

WHITE PAPER

TRIMIT E-commerce Writer JAN26

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Introduction

This document describes the functionality, setup, configuration, and usage of the **TRIMIT E-commerce Writer** application. **Writer** is part of the Modelyn app framework and is used for creating, managing, and publishing structured content such as news articles, blog posts, and internal communications across TRIMIT e-commerce portals.

The purpose of this white paper is to provide consultants and advanced users with a detailed understanding of how **Writer** is installed, configured, and used in practice. The document focuses on TRIMIT and Modelyn-specific functionality and does not cover standard Microsoft Dynamics 365 Business Central features.

The functionality described is the functionality as of **TRIMIT 25.2 for Business Central W1 BC27.X**. The pictures in this White Paper are based on the demo data for **TRIMIT 25.2**, which is based on Microsoft Dynamics 365 Business Central 2025 Release Wave 2, in the demo company **CRONUS TRIMIT W1 Ltd.** (based on CRONUS International Ltd. of Microsoft Dynamics 365 Business Central).

Overview of Writer

Writer is a TRIMIT e-commerce application designed to simplify content creation and publishing within portals. Instead of relying on traditional HTML editors, Writer provides a structured interface that allows users to create content without technical knowledge.

The key purpose of Writer is to make content management accessible while maintaining consistency and control. It eliminates the need for users to work with HTML, reduces complexity by avoiding branching, and integrates directly with the Modelyn portal ecosystem.

Writer is typically used for:

- Publishing news articles
- Maintaining blog-style content
- Communicating internal or external updates

Modelyn Apps Framework

Writer operates as part of the Modelyn apps framework (from version 7.7.0). Modelyn apps are modular components that provide specific functionality within TRIMIT e-commerce. Can be found in Modelyn admin under: *Content/Content structure/<portal>/mdlN-apps*.

The following apps are currently available:

- **Core:** Provides shared functionality required by all Modelyn apps. This app is mandatory and must always be installed.
- **Writer:** Enables content creation and publishing.
- **Unread:** Tracks which content items have not yet been viewed by users.
- **Comment:** Allows users to add comments to content items.
- **Reaction:** Enables reactions such as likes or emojis on content.
- **User:** Provides user-related functionality.

Each app is independent but may depend on Core for shared logic.

Installation

Standard Installation Structure

All Modelyn apps must be installed in a root folder named:

/mdlN-apps/

From release *Ecommerce-JAN26-release-001*, this folder is already included in the following portals:

- B2B
- Sales Agent
- PIR

These portals already contain the following apps:

- Core
- Writer
- Unread

The following apps may additionally be imported into TRIMIT B2B and SA:

- Reaction
- Comment

The Modelyn App **User** contains a set of files required for authentication purposes.

This is only applicable to stand-alone websites based on Modelyn and is not used for TRIMIT B2B, SA, or PIR. Therefore, **User** app should not be imported into B2B, SA, or PIR.

Installing Additional Apps

Additional apps such as Reaction or Comment can be installed when required.

For this step, we assume that you have created and selected a new branch.

1. Right-click on the `/mdlN-apps/` folder, of your e.g. B2B portal, & select *New Child*
2. Select **Type** -> **Import**
3. Select the relevant package (e.g. Reaction)
4. Click **Finish**

Start from scratch

If your Portal does not have a `/mdlN-apps/` folder, you need to:

1. Right-click on your root folder, such as ``B2B`` & select ``New Child``
2. Enter ``mdlN-apps`` in the Name field
3. Leave all other settings as default and hit ``Finish``
4. Import an app for ``Core``
5. Import an app for e.g. ``Reaction``

NOTE: ``Core`` is essential as it contains code that is common to all other Modelyn apps.

Writer pages

Writer has the following pages:

- **List:** see your list of items
- **View:** view a single item
- **Editor:** edit or create a new item
- **Config:** place to configure Writer settings
- **Core:** some Writer-specific core functionality
- **Custom:** place to put custom code
- **Templates:** different templates for

NOTE: all necessary pages have injection points for custom headers, footers, templates, etc. So only make changes in the ``custom`` page. This way, you stay to the standard solution and can get future upgrades without merging content.

