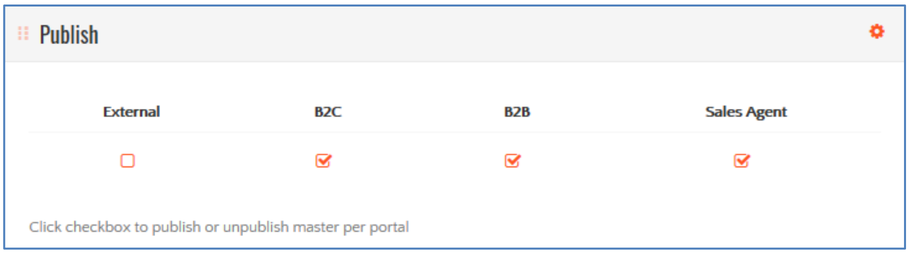
This dock shows the statistics of adding this product to basket within the last two weeks.

HITS STATISTICS DOCK

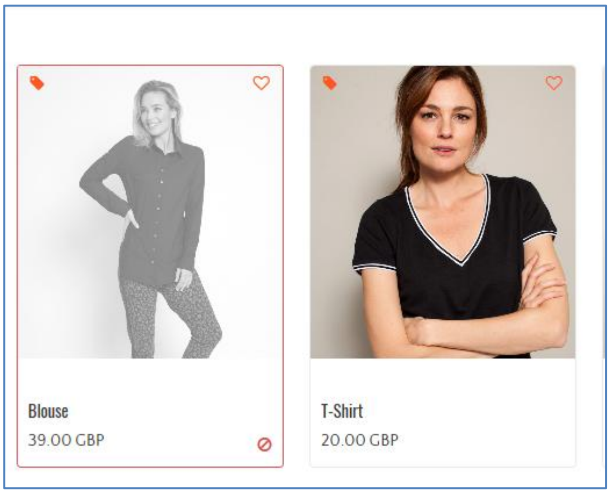
Shows a statistic of how many times the product details page has been visited per portal.

PUBLISH DOCK

This dock has check boxes for SA portal, B2B and B2C Webshops together with external systems. If the box is set to *TRUE*, then this product will be shown on the corresponding portal or external system. After changes are done, then it is required to run synchronization by clicking **SYNC** button on the top of this page (***Master-admin*** page) and this will affect SA portal, B2B and B2C Webshops.



If item is unpublished then it will not be shown on the portal for a non-admin user. Admin user though still can see the unpublished item, bit it will be shown with a red border on the products overview and search results pages.



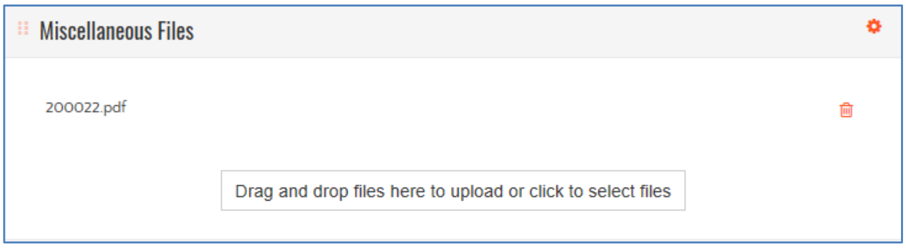
NOTE:
If a product gets unpublished and this product is a part of a look within a look book, then this master will still be shown in the look, but when going to the product details page there will be a message that item does not exist.

A list of products which can be published or unpublished for SA portals, B2B and B2B Webshop and external system is available under ***Publish/Unpublish Masters*** link in dock **Products**.

MISCELLANEOUS FILES DOCK

In this dock, it is possible to upload different product related files. Files can be uploaded by dragging and dropping or by ordinary upload using **Drag files here or click to upload** button. It is possible to delete the file by clicking **Delete** icon (trash can).

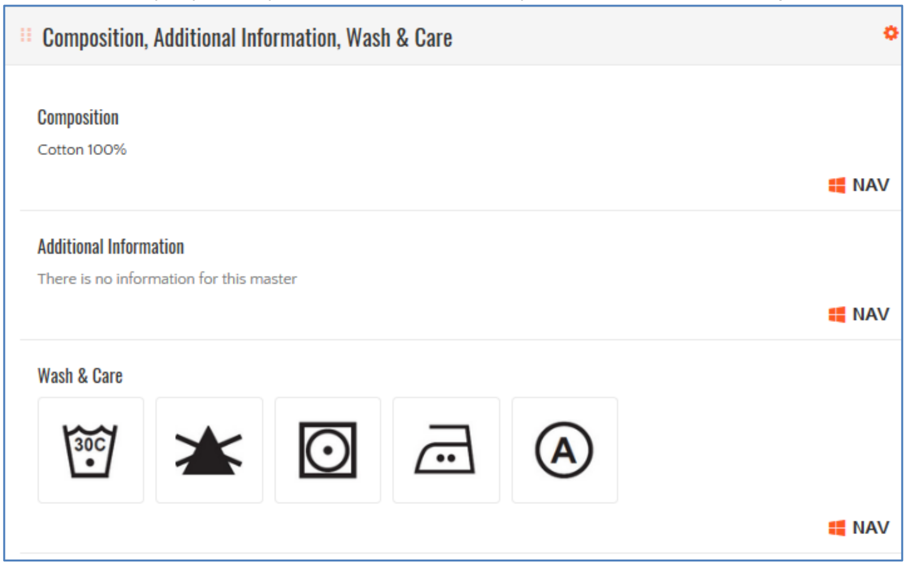
(screen shot with modified settings, not from demo)



Note that the file will be tagged for all portals after uploading. To manage tagging it is needed to open the product folder in ***Modelyn/portals/pir/products*** and specify the needed tags in file properties. After the file is tagged it is possible to download it from the relevant portal (**Download all product files (incl. images)** button on the product details page).

COMPOSITION, ADDITIONAL INFORMATION, WASH & CARE DOCK

This dock displays the product related: *Composition*, *Additional Information* and *Wash and Care* data.

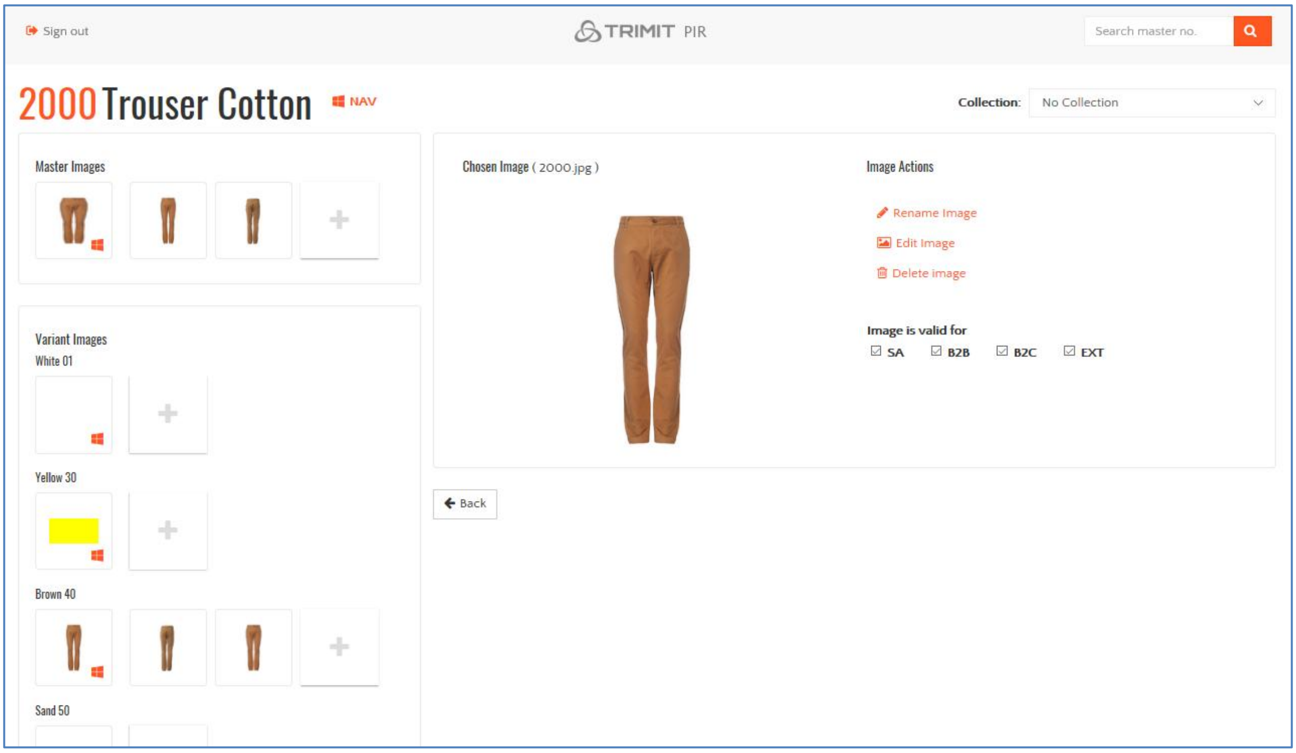


NAV icons open corresponding pages in NAV web client.

IMAGE MANAGEMENT

Image management page is divided into two parts. On the left-hand side there is a list of master and variant images form NAV and PIR; and on the right-hand side there is an image management panel. There is a **NAV** icon next to the master number and name on the top of the page – clicking this icon opens a master card in NAV web client.

Collection field in the right side of the page header has a drop down with the collections to which the current product is related. Selecting collections from the drop down enables showing collection related product images.



On the right-side images, which are coming from NAV are marked with window icon . Images without this icon are coming from PIR and it is possible to manage them on this page. It is also possible to upload extra images by clicking on the area with plus:

NOTE:
As a general rule – all the portal images should be uploaded whether using portal (product details page, PIR) or using FTP/batch upload to ***WebContent/pir/products*** in Modelyn. In this way images will be tagged in accordance with setting under ***PIR/Setup/Settings/Images uploaded are as default valid on***. Also, in this way, all image files will be renamed to .jpg disregarding files original extension.

Read more about the FTP upload in Appendix section.

It is possible to upload unlimited amount of additional product images on this PIR page. By default, only 4 additional product images can be shown on the product details page. But this restriction can be removed by a relatively small customization. Read more about this in **Appendix**, chapter ***Show more additional product images on details page***. It is only possible to upload 4 additional images from the product details page.

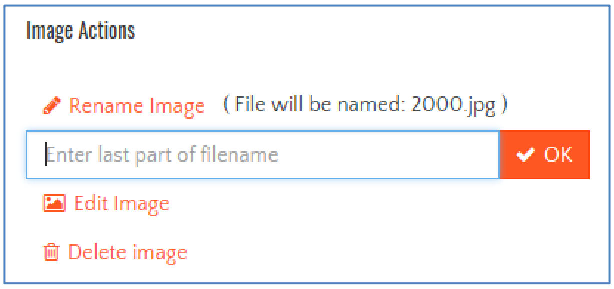
When hovering mouse over the PIR images then it is possible to see the image file name, *Edit* and *arrow* controls. Clicking on *Edit* control makes the image appear on the right side of the page, ready for managing.

Click on *arrow* control moves the image in the sequence to the right or left. This affects the order in which additional images are displayed on the product details page.
The right side of the image management page has *Chosen Image* area and *Image Actions* area. Chosen image area displays an image file name and the product image itself. The *Image Actions* area has the following actions.

DESCRIPTION OF THE IMAGE ACTIONS

RENAME IMAGE

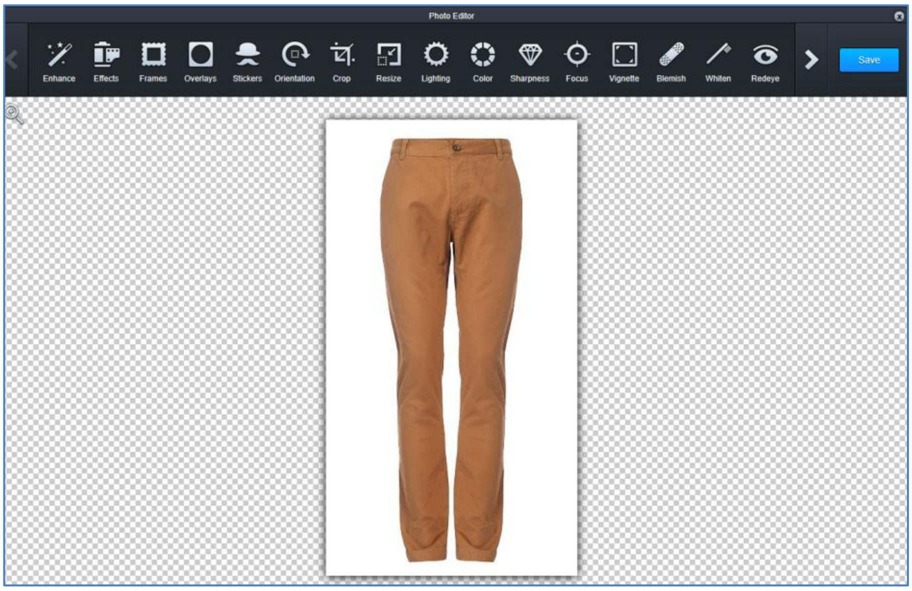
Clicking this control displays the input field. The text in parenthesis (next to *Rename Image* control) will dynamically display the name of the file as soon as user starts typing in the input field. To save the image file name click **OK**.



NOTE:
If it is an additional image then it is required to prefix an underscore during the image rename, e.g. "_front" etc. So, the full image name would be e.g. "2100_front". In case of renaming the variant images then it is required to prefix a dash, e.g. "-99". So, the full image name would be e.g. "2100-99".

EDIT IMAGE

Clicking this control opens web-based image editor. Here it is possible to do basic image editing actions. Click **Save** when finished.



DELETE IMAGE

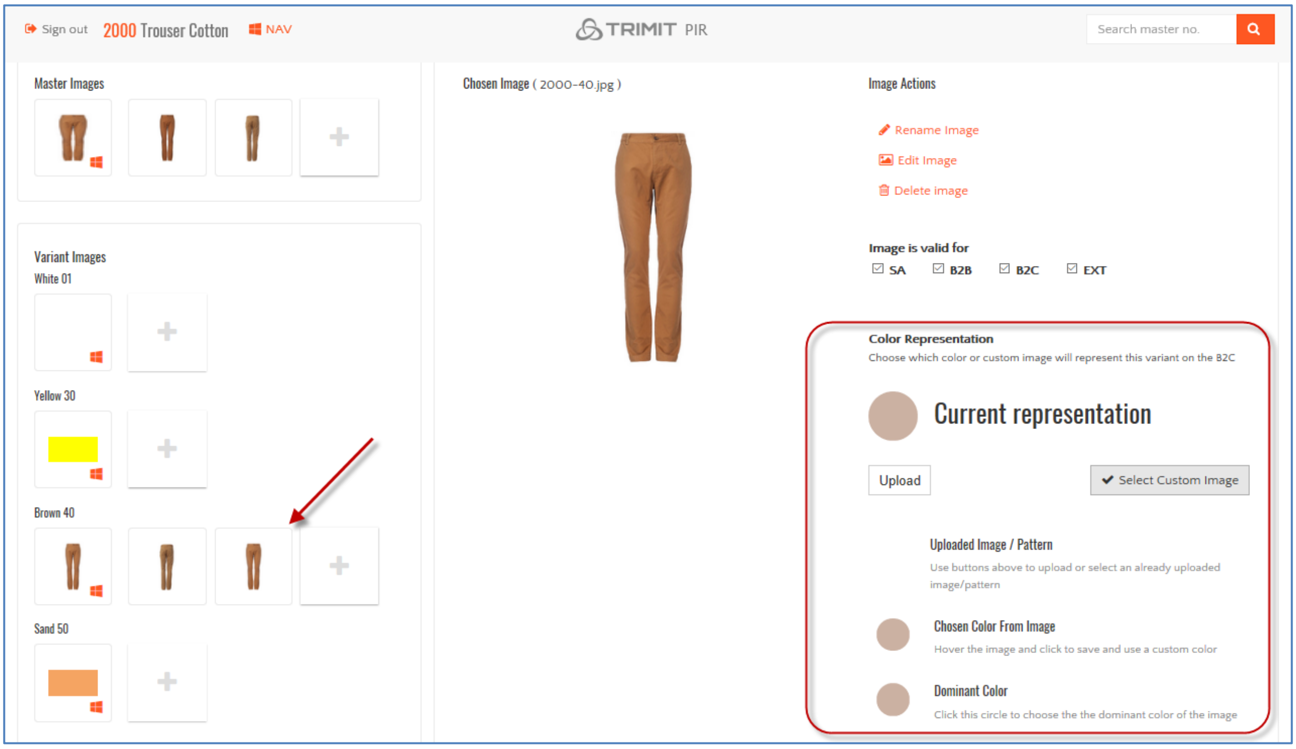
Clicking this action deletes currently selected image permanently from PIR product folder and this image will no longer be shown on product page.

IMAGE IS VALID FOR

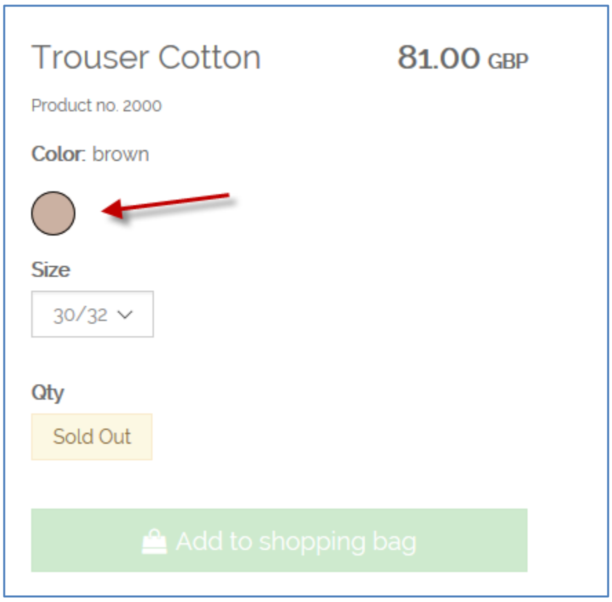
This area is for published tags – if check box is set to *TRUE* then the image will be shown on corresponding portal.

