AveStream

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1 What is AveStream

AveStream is a cloud-based Content Management System (**CMS**) designed for businesses of all sizes. Its core strength lies in its **scalability**. The platform dynamically adapts to fluctuating traffic demands, ensuring optimal performance during peak periods like seasonal surges, product launches, or viral campaigns.

AveStream is suitable for businesses of all sizes, from small startups to large enterprises, that require a scalable and reliable platform to manage their digital content.
This includes businesses with:

High-traffic websites: E-commerce platforms, online marketplaces, news and media organizations.

Seasonal businesses: Businesses experiencing significant traffic fluctuations throughout the year.

Businesses with rapidly growing content: Blogs, online publications, content marketing agencies.

Global businesses: Companies with a large international audience.

This document highlights key features from a creator's perspective. For additional assistance, please refer to our YouTube help videos.

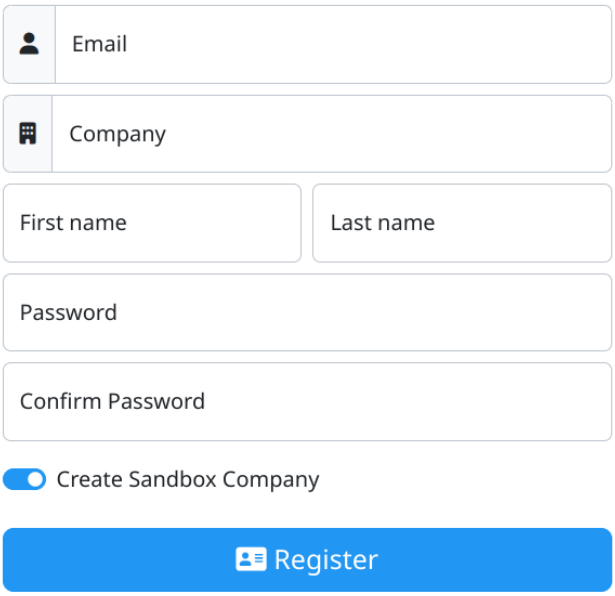
Find us on:

Website:	https://www.avestream.com
YouTube	https://www.youtube.com/@AveStream
LinkedIn	https://www.linkedin.com/showcase/avestream
BlueSky	https://bsky.app/profile/avestream.bsky.social

2 Account

2.1 Register

To create a new account, click the **Register** button. This button is visible only when you are logged out.



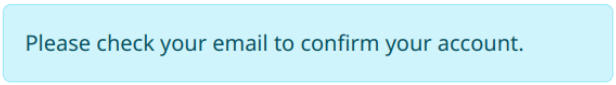
Enter your email address. You will need access to this inbox to verify your address during the registration process.

Complete the required fields and choose a strong password. Please confirm your password in the designated field.

Selecting the "Create Sandbox Company" checkbox will generate a sandbox account, allowing you to test all system features. If you only intend to be invited as an author, you can leave this box unchecked.

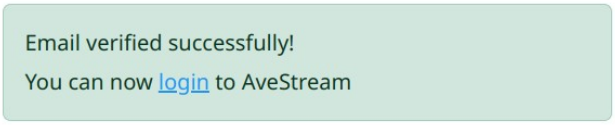
To manage users with access to your customers, navigate to Users under Management 11.2

You will receive an email from the system containing a verification link. If you don't see it in your inbox, please check your spam folder.



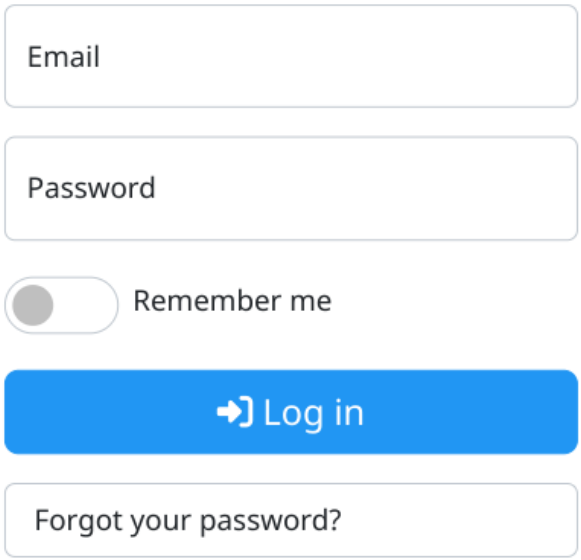
After clicking the link in the email, you will be redirected to AveStream.