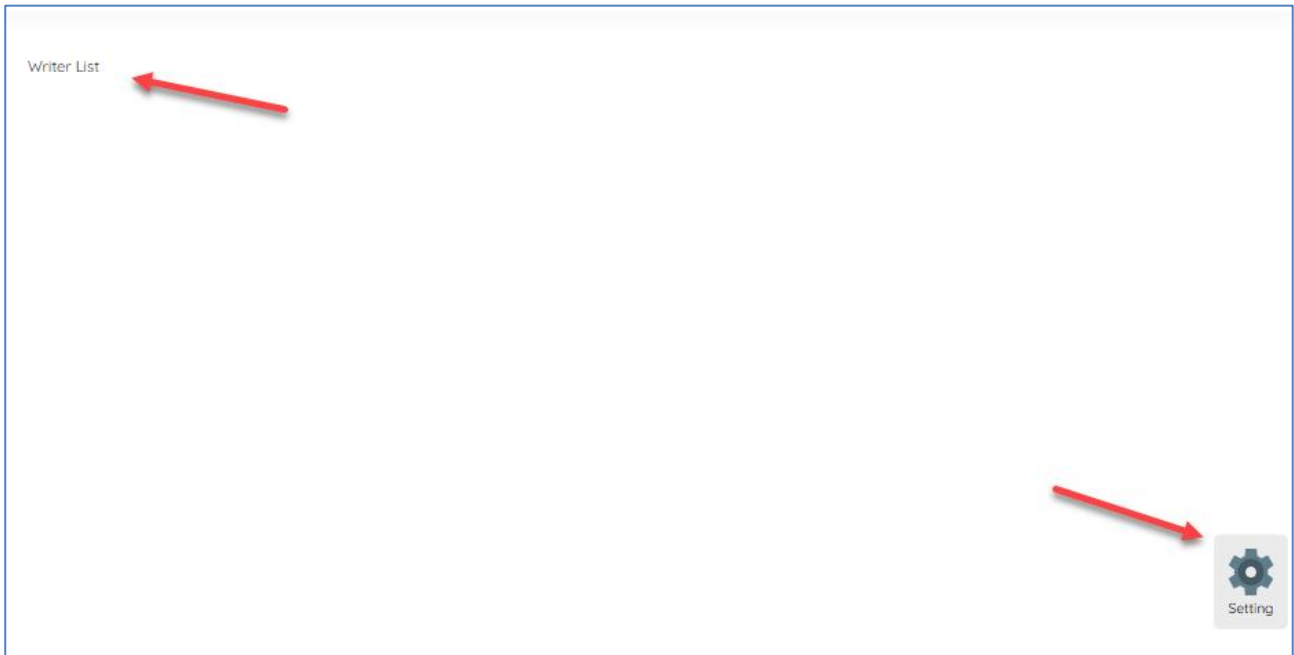
Configuration

License

Writer requires a separate TRIMIT license. More info and prices can be found in myTrimit:
<https://my.trimit.com/sales/pricing/>.

Configure

When you are logged in to e-commerce portal for the first time as either an *Administrator* or *Editor*, you will see a **Setting** icon on the right side of the **Writer list** and **view** pages, e.g. <your domain>/news/.



Click on **Setting** to enter the *Writer Configuration* page.

Mdln-apps / Writer / Writer Config

Configuration

Enabled: I acknowledge that I have a license for the Writer App

List

Hide on Page: Page Navigation
 Unread Buttons
 Subscribe Buttons

Hide in List: Banner
 Author / Info
 Files
 Main Media (YouTube)
 Tags
 Title
 Like / Reaction
 Comment

Author / Info Template: Author (with Image) and long date

View

Hide: Banner
 Author / Info
 Files
 Main Media (YouTube)
 Tags
 Title
 Like / Reaction
 Comment

Author / Info Template: Author (with Image) and long date

Permissions

White List:

If you have purchased the license, then you can enable the checkbox, **"I acknowledge that I have a license for the Writer App"** and hit **Save** in the bottom of this page. This will allow you using Writer to publish the content.