> **NOTE:**
> If product does not have an image in PIR then there will be shown an image from NAV. If portal tag is not set on an image, then there will be shown a NAV image. This is though not valid for B2C Webshop – here only images uploaded to PIR are used and if image is not uploaded or tagged to be used on B2C Webshop then no image is shown.

Clicking on variant images adds some more data and actions to image management on the right side. Here it is possible to select a color representation of the color variant.



This color representation will be used on product details page on portals.



DESCRIPTION OF THE COLOR REPRESENTATION

CURRENT REPRESENTATION

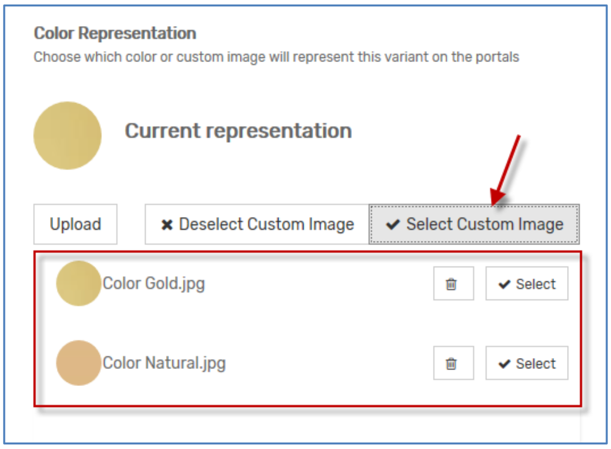
Here is displayed a current color representation for the variant. This “colored dot” is shown to customer on product details page on portals.

UPLOAD

It is possible to upload variant color image which can then be used as color representation. After the image is uploaded then it is possible to select it form **Select Custom Image** drop down.

SELECT CUSTOM IMAGE

Clicking this button opens a drop-down menu with a list of all uploaded color representation images.



It is possible to select custom image by clicking **Select** in the drop-down menu. To delete the custom image – click **Delete** button (trash can). As soon as customer image is selected, there appears a button **Deselect Custom Image**, next to button **Select Custom Image**. Clicking this button deselects the custom image but does not delete it.

CHOOSE COLOR FROM IMAGE

Here is it possible to change a color representation by hovering mouse over the ***Chosen Image***, big variant image in the top of the page. To select a color representation, you need to mouse left click in the needed area of the image.

DOMINANT COLOR

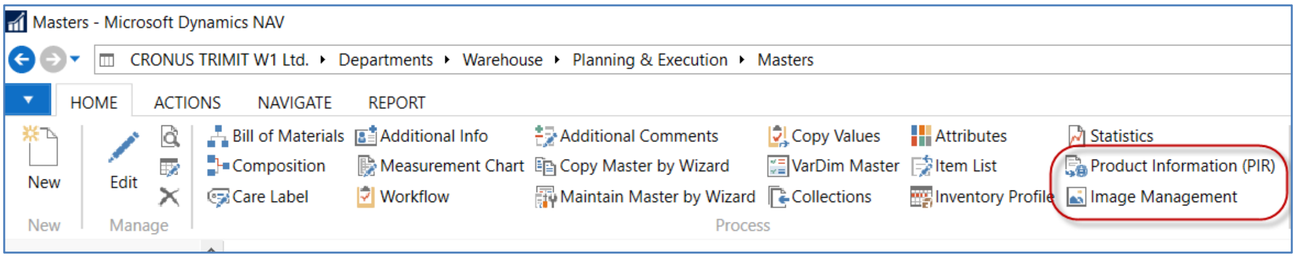
Modelyn automatically determines an image dominant color and shows it here. Click on the colored circle to choose the dominant color as color representation.

NOTE:

If a color variant does not have an uploaded image in PIR then there will be a white colored dot and there will be no master images icon underneath.

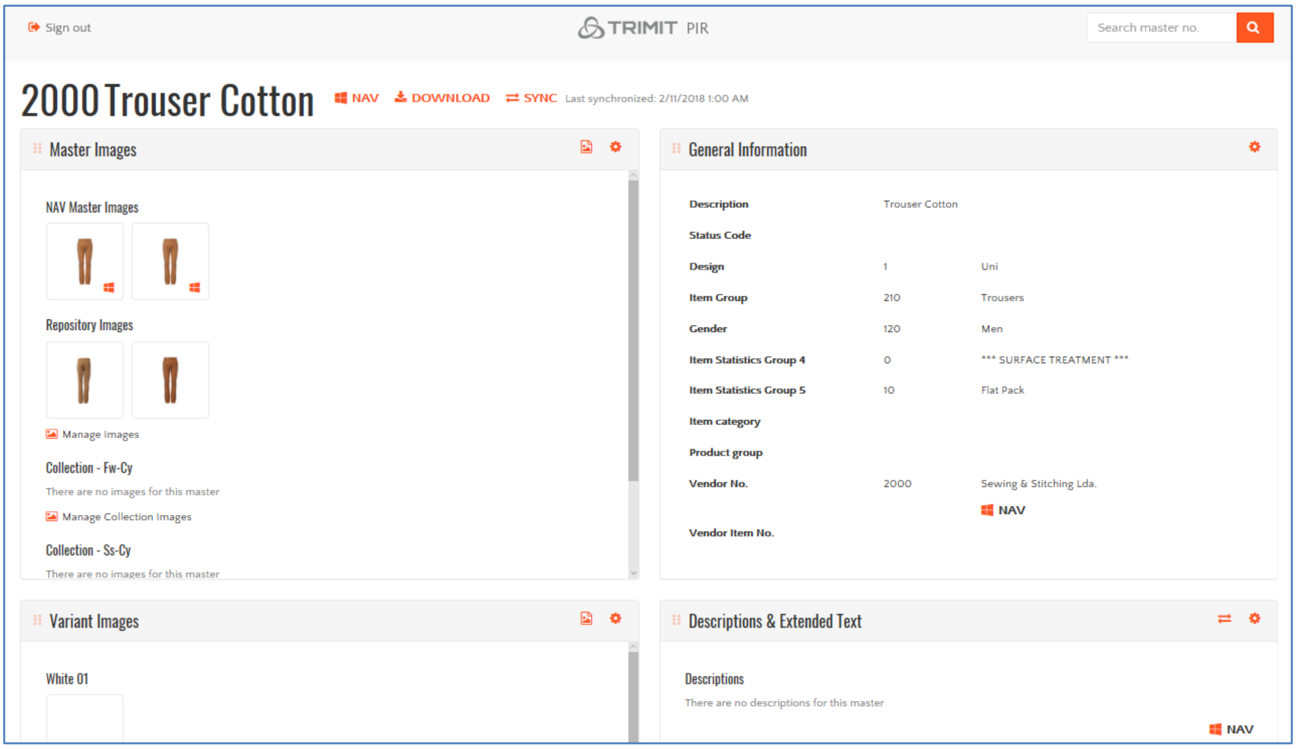
PIR FUNCTIONALITY IN TRIMIT

TRIMIT has a feature of opening PIR master administration and PIR image management pages in internet browser window. This feature is available on master card and on masters list, under ***Home*** and ***Navigate*** fast tab.

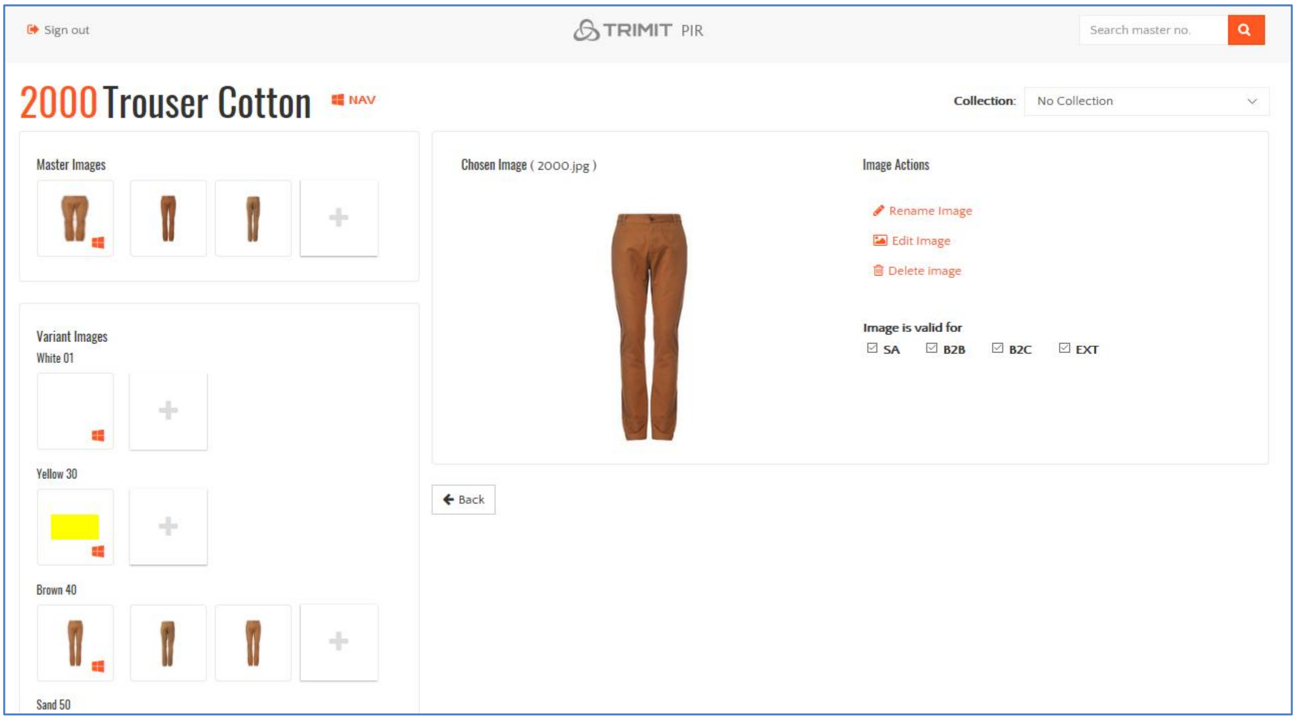


Only masters that exist on portals will be opened in embedded page, otherwise there will be a message that master does not exist.

When clicking **Product Information (PIR)** a new browser window appears showing PIR master administration page from PIR.



When clicking **Image Management,** a new browser window appears showing PIR item management page from PIR.

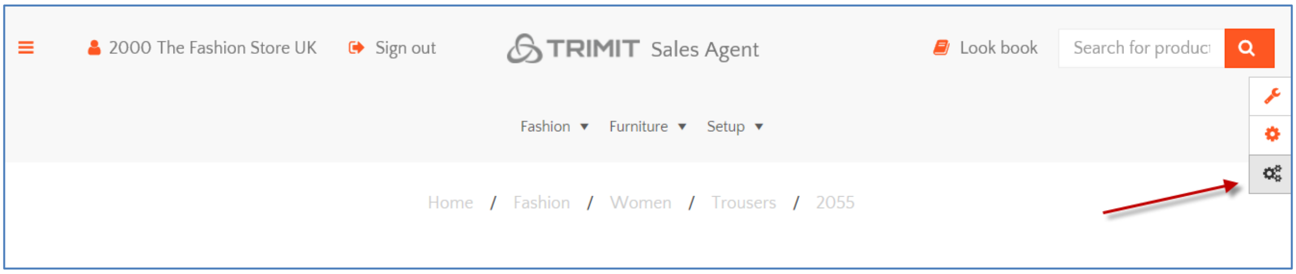


Opening PIR from TRIMIT Master page or Masters list page requires NAV user setup in ***User Relationship Management***. This is described in the ***White Paper – TRIMIT ConnectPortal Instances***.

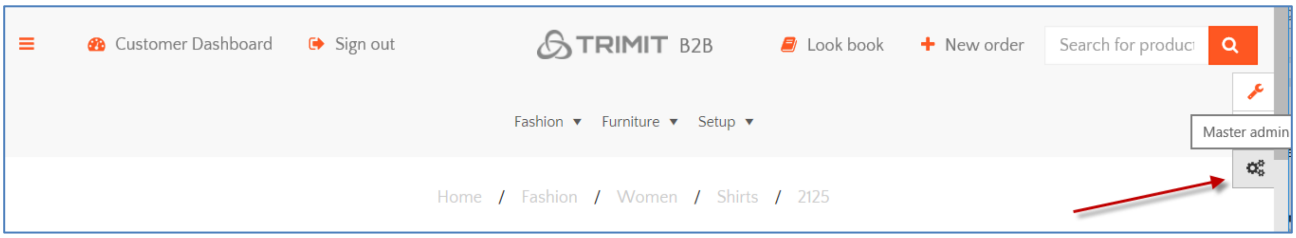
CROSS DOMAIN PIR ACCESS

SA portal, B2B and B2C Webshops have a possibility to go directly to PIR master administration page from product details page. This requires an administration privileges on portal.

SA Portal



B2B Webshop



B2C Webshop

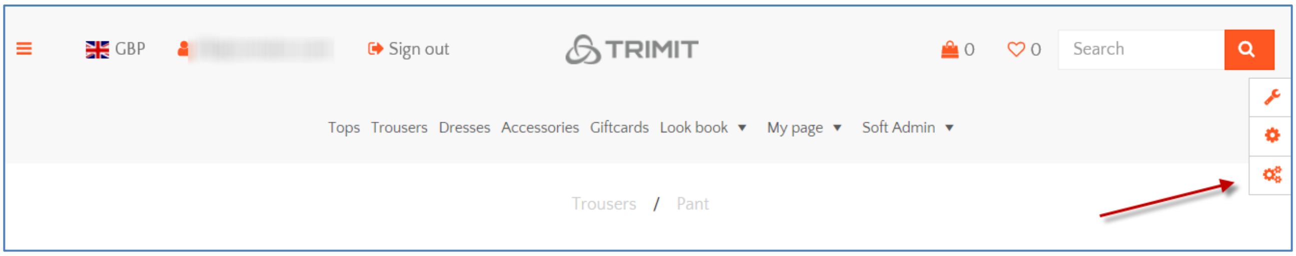


IMAGE NAMING CONVENTION

Item image names on Portals should match the image naming convention. The principle of this convention is stated below.

The image name should correspond to the following format:

Master_<user-defined>.jpg
Master-var1-var2-varN_<user-defined>.jpg

NOTE that <user-defined> will default to 1, 2, 3, 4 on default image upload on the details pages.

Master
For e.g. Master *2020*
2020.jpg (main product image)
2020_1.jpg (additional to main product image)
2020_2.jpg
2020_3.jpg
2020_4.jpg
2020_front.jpg
2020_back.jpg
2020_etc.jpg

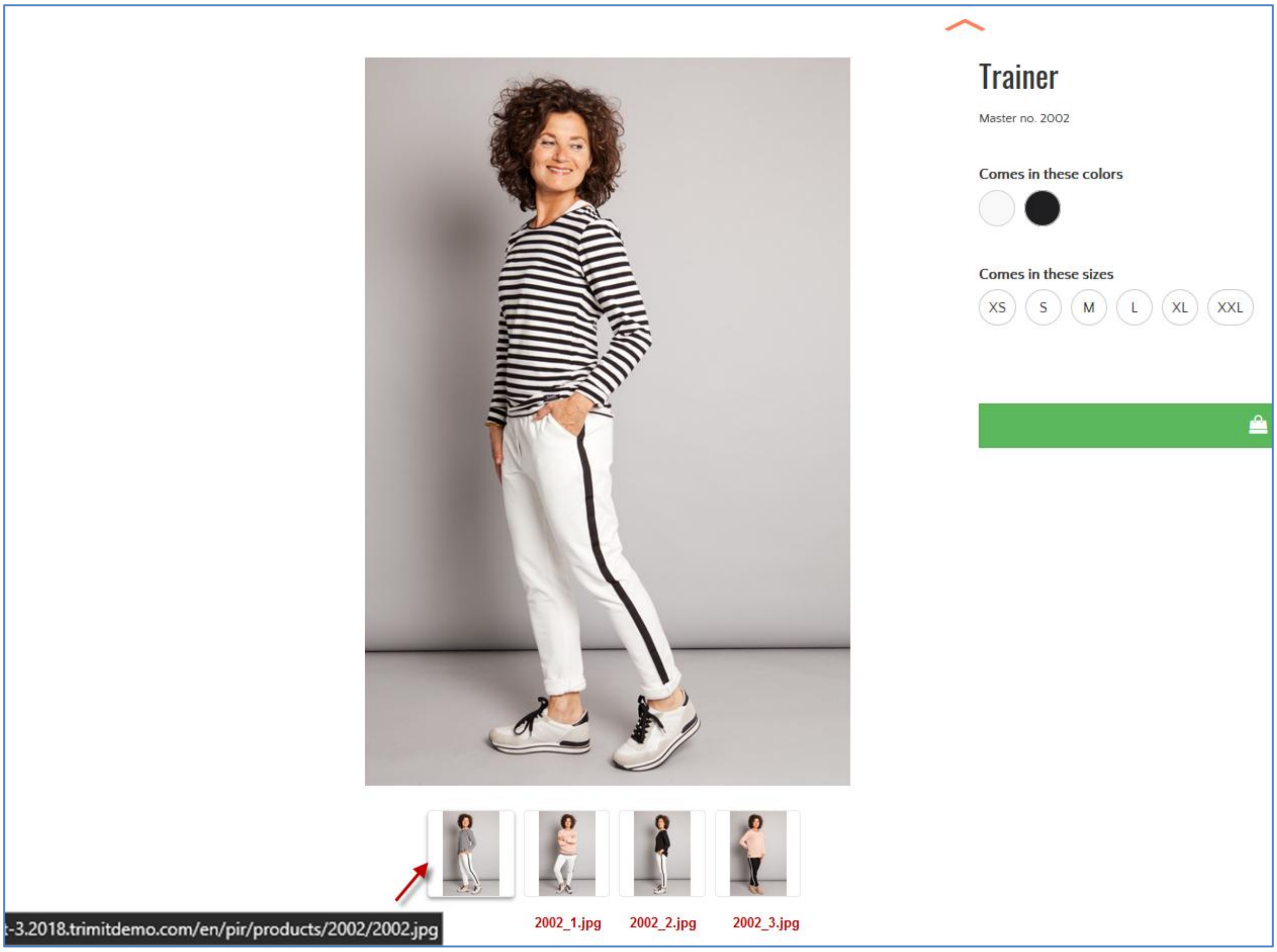
Master + Var(s)
For e.g. Master *2020*, Var1 *03* (e.g. color) and Var2 *45* (e.g. texture)

2020-03-45.jpg (main variant image)
2020-03-45_1.jpg (additional to main variant image)
2020-03-45_2.jpg
2020-03-45_3.jpg
2020-03-45_4.jpg
2020-03-45_front.jpg
2020-03-45_back.jpg

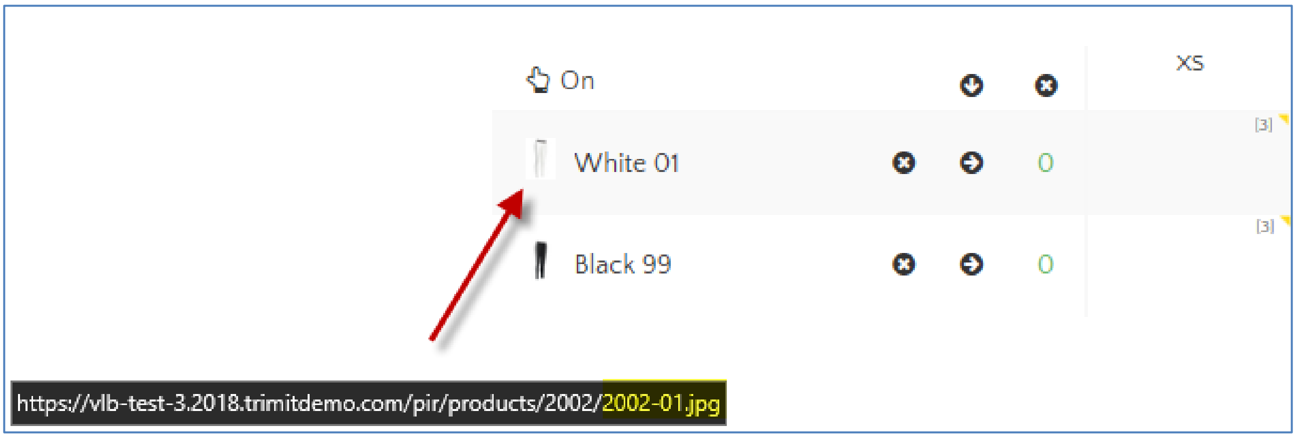
2020-03-45_etc.jpg

One will then be able to do a wildcard on everything before the underscore (_) and retrieve images for that item.