If you see a success message after clicking the link, you can now login to the system. 2.2



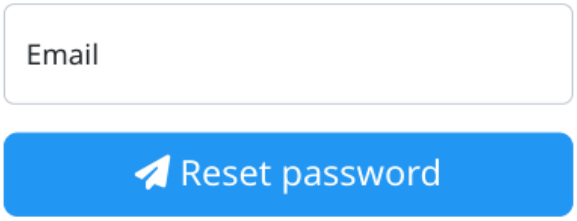
2.2 Login

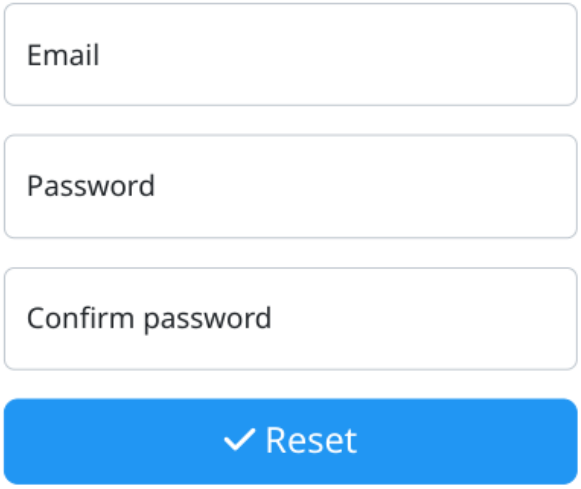
Click the login link and enter your credentials.
For persistent login, check the **Remember me** box.



2.3 Password reset

If you've forgotten your password, click **Forgot your password?**.
Enter your email address and click **Reset password**.
You will receive an email with a password reset link if you have an existing account





2.4 Manage your Account

After successful Login, click the **Profile** drop-down and select **Manage your Account** to update your account information.

2.4.1 Profile

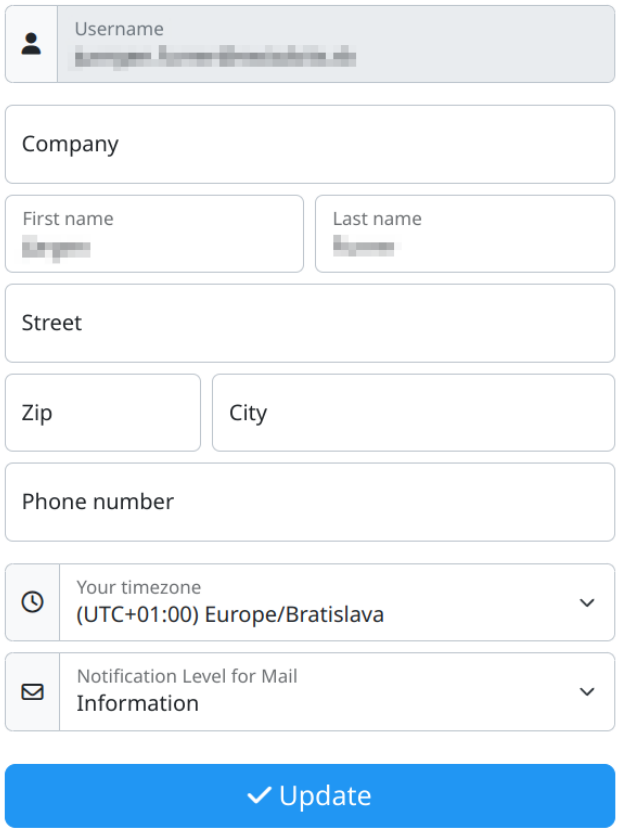
Under **Profile** you can update your name and address. This personal information is private and not publicly displayed on the website.

Only your first and last name will be visible on any blog pages you create.

Select your time zone from the drop-down menu.

Our system stores all dates in UTC. If your time zone is not correctly set, you may see incorrect date/time displays.

Select the level of notifications you wish to receive from the system.

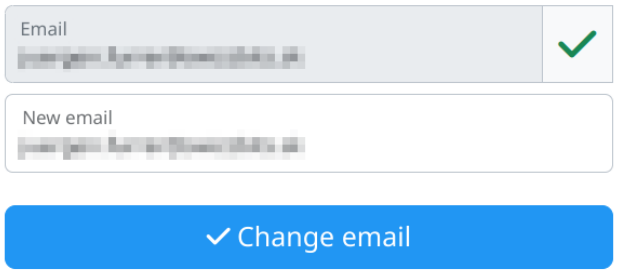


2.4.2 Email

Under **Email** you can change your email address.

Enter your new email address and click **Change email**.

You will receive an email with a confirmation link. Click the link to confirm your new email address.