Description of the Writer Config

List

Show or hide various page elements and choose author / info template for the list page

View

Show or hide various page elements and choose author / info template for the view page

Permissions

Depending on the selection in these fields, the corresponding values will appear/disappear (depending on whether it is in White- or Blacklist) in section **Permissions** in Writer Editor when creating a news item in TRIMIT Writer.

Choose **White List** and **Black List** for each new item that is created. Both drop down lists have the following options:

- APlusers – users from the user group **APlusers** in Modelyn admin
- CrossLogin – users from the user group **CrossLogin** in Modelyn admin
- Portals – users from the following user groups: **SA**, **B2B**, **Supplier** and **Insite** in Modelyn admin
- ThePortal – users from the following user groups: **Editors**, **UserManagers**, **Translators** in Modelyn admin

In **Owner Delete** drop down field - allow owner (person who creates a new item) to delete that item and within which time frame.

NOTE: if you want to delete a published news item (also after time has expired) – open this new item settings and remove checkmark **Published** under **Options** and save. Then, in Config settings set **Owner Delete = Always** under **Permissions**. Then open this item settings again and under **Options** click **Delete** button.

Banner

Whether or not a new item banner is mandatory. Note that banners for Portals are to be uploaded to `/pir/images/banners/files/ files for Folder` in Modelyn admin content structure. If there are no uploaded banners, users will not be able to choose one when creating a new item.

Messaging

Group Choices - groups to which users can subscribe, i.e. notification groups. This will be either the main group, which you can call e.g. `b2bNews`, or tags - in which case, the Group Choices values must match precisely the names of the Tags section set below on Config page. Syntax for group choice values:

- must be written in camel case (start with lower case, every next word without space and with a capital letter)
- each group must be separated by a semi-colon, `;`
- group choice may NOT contain space or special characters
- these values will be presented to the user on the list page dropdown. See below for syntax:

b2bNews;

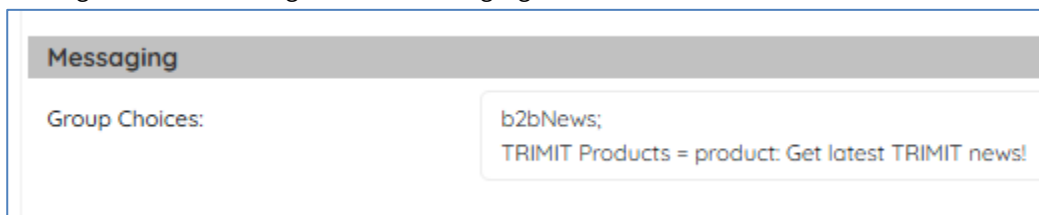
TRIMIT Products = product : Get latest TRIMIT news!

In the above example, there are two groups.

1. `b2bNews`: main group for the B2B news list
2. `product`: a subgroup which matches a tag called `product`, has a label called `TRIMIT Products`, with a description of `Get latest TRIMIT news!`

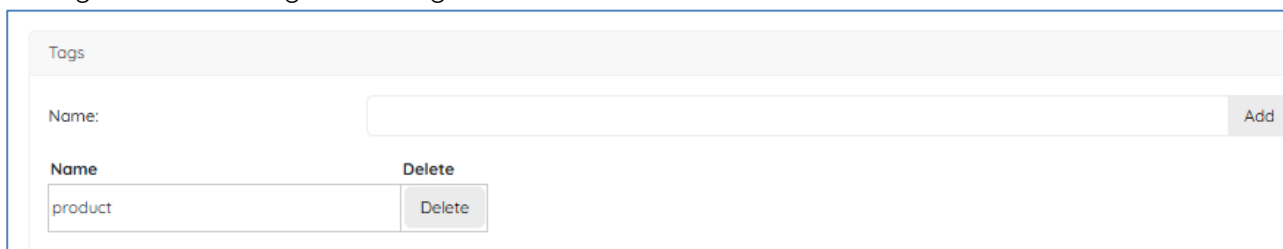
Failure to adhere to the naming rules, will result in an error upon `Save`. In which case, go browser back, change it, and try again

Setting on Writer Configuration, Messaging section:



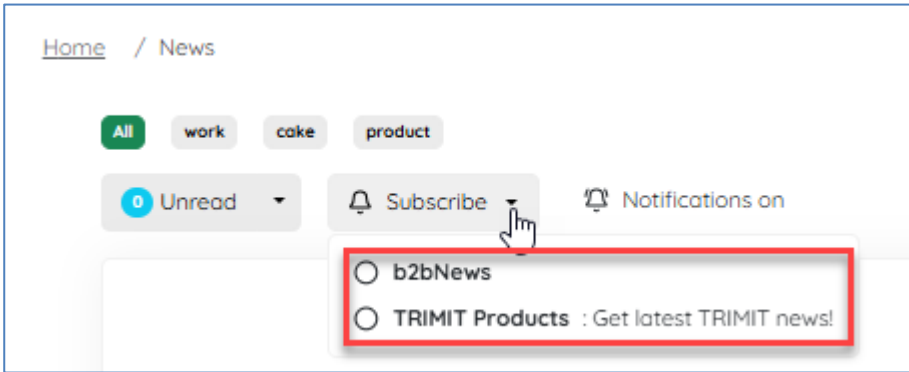
The screenshot shows a configuration window titled "Messaging". Under the heading "Group Choices:", there is a text input field containing the text "b2bNews;" followed by "TRIMIT Products = product: Get latest TRIMIT news!".

Setting on Writer Configuration, Tags section:

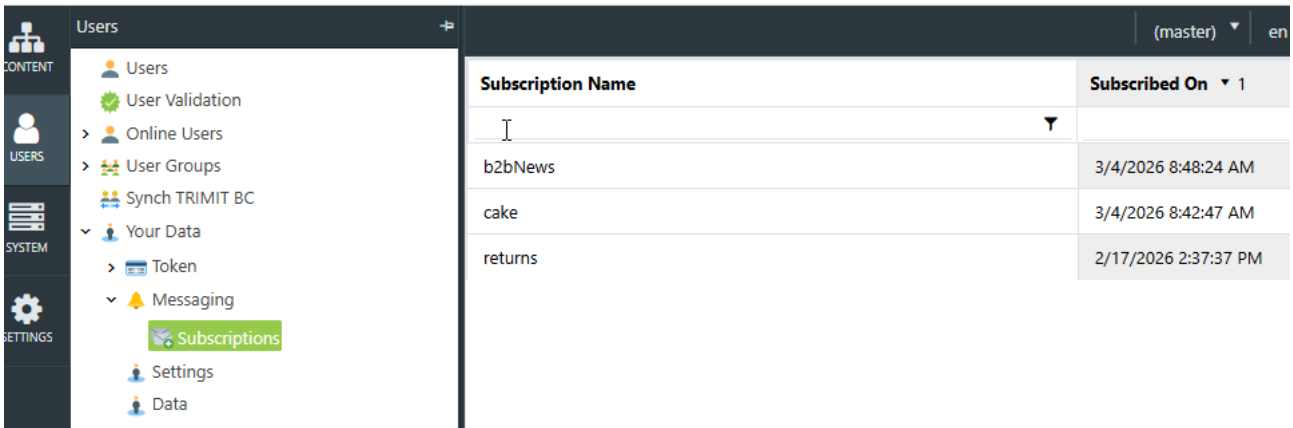


The screenshot shows a configuration window titled "Tags". It has a "Name:" label followed by an empty text input field and an "Add" button. Below this, there is a table with two columns: "Name" and "Delete". The "Name" column contains the text "product", and the "Delete" column contains a "Delete" button.