Main image and additional main images (no color is selected):



Variant images in the matrix (same image is used when color is selected, under ***Comes in these colors***):



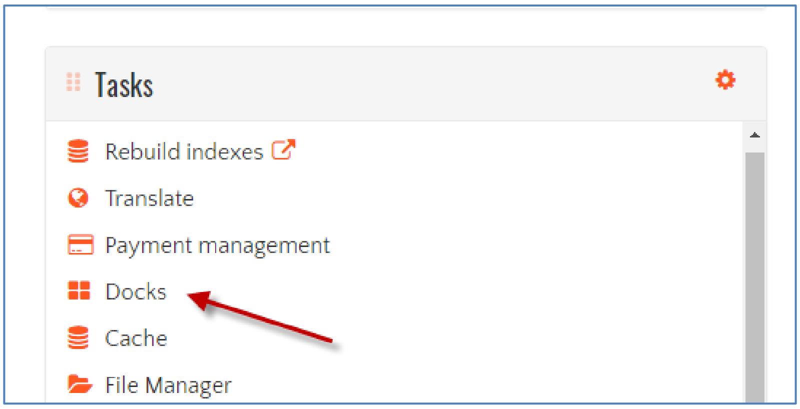
NOTE: it is possible to have unlimited amount of file names with the underscore (e.g. 2100_black.jpg or 2100-99_green.jpg etc.). but for the system to work in a best way it is needed to have the master image (e.g. 2100.jpg) and a master variant image (e.g. 2100-99.jpg) without any underscores or other special characters.

APPENDIX

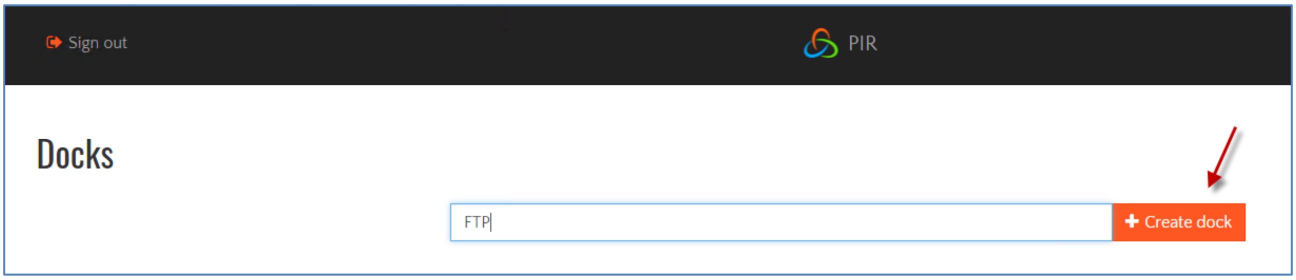
Here you can find examples of using PIR features.

ADD LINK TO FTP

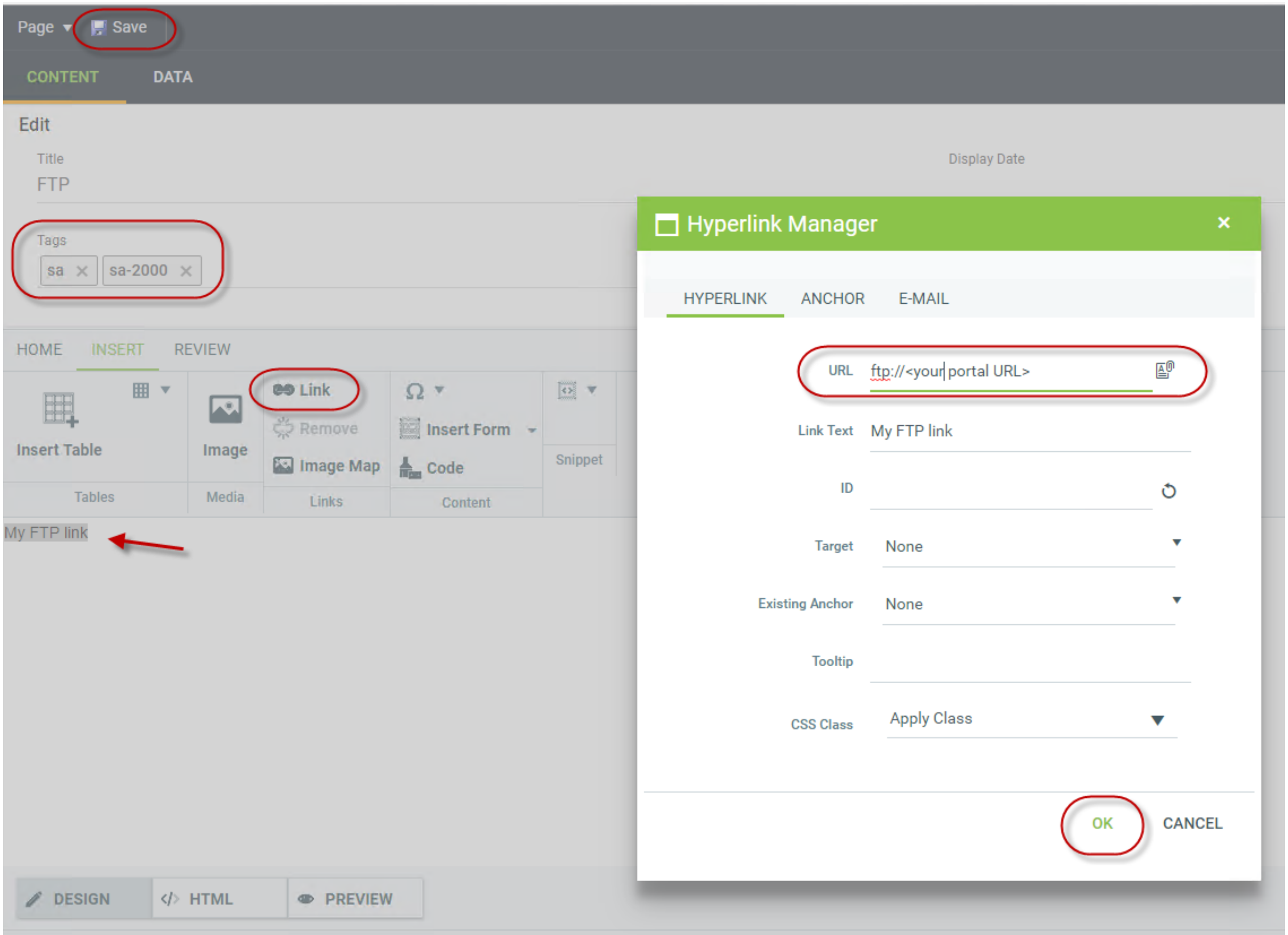
If you need to access FTP on the portal, then it is possible to create a new dock in PIR and place a link element which refers to FTP. ***My links*** dock cannot be used for this purpose, it is only for web links. Open PIR dashboard and click ***Docks*** (dock ***Tasks***):



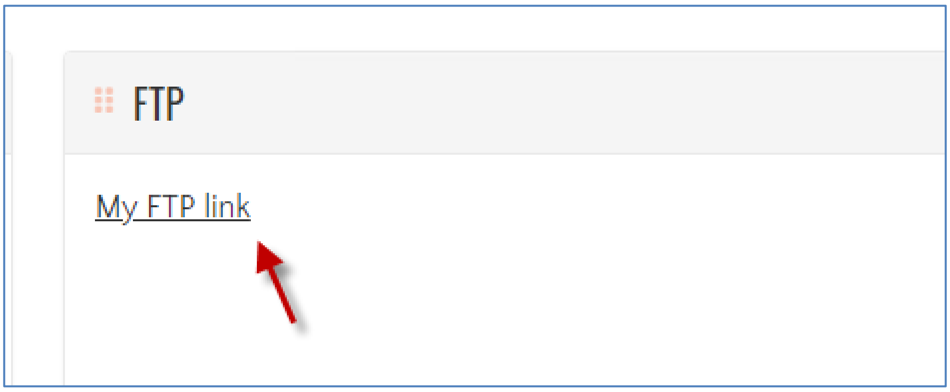
Enter you dock name and click **Create dock:**



The HTML editor will open. Create a link and add the portal tag, e.g. SA. “SA-2000” is for customer 2000, the dock will be created on the customer’s dashboard. After you added new dock you might need to clear the cache on the portal.



Dock ***FTP*** will be created on sales agent dashboard and on customer's 2000 dashboard:

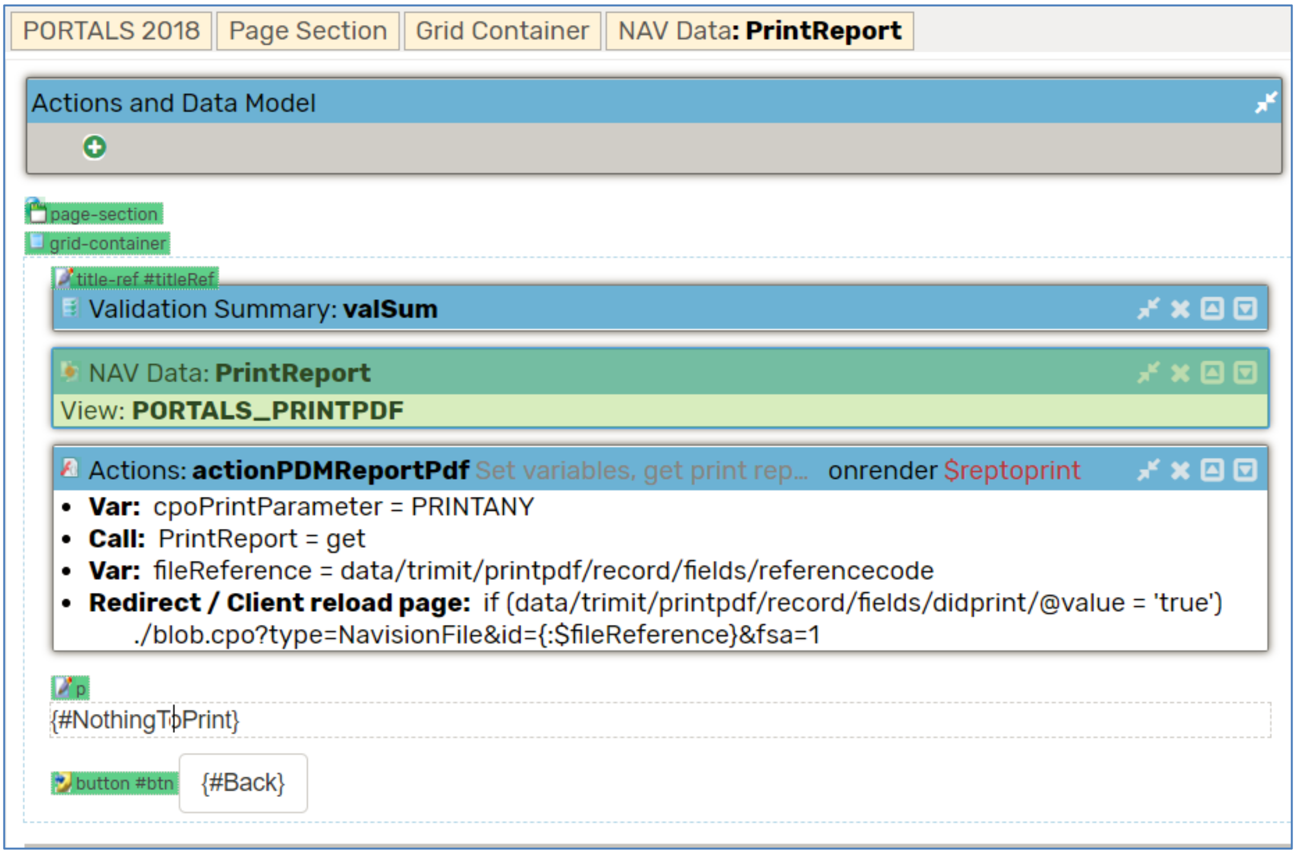


CUSTOM DOCK FOR REPORTS

It is possible to create special links to reports e.g. in docks. This means that you can design your reports to respond to request from the portals, and thereby supply a wide range of information based on reporting. This feature greatly reduces the development time spend on servicing your portal users with generating report based PDF files.

Here is described how it is possible to create a PDF file from NAV report. The link for this will be placed in a custom dock on the portal dashboard.

There should be created a portal page which handles a request for report download:

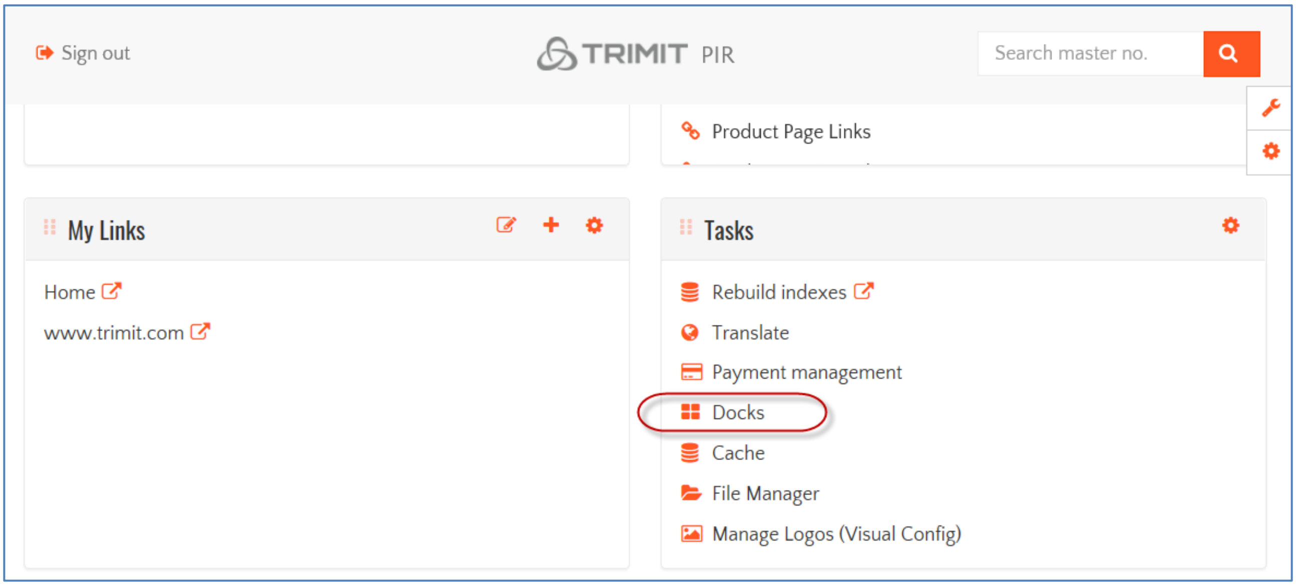


XML of the page:

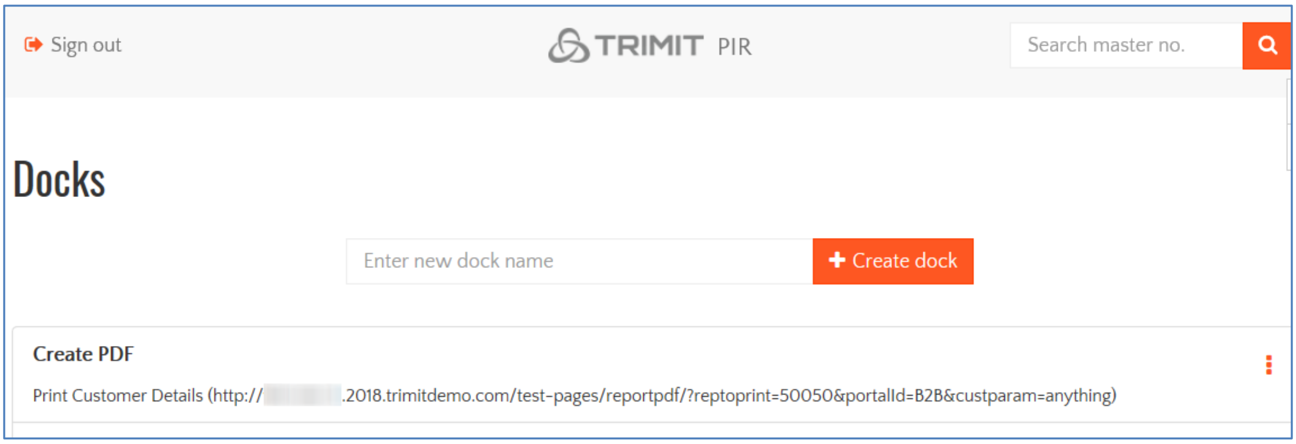
```
<root>
  <article previousversion="2" version="2">
    <title>
      <long>ReportPDF</long>
    </title>
    <dataparts/>
    <main>
      <page-section>
        <grid-container>
          <title-ref id="titleRef" displaytype="none"/>
          <validation-summary id="valSum" headertext="{#CpoValSumHeader}"/>
```

```
          <trimit-data datapartid="trimitdata" initialcrudmode="Read"
skipschema="true" viewid="PORTALS_PRINTPDF" id="PrintReport">
            <parameters>
              <parameter id="PORTALID" path="$portalId"/>
              <parameter valuetype="String" path="$cpoPrintParameter"
id="caller"/>
              <parameter valuetype="String" id="reportno"
path="$reptoprint"/>
              <parameter id="custparam" valuetype="String"
path="$custparam"/>
            </parameters>
          </trimit-data>
          <actions datapartid="actions" id="actionPDMReportPdf"
executewhen="onrender" executecondition="$reptoprint">
            <variable type="string"
name="cpoPrintParameter">PRINTANY</variable>
            <call commandname="get" triggercontrolid="PrintReport"/>
            <variable type="xpath" linkedcontrolid="PrintReport"
name="fileReference">data/trimit/printpdf/record/fields/referencecode</varia
ble>
            <redirect
value="./blob.cpo?type=NavisionFile&amp;id={:$fileReference}&amp;fsa=1"
type="client" condition="data/trimit/printpdf/record/fields/didprint/@value
= 'true'" linkedcontrolid="PrintReport"/>
            <annotation>Set variables, get print report and force save as
for Navision pdf</annotation>
          </actions>
          <p>{#NothingToPrint}</p>
          <button id="btn" showlabel="no-grid" text="{#Back}"
onclick="window.history.back();"/>
        </grid-container>
      </page-section>
    </main>
  </article>
</root>
```

Now create a new dock from dock Tasks in PIR.