Representation on Writer news list



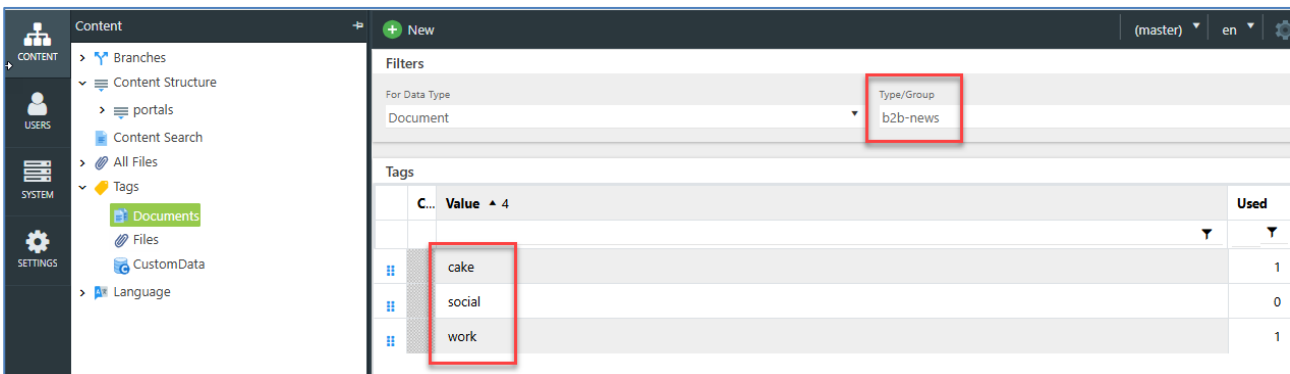
Existing Groups – this setting could be hidden from the users and not displayed. But it shows to which groups all users have been subscribed. Existing subscription for all users in Modelyn:



From Tags – when you create a new news item, when you select a tag (in the top of the page) then the corresponding messaging group will be selected automatically (in section Messaging in Writer editor page when creating news item). So, if set to *TRUE* – it just allows this automatic check setting.

Tagging

Type Name – this is for the name of the tag group. E.g. *B2B-News* (name can contain dashes etc) can contain sub tags like: *cake*, *social*, *work*. But these sub tags must be specified under **Tags** section on the **Writer Config** page – type manually and click **Save**. Tag Group and related tags can be viewed in Modelyn:



Filtering – if you want to see those tags in the top of the news list and thus filtering on those.

Mandatory – if tags must be selected while creating a new news item

Reaction Emojis

Besides the reaction emoji defaults, choose which, from the available tags, you wish to present (only relevant if you have also imported the `Reaction` app)

Tags

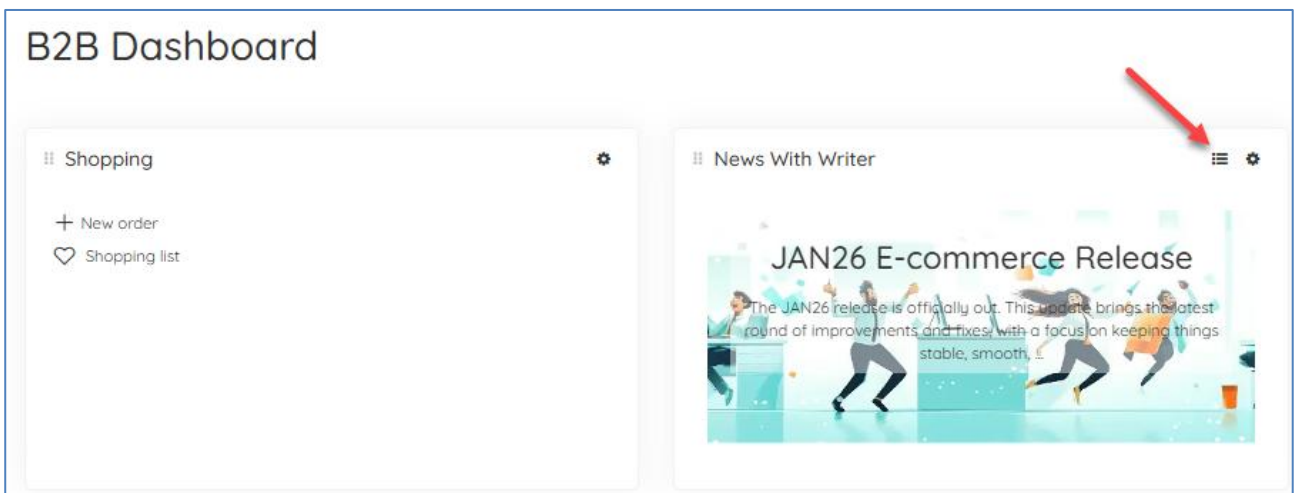
It is a free choice to decide what the tag names could be. Examples:

- ***product***: for news items about the product
- ***social***: for news items about the social events
- ***staff***: for news items about new staff, paternity leave, etc.

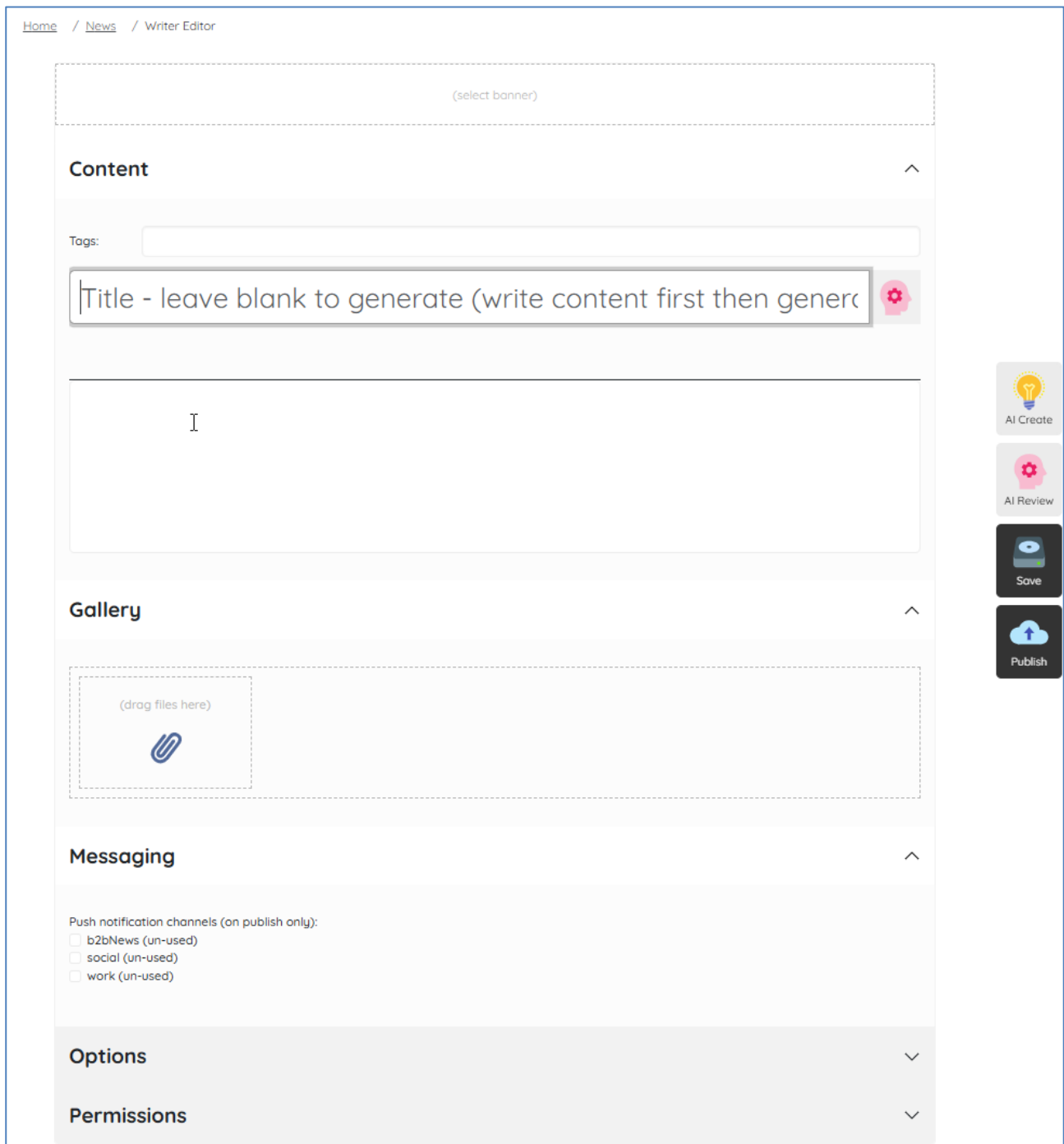
Then users can subscribe to `product` and `staff` only, without being notified about `social` items, if these have also been added to **Group Choices** under Messaging.