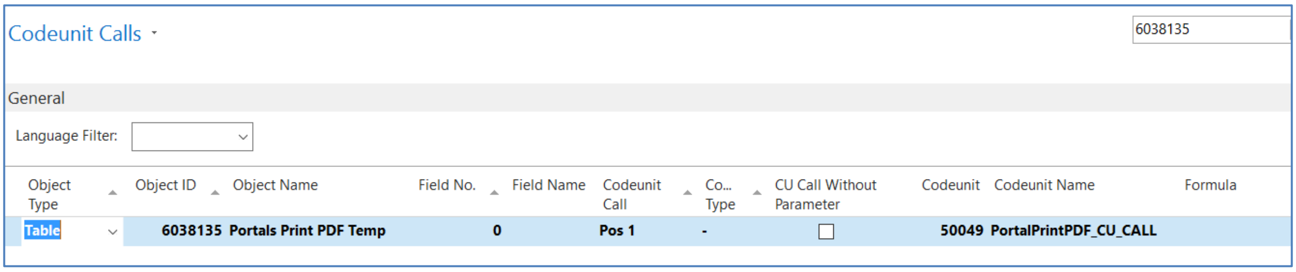
In HTML editor, create a link to the page you created and add parameters to the URL:



The in this case is as follows:
http://demo-instance-name.2018.trimitdemo.com/test-pages/reportpdf/?reptoprint=50050&portalId=B2B&custparam=anything

The first part until the "?" is the address of the newly created portal page. Now are the parameters:
?retoprint=50050 – this is the needed report number in NAV
&portalId=B2B – this parameter tells NAV that this is a call from B2B portal
&custparam=anything – this parameter is optional and only if you needed in your code in NAV

Now are the NAV customizations. Create a code unit call in Codeunit Calls page as follows (assuming that code unit ***50049 PortalPrintPDF_CU_CALL*** is already created):



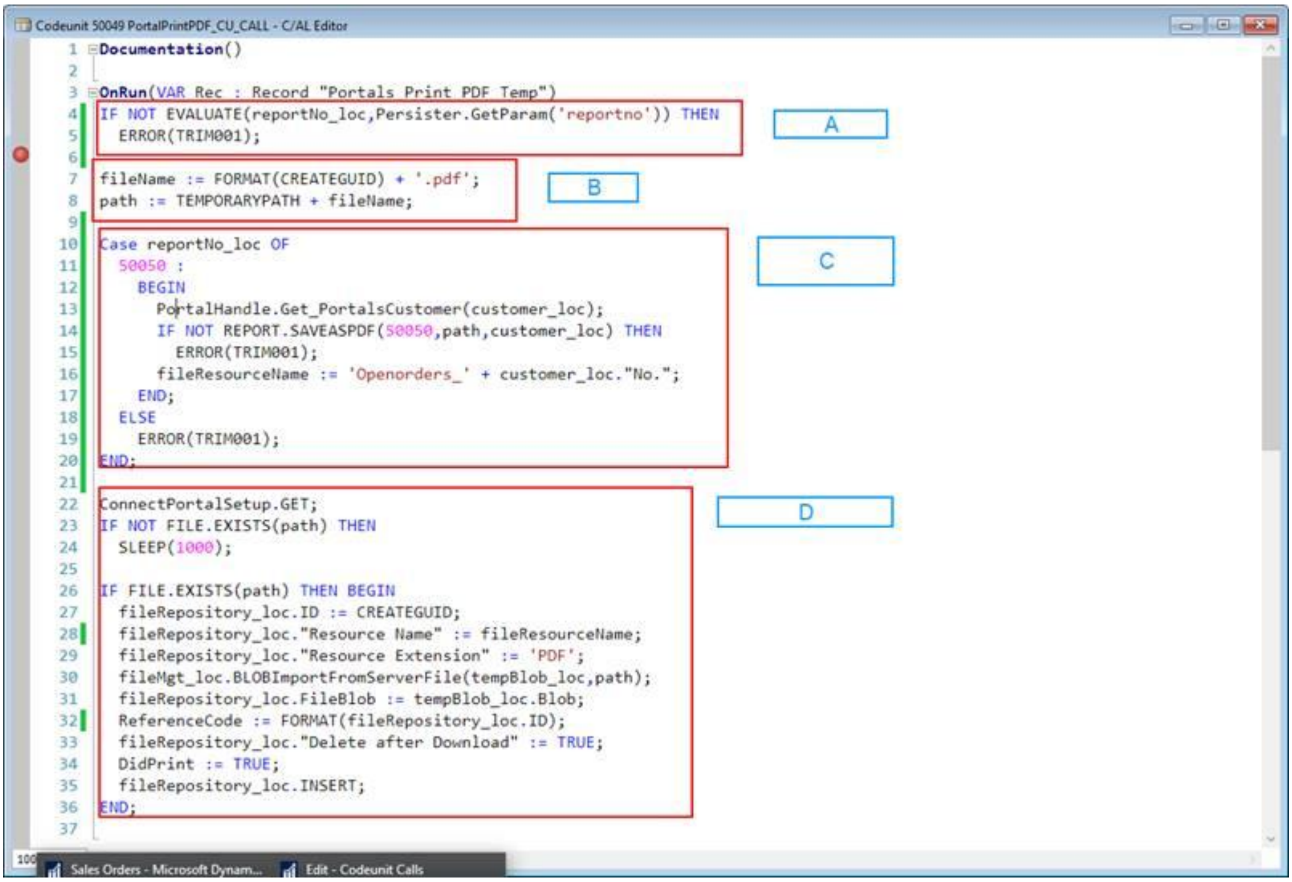
Create a code unit code which should consist of four parts:

A: get the parameter from the request – what report number was called

B: create a unique path to save the PDF

C: a CASE statement where we handle only the reports we allow to be printed this way

D: the framework for TRIMIT / Portal to stream the PDF to the page

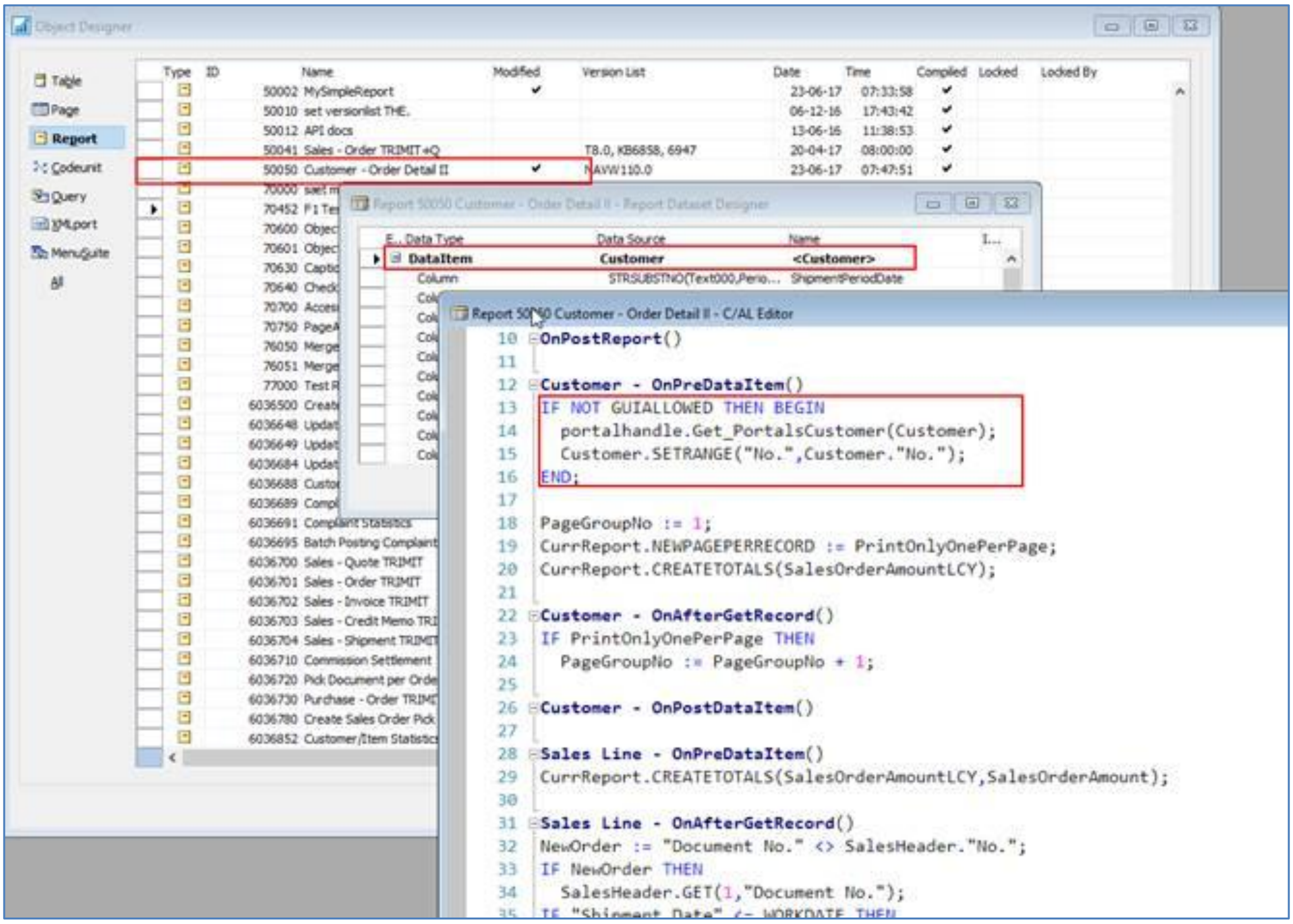


The same code in text format:

```
nRun(VAR Rec : Record "Portals Print PDF Temp")
IF NOT EVALUATE(reportNo_loc,Persister.GetParam('reportno')) THEN
  ERROR(TRIM001);

fileName := FORMAT(CREATEGUID) + '.pdf';
path := TEMPORARYPATH + fileName;

CASE reportNo_loc OF
  50050 :
```

```
    BEGIN
      PortalHandle.Get_PortalsCustomer(customer_loc);
      IF NOT REPORT.SAVEASPDF(50050,path,customer_loc) THEN
        ERROR(TRIM001);
      fileResourceName := 'Openorders_' + customer_loc."No.";
    END;
  ELSE
    ERROR(TRIM001);
END;

ConnectPortalSetup.GET;
IF NOT FILE.EXISTS(path) THEN
  SLEEP(1000);

IF FILE.EXISTS(path) THEN BEGIN
  fileRepository_loc.ID := CREATEGUID;
  fileRepository_loc."Resource Name" := fileResourceName;
  fileRepository_loc."Resource Extension" := 'PDF';
  fileMgt_loc.BLOBImportFromServerFile(tempBlob_loc,path);
  fileRepository_loc.FileBlob := tempBlob_loc.Blob;
  ReferenceCode := FORMAT(fileRepository_loc.ID);
  fileRepository_loc."Delete after Download" := TRUE;
  DidPrint := TRUE;
  fileRepository_loc.INSERT;
END;
```

In the report 50050 it has been done so that it can print only for the customer that is in question (the logged in user):

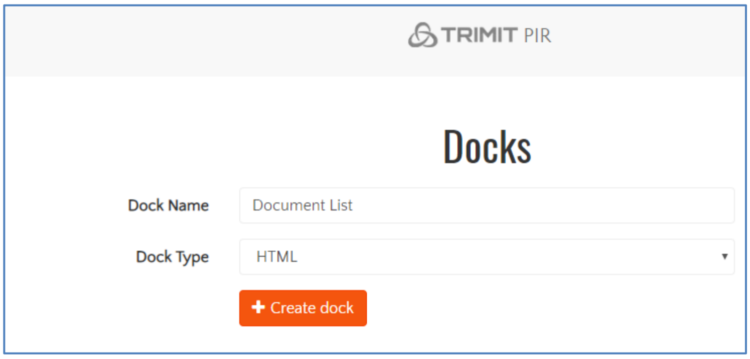


So, the advantage of this approach is that it is now possible to create as many links as needed and get response via the code unit calls. In this way it is possible to create unlimited amount of reports without changing the standard code.

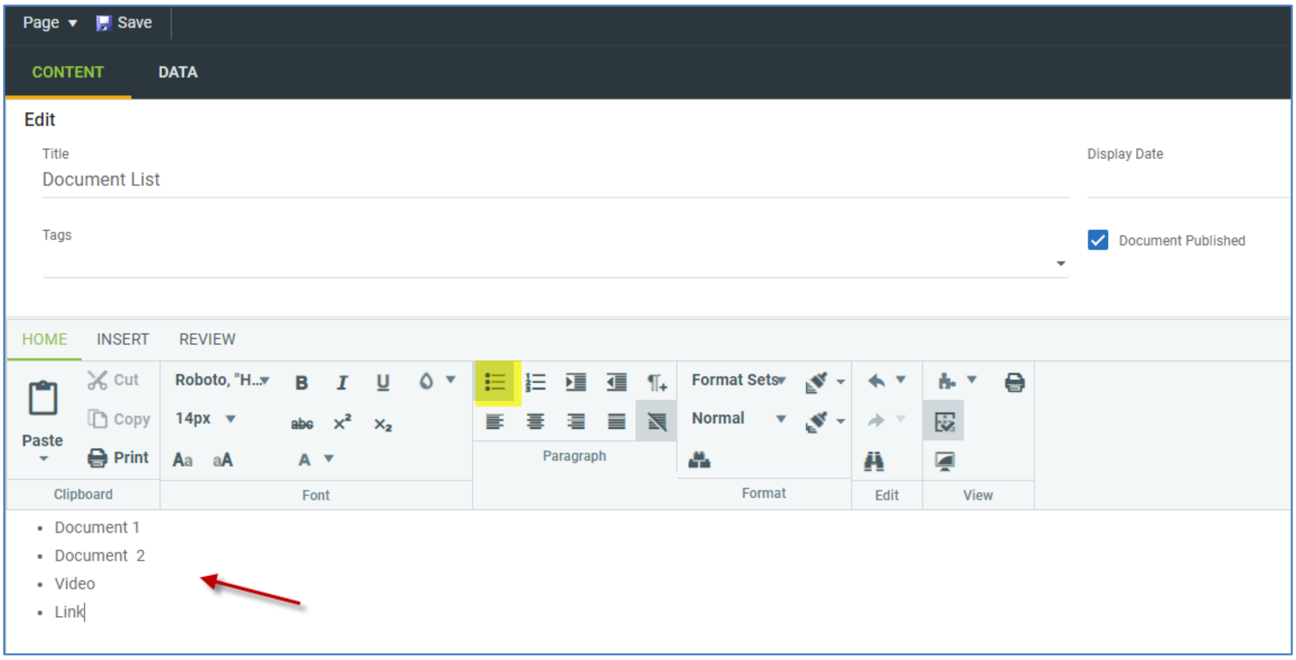
CUSTOM DOCK WITH DIFFERENT FILE TYPES

When it is required to create a dock, which should contain different file types, like documents, videos or links then here is a guide on how to achieve this.

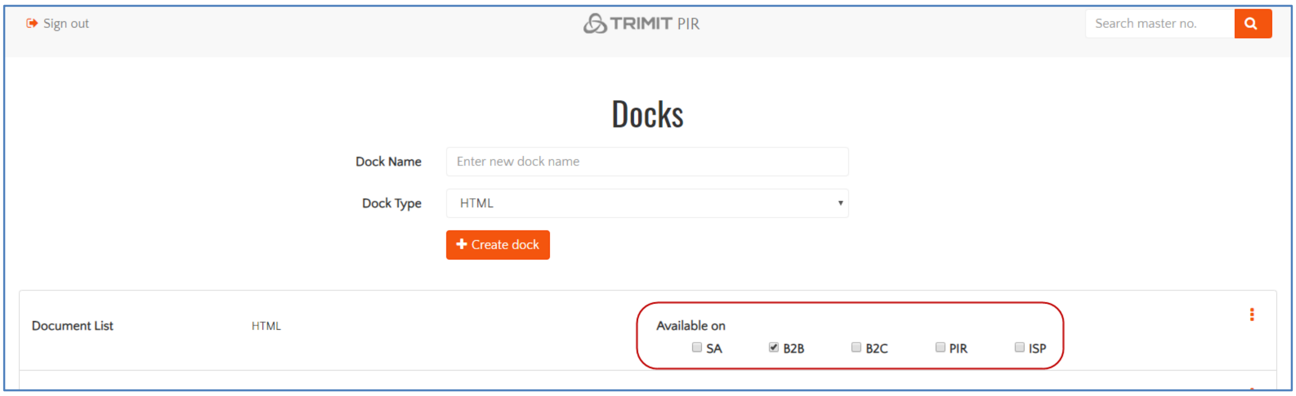
Create a new dock in a PIR with dock type HTML, click **Create dock**:



In HTML editor add a text, which in the next steps will become links (add paragraph for better visualization):

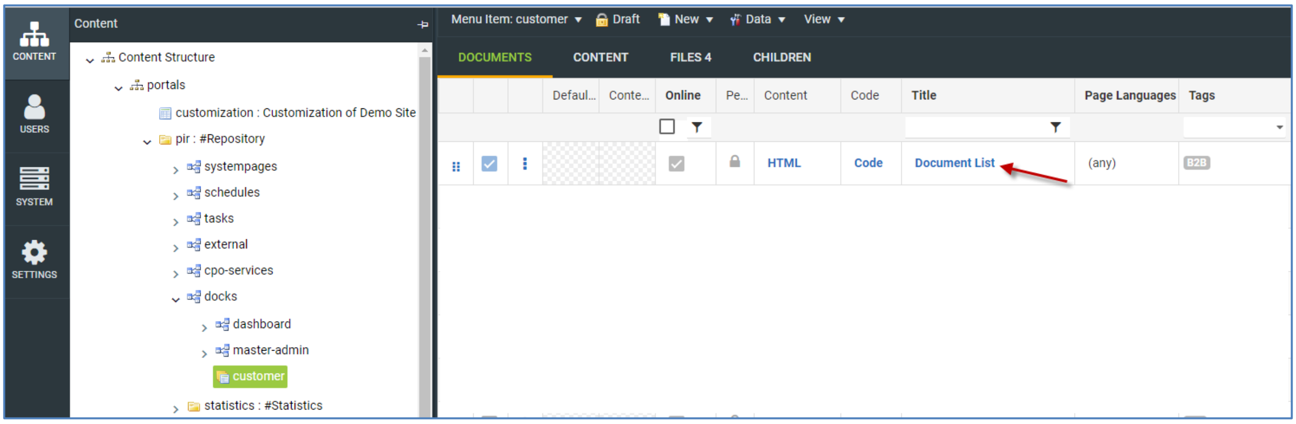


Click **Save** to finish creation the dock. Add ***Available on***:

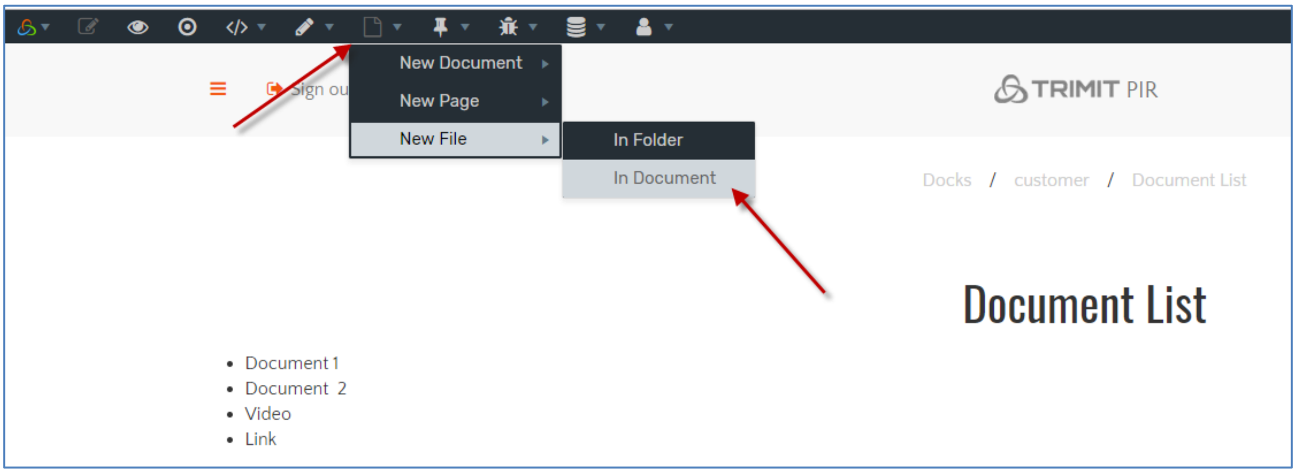


Now it is needed to switch to Modelyn admin. Here in the content structure we need to find the newly created dock. All the custom docks are located in ***/pir/dock/customer***.

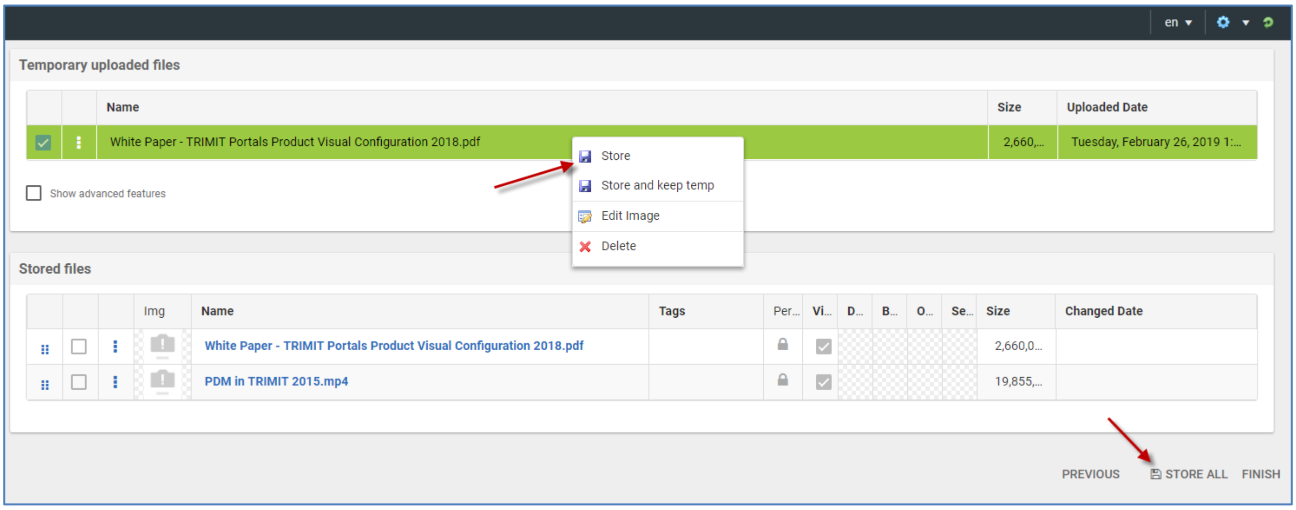
Click on page Title, in Modelyn admin, to open the dock page:



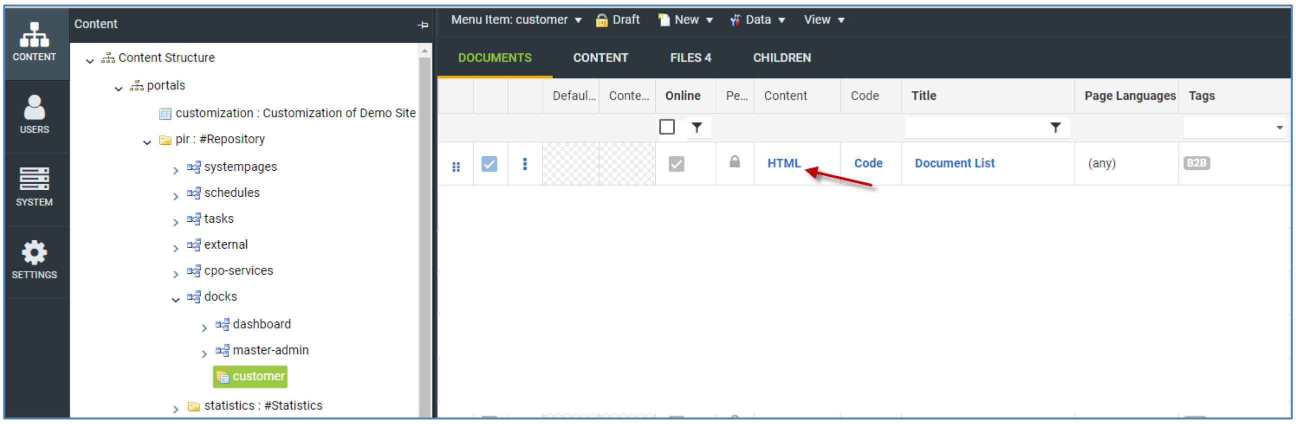
On the dock page – click *New / Create* in the admin helper menu and select ***New File / In Document***.



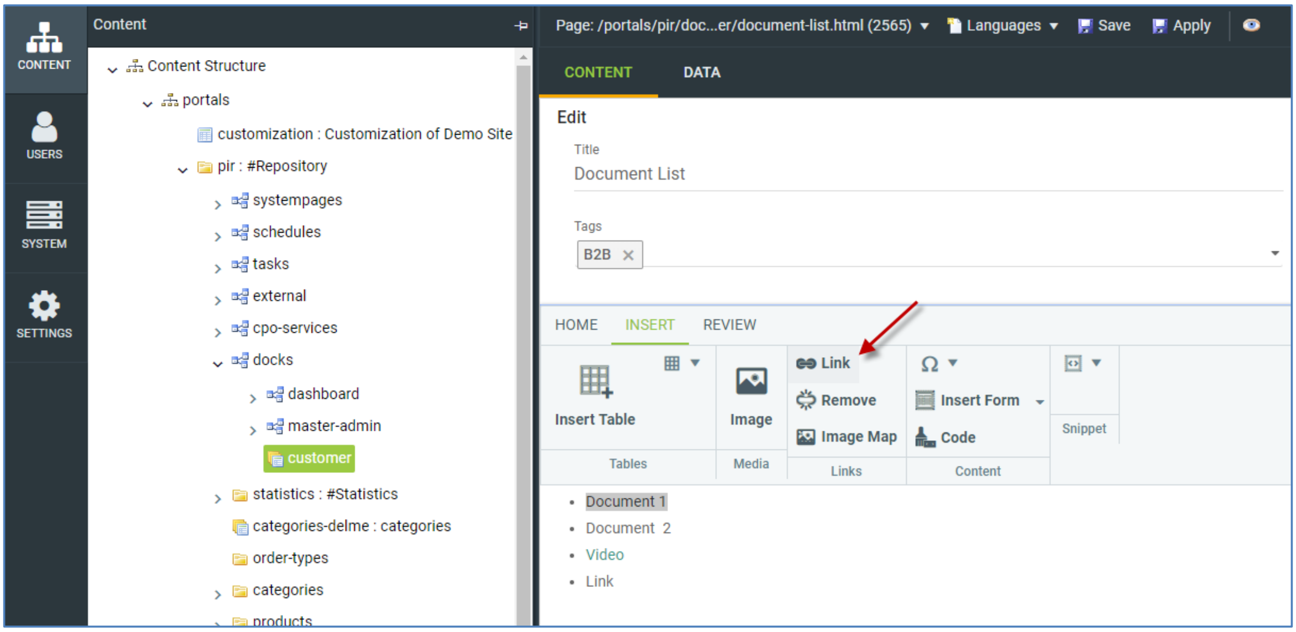
Then follow the wizard (upload file and store, click **Finish** at the end):



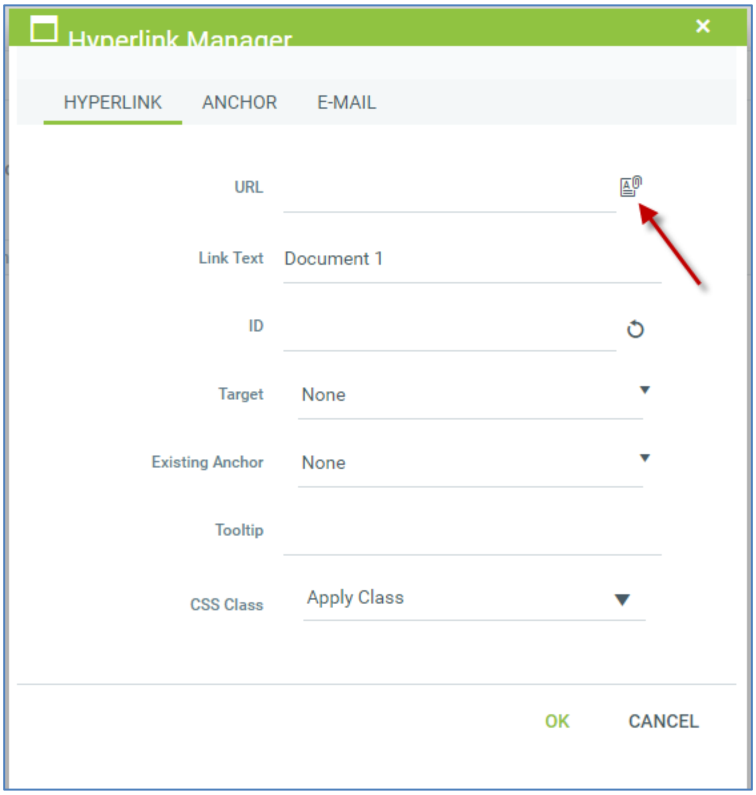
Now open the HTML editor for the dock:



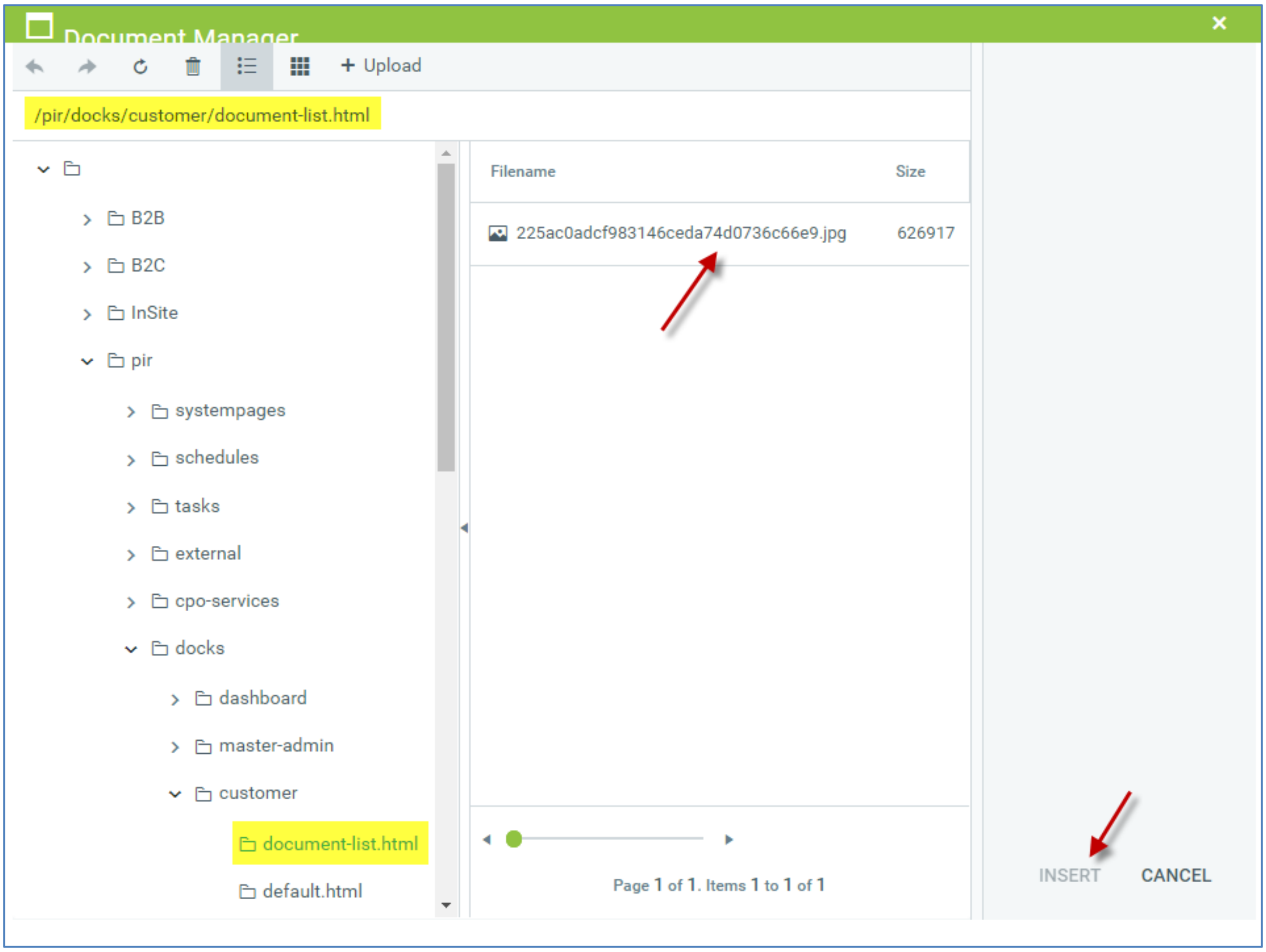
Highlight the text for the link and click *Link* in the header.