Creating post in Writer

You have to be either an e-commerce content editor or admin to be able to create a new post in Writer. A new note can be created from a Writer list page, which is available on the dedicated dock on the dashboard for TRIMIT B2B or SA.



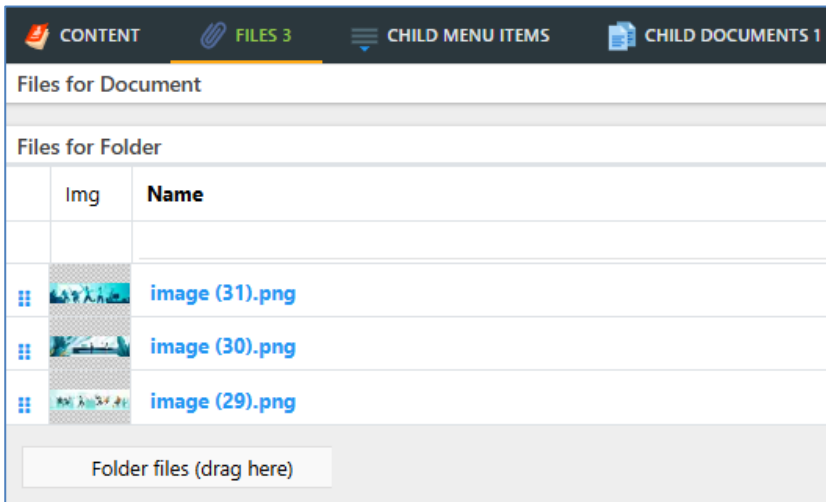
After clicking **Add** on the right side of the list page the **Writer Editor** page will open:



The look of the Editor page may differ depending on the Writer configuration. The Editor includes the following areas: Banner selection, Content, Gallery, Messaging, Options and Permissions. The description of these areas is below.

Banner selection

If this area is visible, then user can decide whether to use it or not. Banner images are to be uploaded in Modelyn admin under Content / Content structure / PIR / Images/ banners / Files / Files for Folder:



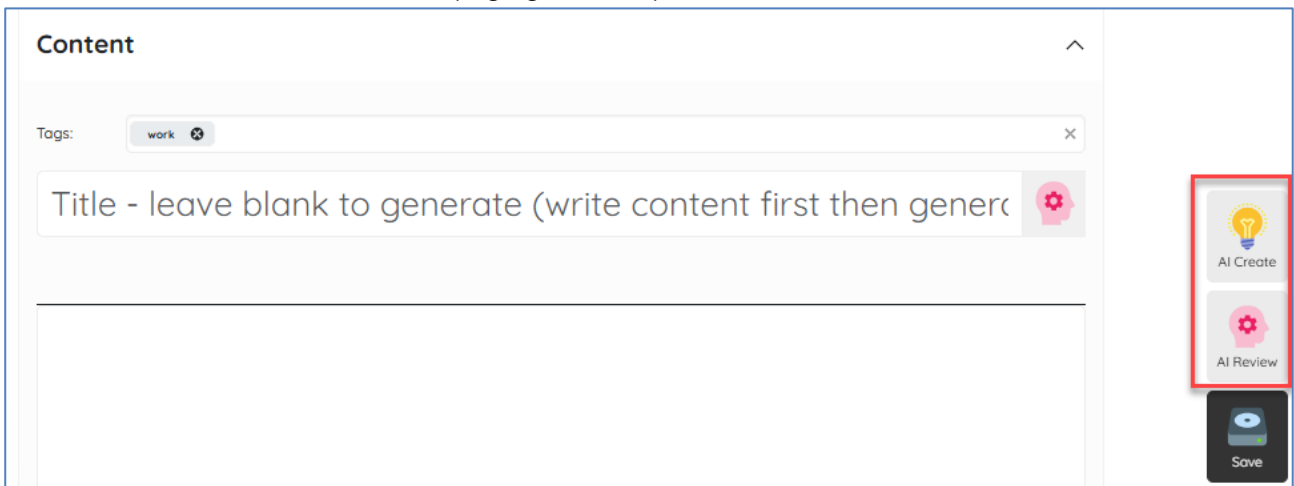
Content

Tags – select from available tags

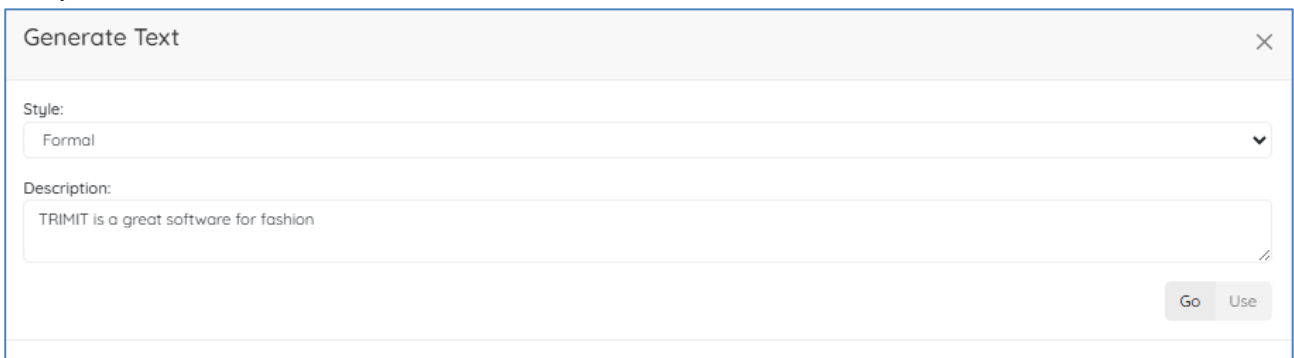
Title – make a relevant title. There is an option to auto generate title. The title is auto generated from the content, so the content area must be filled in

Content area – fill in with the relevant text.

Moreover, additional controls on the page give extra possibilities:



AI Create – generate content text with help of AI. Clicking on this button, you will need to provide **Style** (formal or casual) and **Description** (short description to generate content). Click **Go** to generate. When ready – click **Use**.



AI Review – when content text is created, you can use this option to run the content through the AI and then accept it or revert back.

Gallery

Upload extra image to the news item if needed

Messaging

Select push notification channels if applicable. Users subscribed to those channels will receive a notification as soon as the news item is published. The notification channels are defined in **Writer Config** in section **Messaging**.

Options

Display From – select date to publish a news item from. This will only take effect if no notification channels are selected under Messaging. If these dates are used, then you should use **Publish** button. Then, after the time stamp is reached, the news item will be shown on Writer list as published.

Display To – select a date to stop publishing a Writer news item.

YouTube – insert a link to a video if required

Behaviour – this will reflect a button to e.g. delete a news item.

Permissions

Select a value in this drop-down list. The set of values depends on the **White-** and **Black List** in Permissions section in Writer Config Settings. Only members of the select user group will be able to see this news item, when it is published.

Notifications

To enable push notifications after a news item in the TRIMIT Writer is published, it is required to set up FireBase notification service. The process of setting it up is described in Modelyn documentation inside Modelyn admin under: System/Docs/Documentation/Messaging.

The screenshot shows the TRIMIT Writer interface. On the left is a sidebar with a navigation menu. The 'MESSAGING' section is expanded, showing a list of sub-items: Intro, Assist Menu, Basics, Branch, Cache, Client, Code, Collage, Collage SDK, CommonMark Samples, Controls, Cookies, Custom Data, Debugging, Disk files, Google Cloud Platform (GCP), Media, and Messaging. The 'Messaging' sub-item is selected. The main content area displays the 'Setting up Firebase Cloud Messaging' section, which includes an 'IMPORTANT' note about updates and a list of four steps: 1. Link Firebase to Google Cloud, 2. Generate Firebase Config, 3. Generate VAPID Key, and 4. Generate Firebase Service Account. A 'NOTE' section below states that the Spark (free) plan is usually sufficient for standard use. The bottom of the page shows the 'Service Worker & Framework Integration' section.