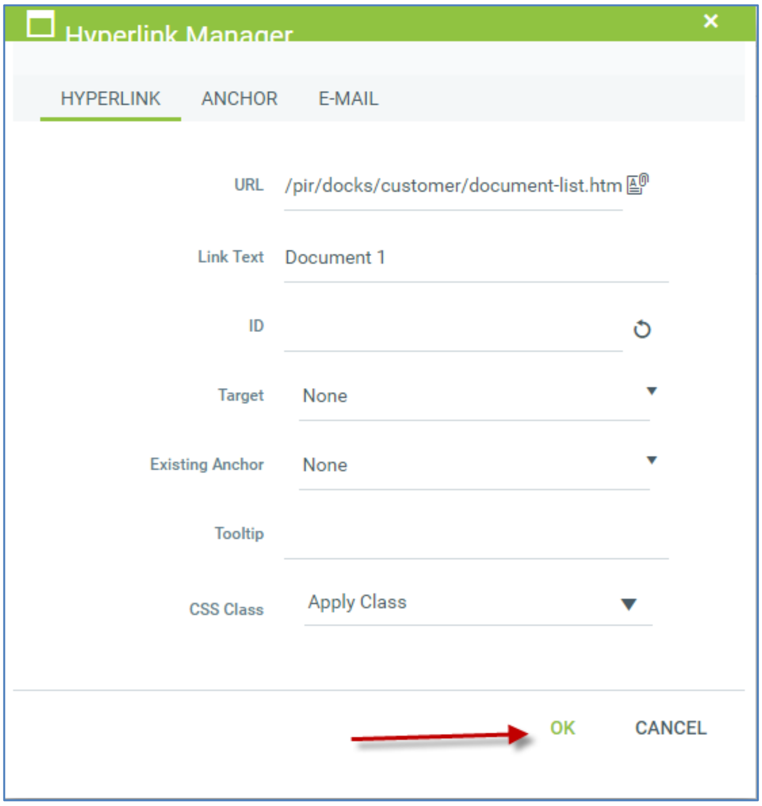
Click the *Document Manager* icon for the **URL** field in ***Hyper Link Manager*** window:



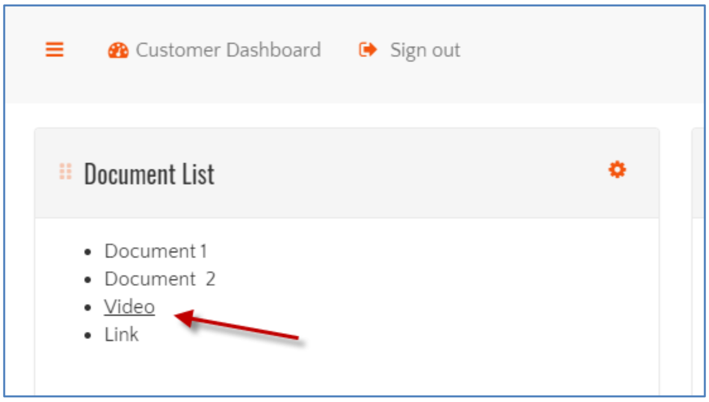
Locate the needed file (the system should find it automatically by default if the files where uploaded to document) and click **Insert**:



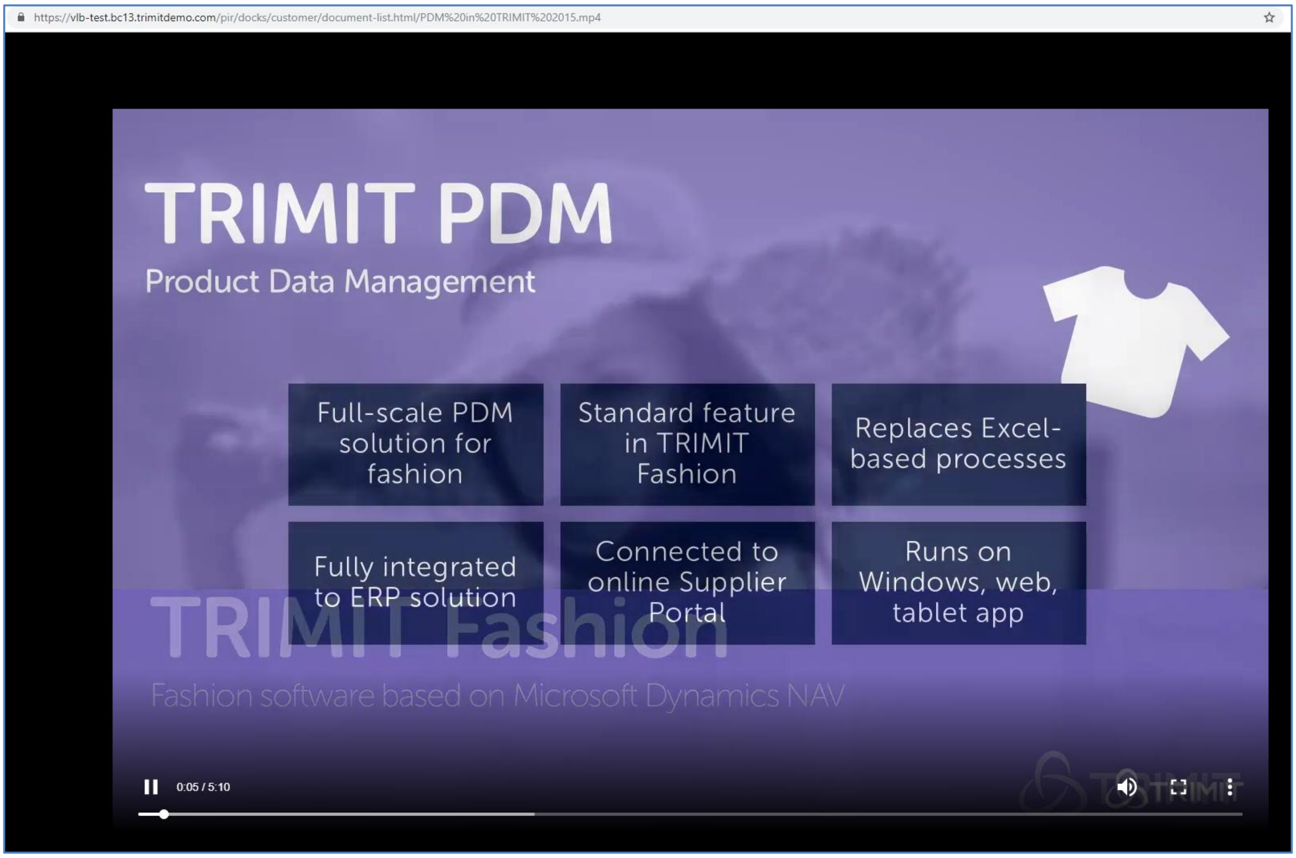
Adjust the **Link Text** and other fields if needed. Click **OK** on ***Hyperlink Manager*** window:



Repeat the link creation procedure for other types of files (image, video).
Here is an example of opening a video file:



The video file begins to play in the same browser tab:

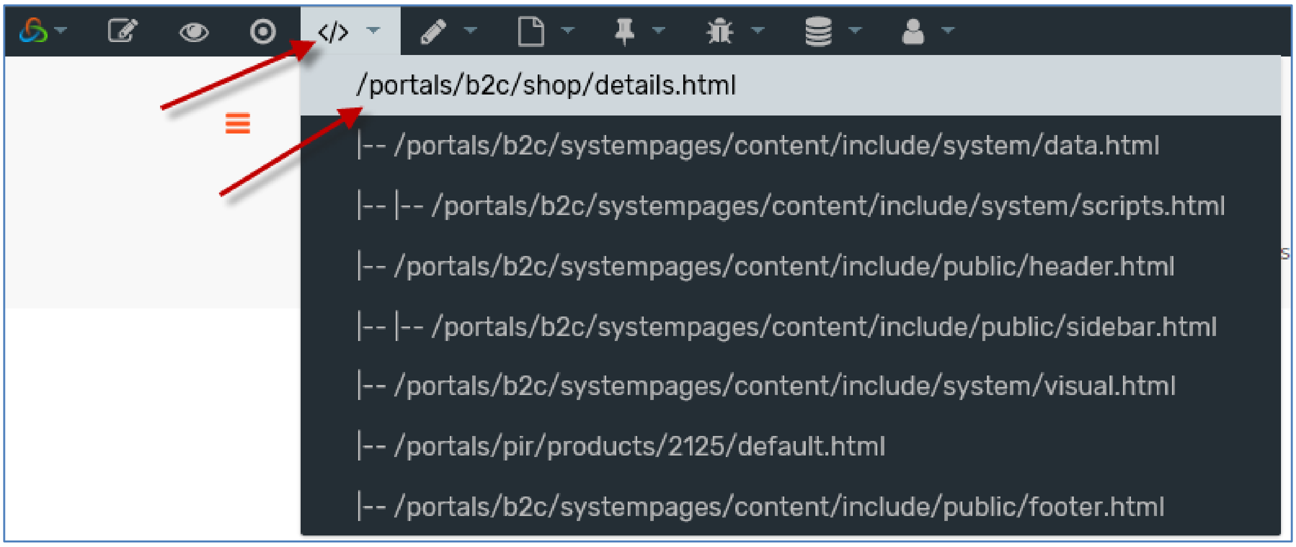


SHOW MORE ADDITIONAL PRODUCT IMAGES ON DETAILS PAGE

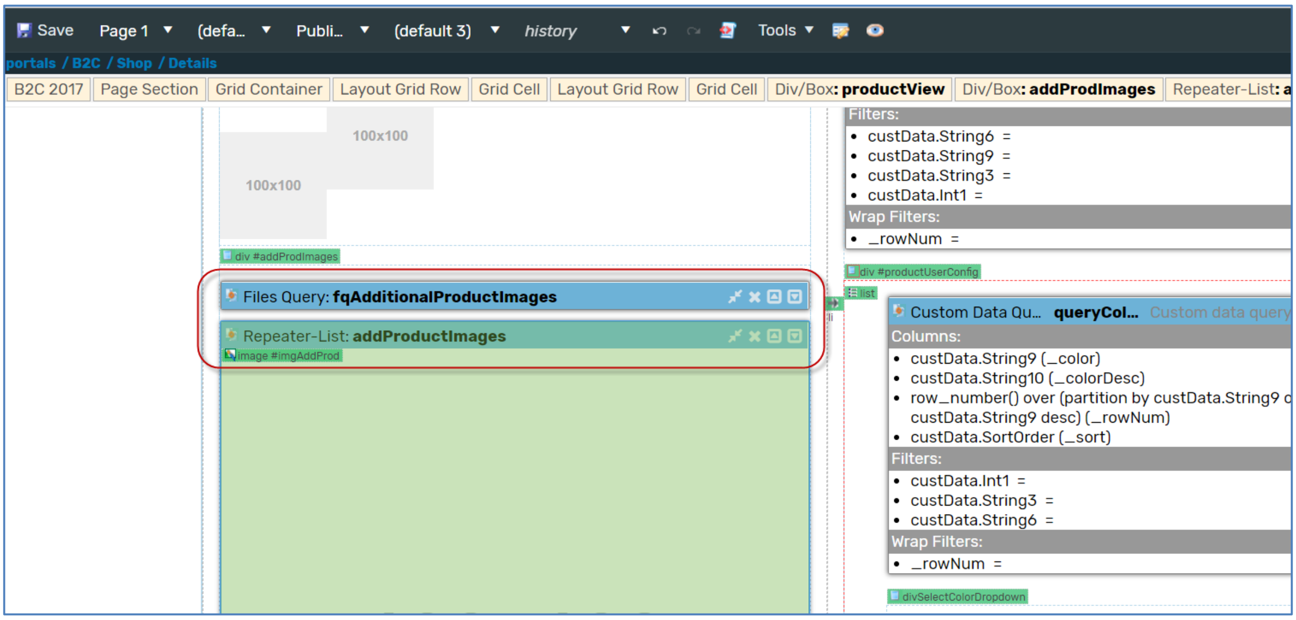
To show more than default 4 additional product images it is necessary to do a relatively small customization. This example shows how to change the amount of additional product images, shown on details page, from 4 to 10. First on B2C web shop. Then on SA portal and B2B web shop.

B2C

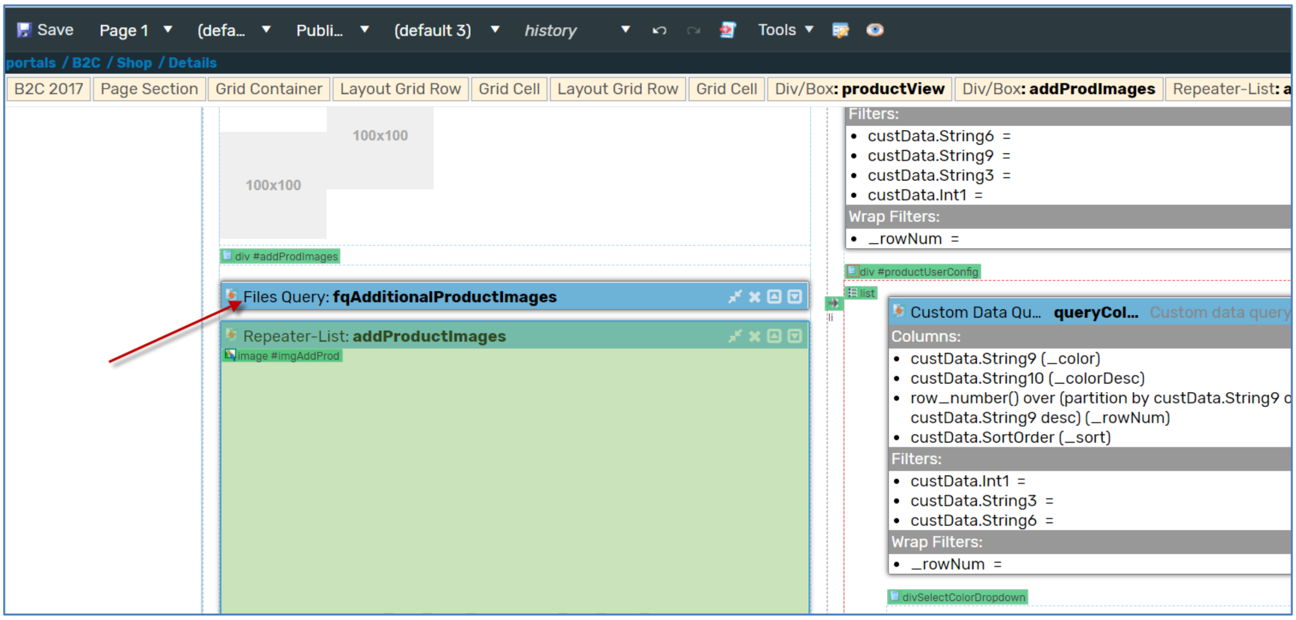
Open Google Chrome.
Log in to portals as administrator.
Open e.g. B2C product details page (any product).
Open PLE (Page Layout Editor) as follows:



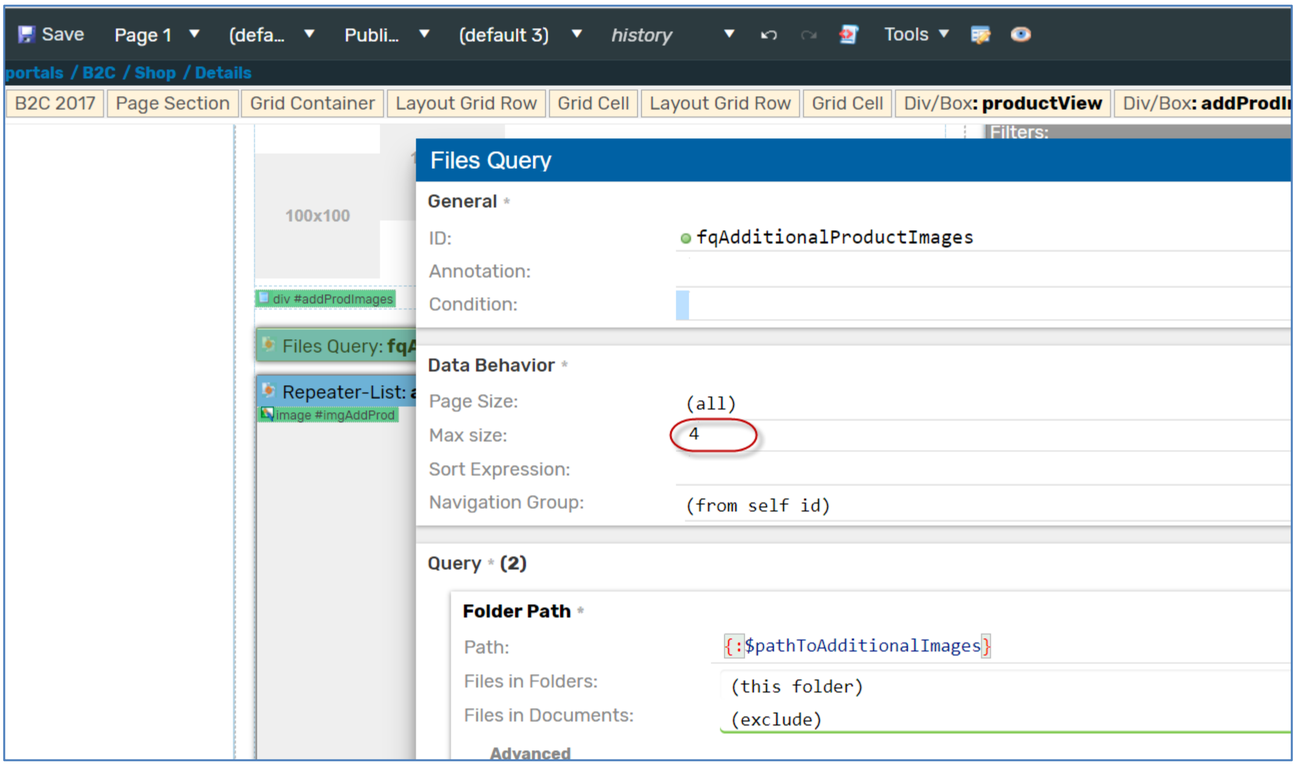
Locate 2 controls: **fqAdditionalProductImages** and **addProductImages**:



Double click on control **fqAdditionalProductImages**:

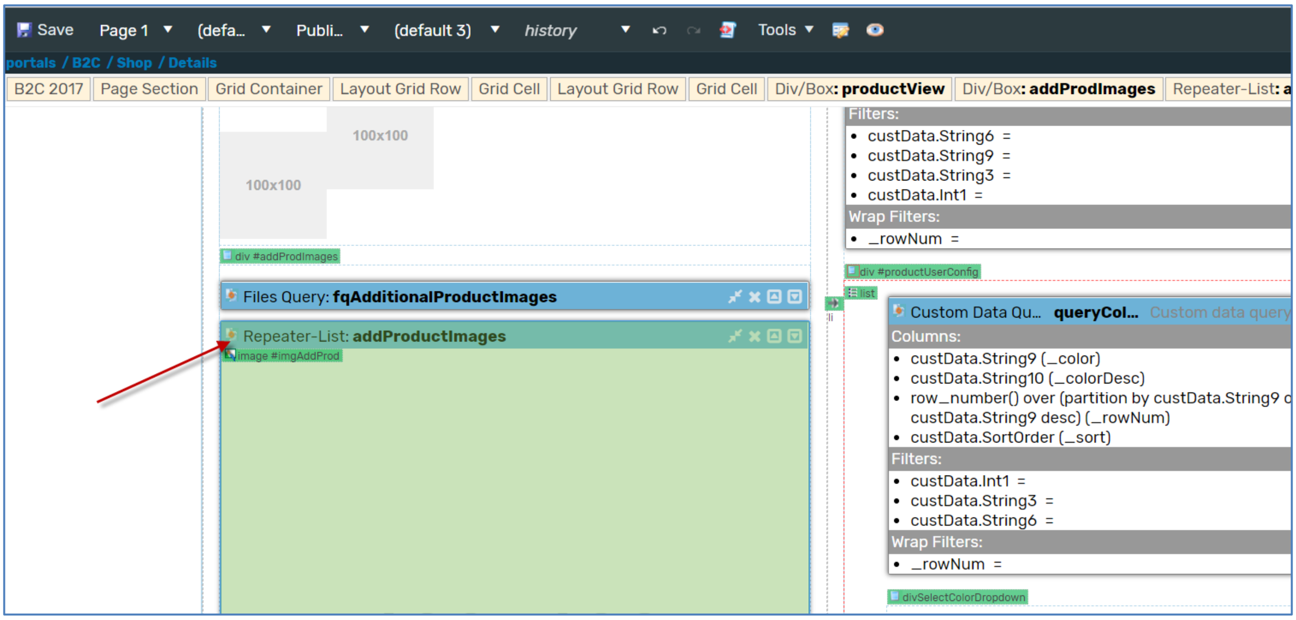


In the control properties window, change Max size, under Data Behavior, to 10:

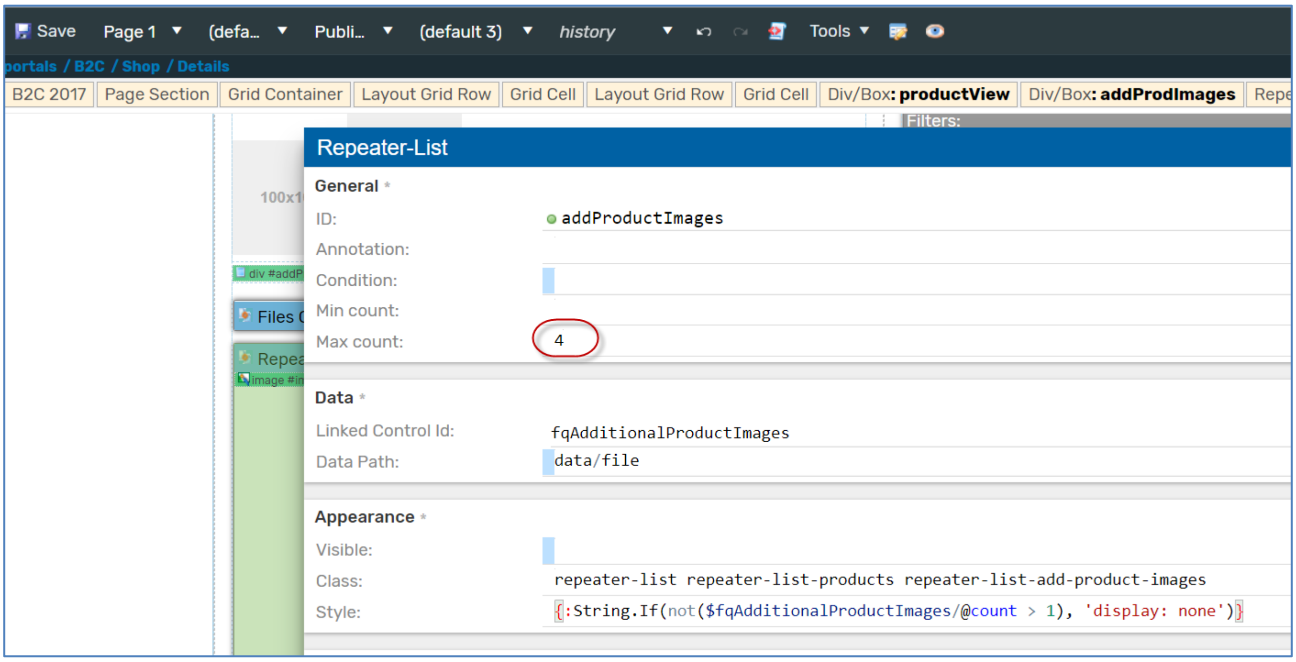


Close the control properties window by clicking Escape.

Now double click on control **addProductImages**:

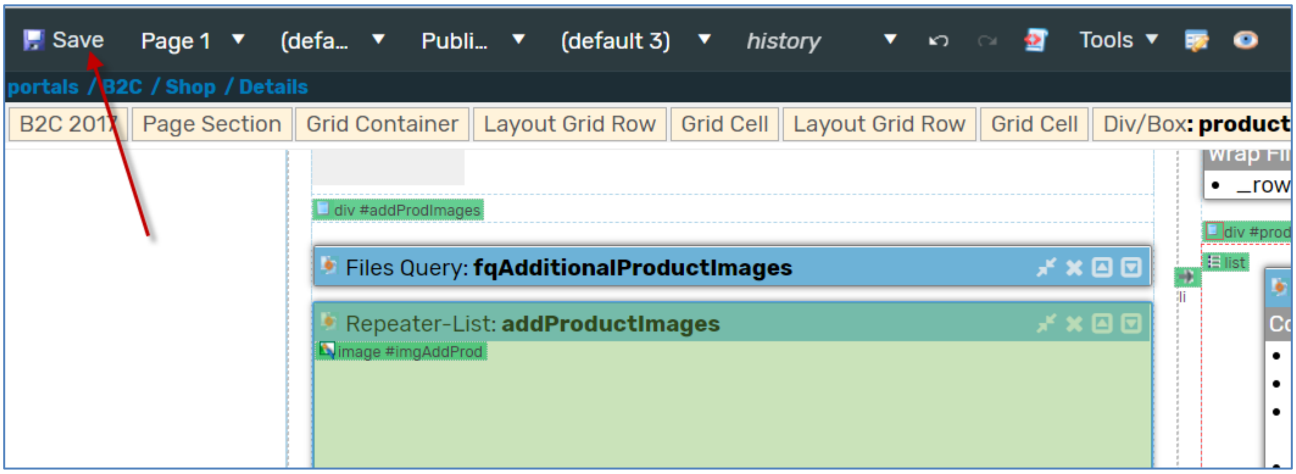


In the control properties window, change Max count, under General, to 10:



Close the control properties window by clicking Escape.

Click **Save** to save all the changes made in PLE:



Now 10 latest uploaded images (in PIR) will be shown on product details page.

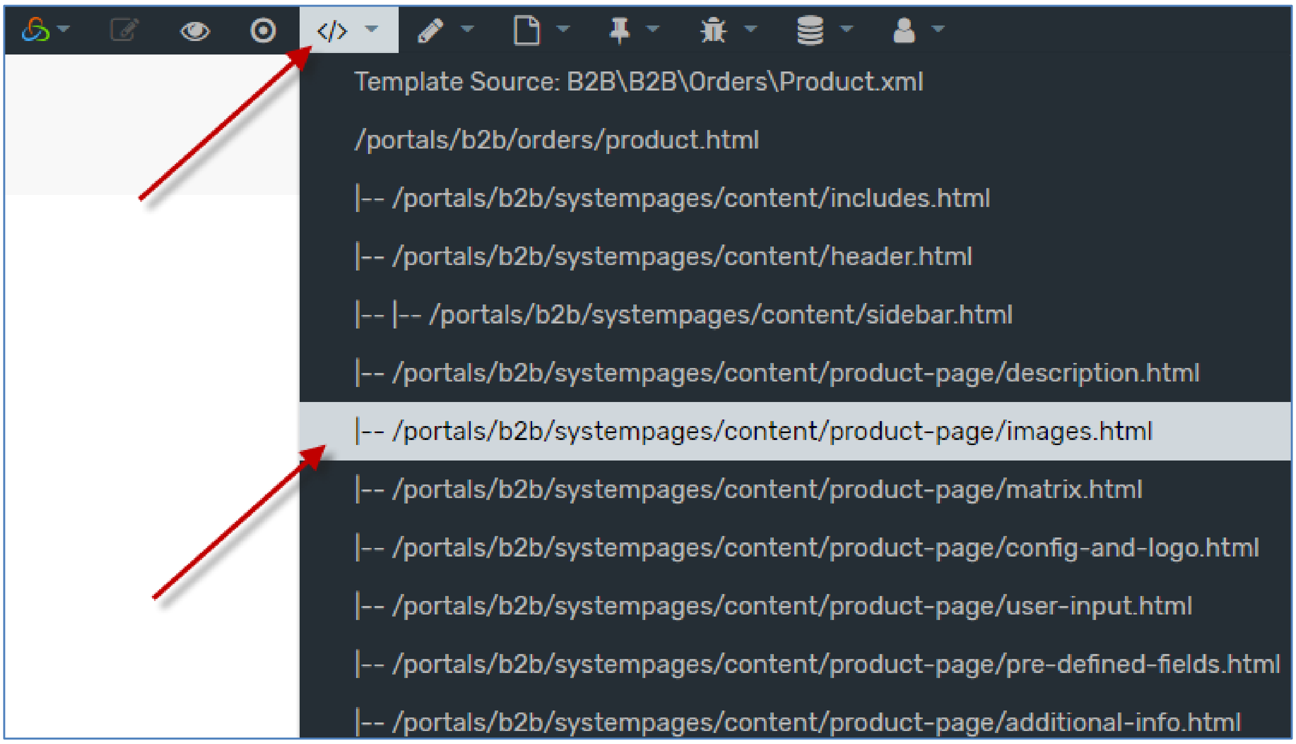
B2B and SA

Open Google Chrome.

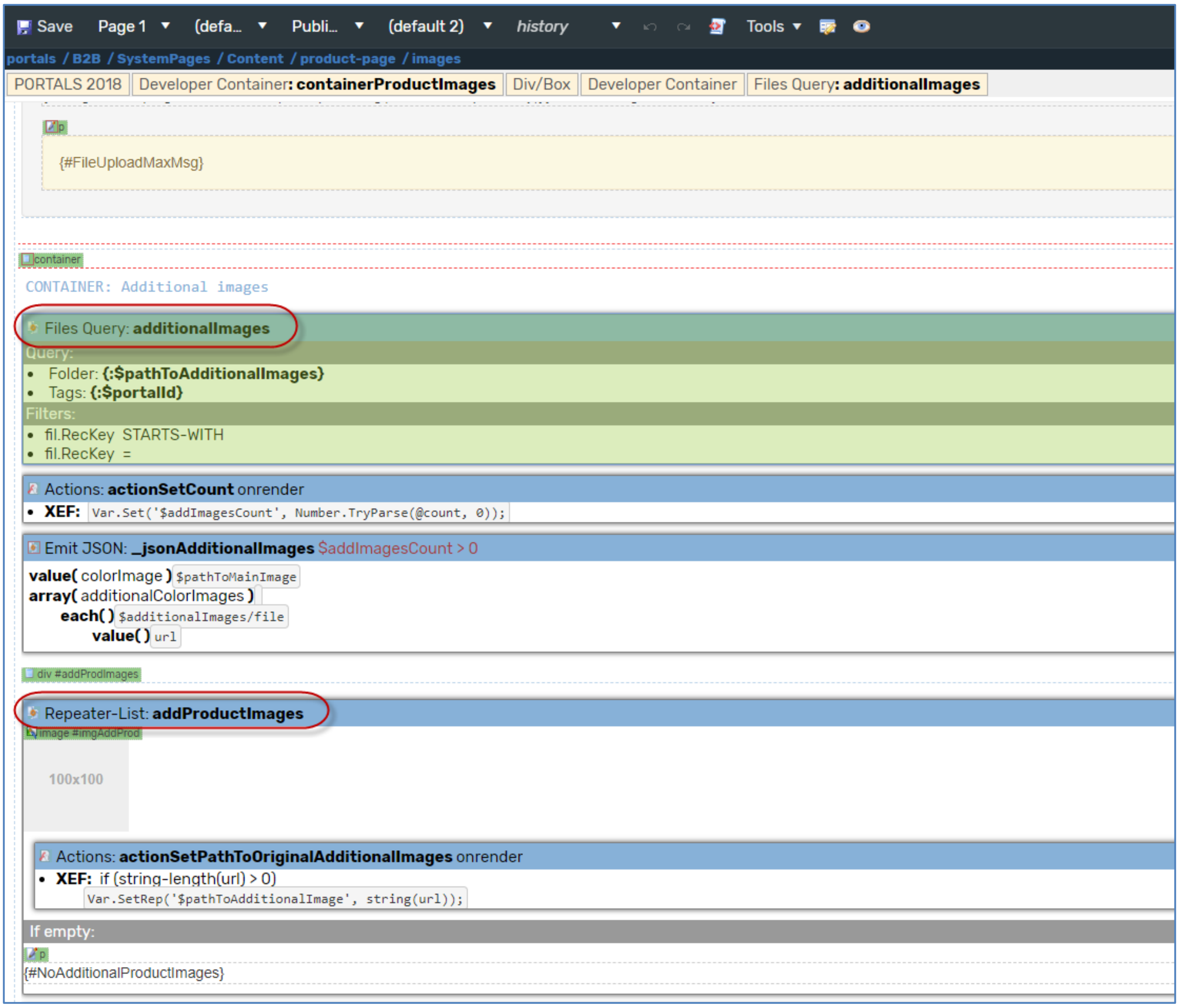
Log in to portals as administrator.

Open e.g. B2B product details page (any product).

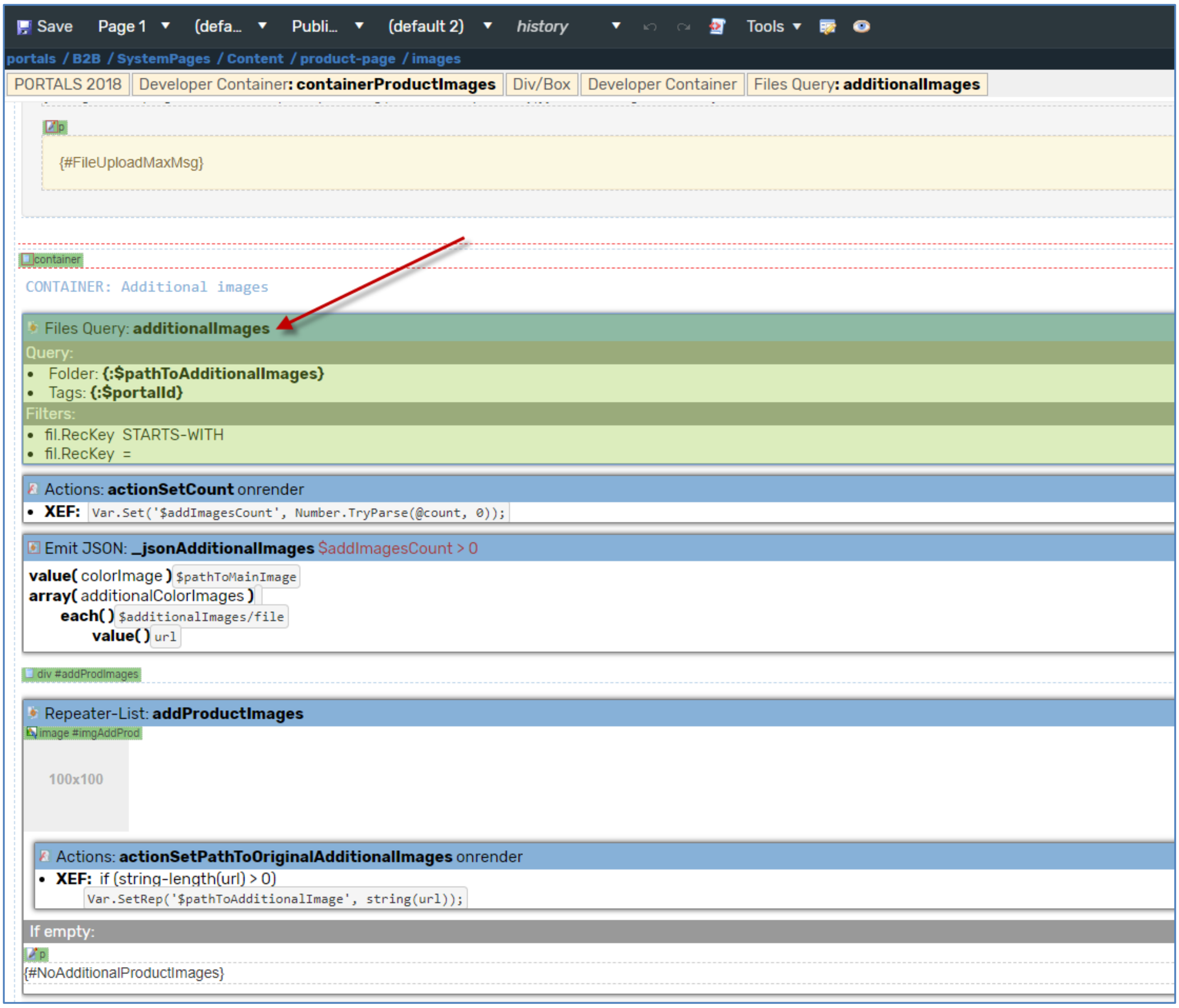
Open PLE (Page Layout Editor) as follows:



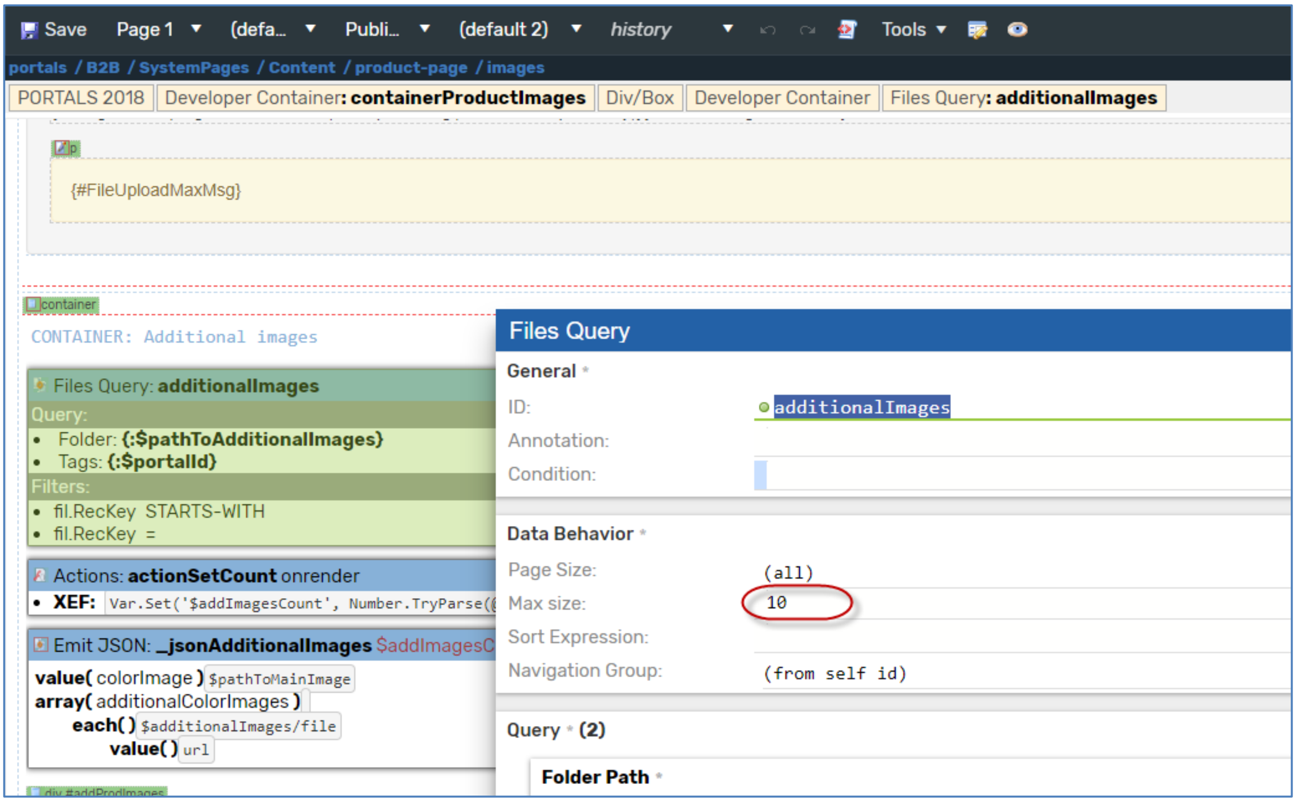
Locate 2 controls: **additionalImages** and **addProductImages**:



Double click on control **additionalImages**:

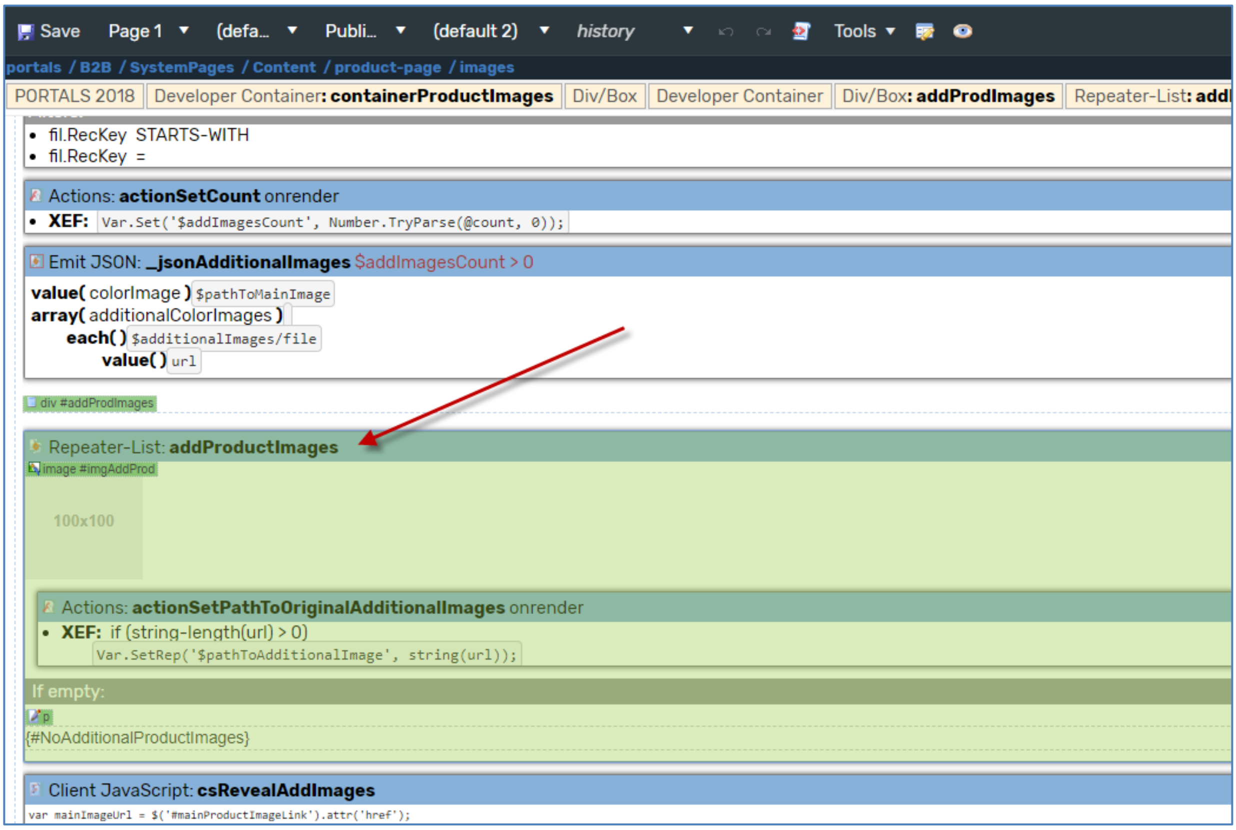


In the control properties window, change Max size, under Data Behavior, to 10:

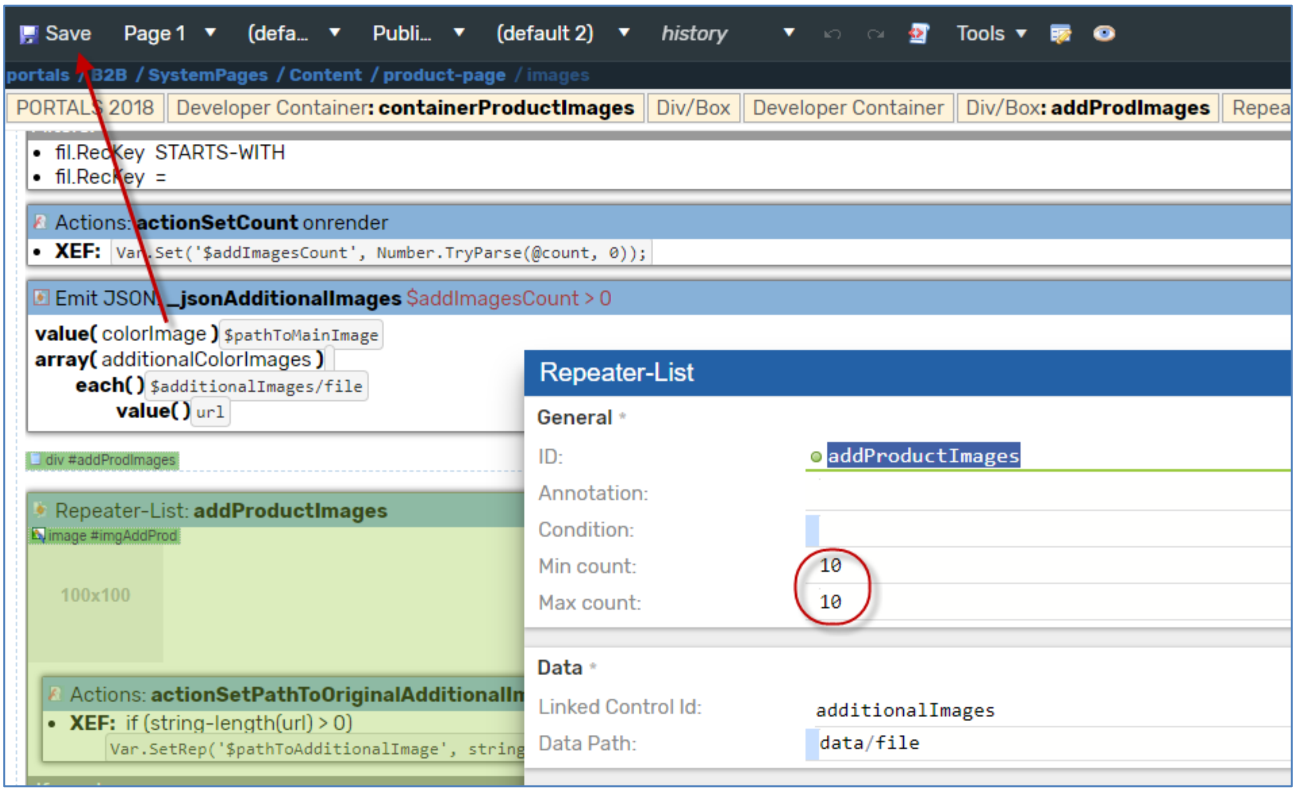


Close the control properties window by clicking Escape.

Now double click on control **addProductImages**:



In the control properties window, change Min Count and Max count, under General, to 10:



Close the control properties window by clicking Escape.
Click **Save** to save all the changes made in PLE.

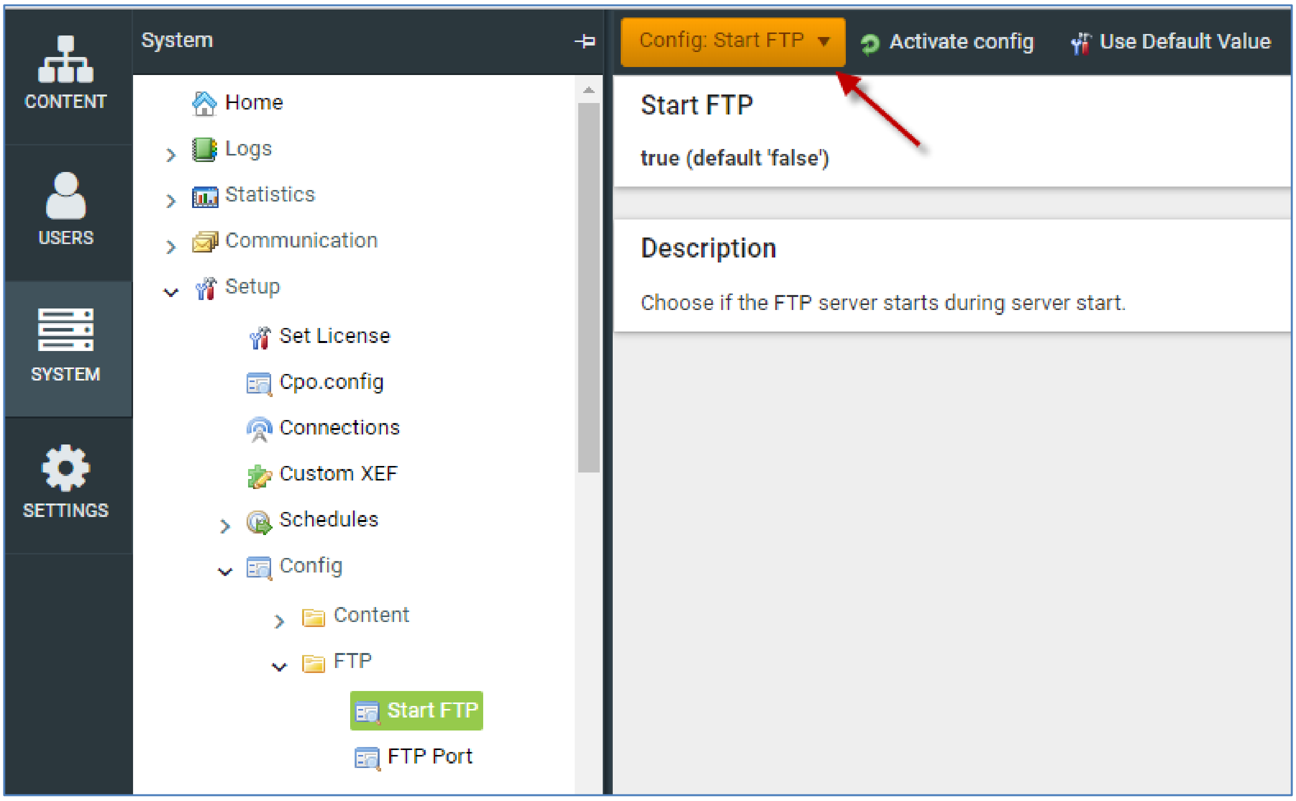
Now 10 latest uploaded images (in PIR) will be shown on product details page.

UPLOAD PRODUCT IMAGES TO PORTAL VIA FTP

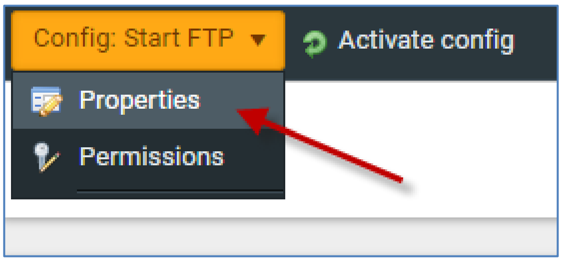
In cases where there has to be uploaded a large number of files to the portal (tested number of files is up to 4000 and a size of 400 MB) we recommend using the FTP protocol.
Explanation: we do not advise to use the web interface for large batch uploads, this is not related to issues in the Portals, but because the web browser in general handles a large number of files poorly, among other, because it runs through the HTTP protocol. In general, we always recommend using FTP as it is a much more stable process when dealing with large quantities of files.

USING FTP ON PORTALS

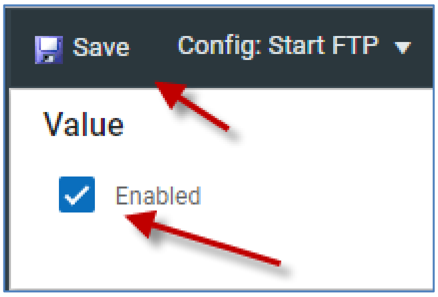
Start the FTP in Modelyn admin under ***System / Setup / Config / FTP / Start FTP***



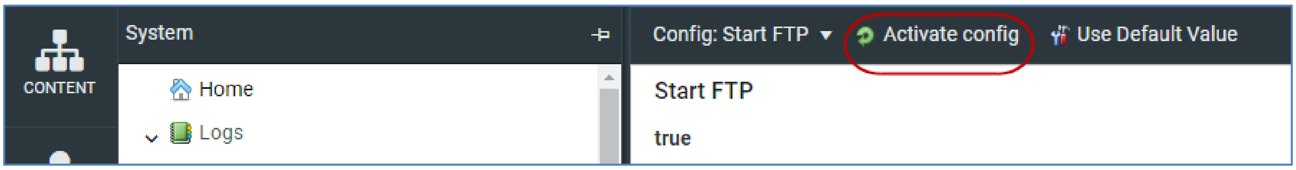
Click **Config: Start FTP** and select *Properties*



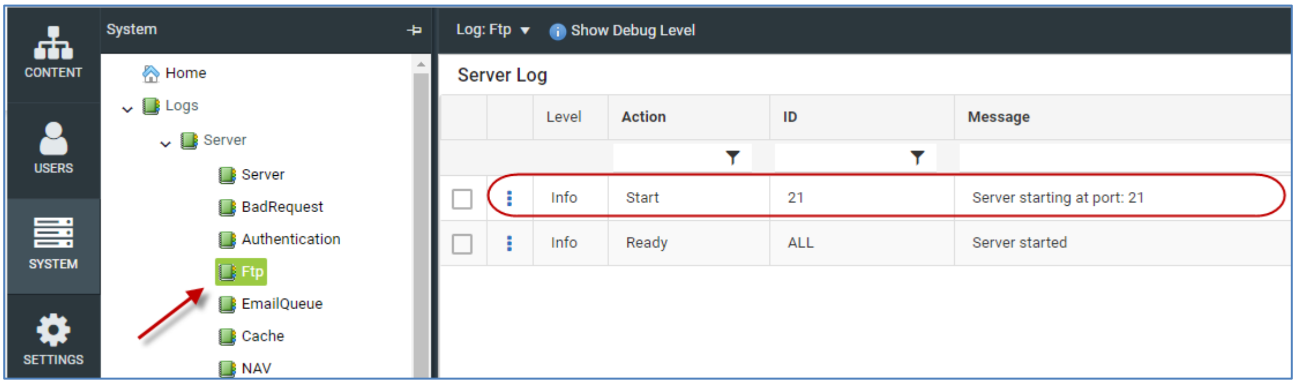
Click **Enable** and **Save**



After this it is important to click **Activate config** button and reboot the portal solution in IIS.



To check that FTP is now active on a correct port number – go to FTP log under ***System / Logs / Server / FTP***.



It should be possible now to access the portal product image folder, with the following full path (this may require admin login credentials):
[*ftp://<full portal domain name>*/WebContent/pir/products/](ftp://<full portal domain name>/WebContent/pir/products/)

The script in ***/pir/products/*** folder will move the images to respective product folders. Image naming convention should be followed in this case.