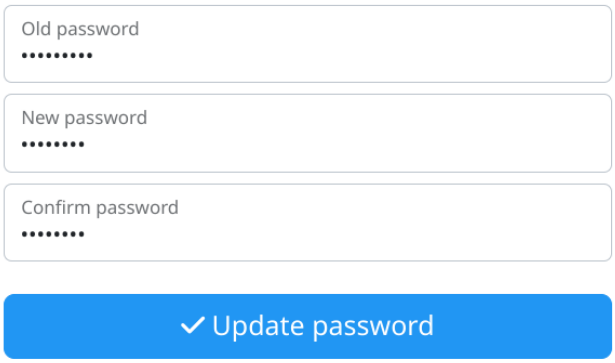


2.4.3 Password

Under **Password** you can change your password.

Enter your current password, then enter and confirm your new password.

Click **Update password** to save the changes.



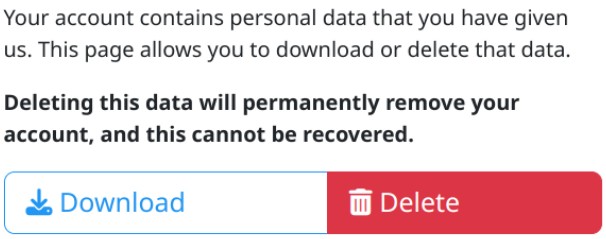
2.4.4 Personal data

Under **Personal data** you have two options:

Download Your Data:
Download a copy of the personal data we have stored about you.

Delete Your Account:
This action primarily removes your account from our system.

Important: Deleting your account will not delete any content you have created or shared on the platform.



2.4.5 Logout

After clicking Logout, you will be redirected to the start page and logged out of your account.

3 Publishing

After logging in, you can access the AveStream Admin Console by clicking the **Publishing** link in the navigation. The Publishing Console provides an overview of the system's core elements.

3.1 Localisation

The AveStream Publishing console is currently available only in English. However, you can utilize browser-based automatic translation features.

Recommendation:
For optimal translation results, we recommend using a Chromium-based browser (such as Chrome, Brave, Edge).

Firefox Note:
Firefox may not consistently respect "do not translate" settings, which can lead to unexpected translations.

While Firefox can be used with the English version, we advise against using it with automatic translation enabled due to potential issues.

3.2 Top Navigation

1 **AveStream Webpage:** Access the main AveStream webpage.

2 **Customer Selection:** Switch between different customer accounts if you have multiple.

3 **Webpage Frontend:** View the live frontend of your website (root page).

4 **Theme Switch:** Toggle between Light and Dark mode.

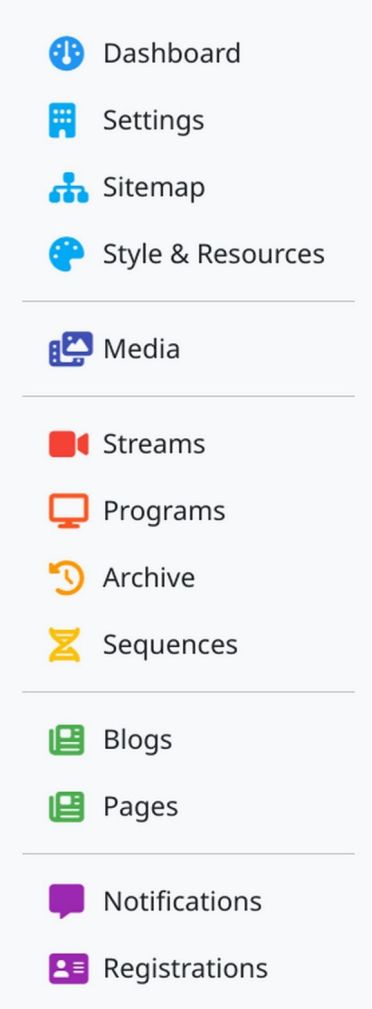
5 **Server Notifications:** Displays a notification badge with the count of new server notifications. Click the badge to view the notifications in a pop-up modal.

6 **Profile:** Access and manage your user profile settings (See 2)

3.3 Sidebar

The sidebar allows you to select the specific elements of your website that you wish to edit.

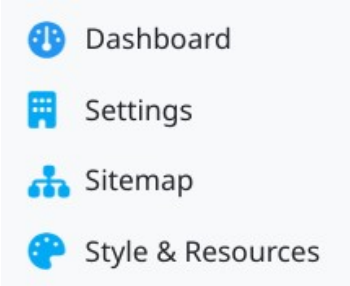
A detailed description of each editable item will be provided later.



Dashboard	4.1
Settings	4.2
Sitemap	4.5
Style & Resources	4.6
Media	5
Streams	6.1
Program	6.2
Archive	6.3
Sequences	6.4
Articles	7
Notifications	8.1
Registrations	8.2

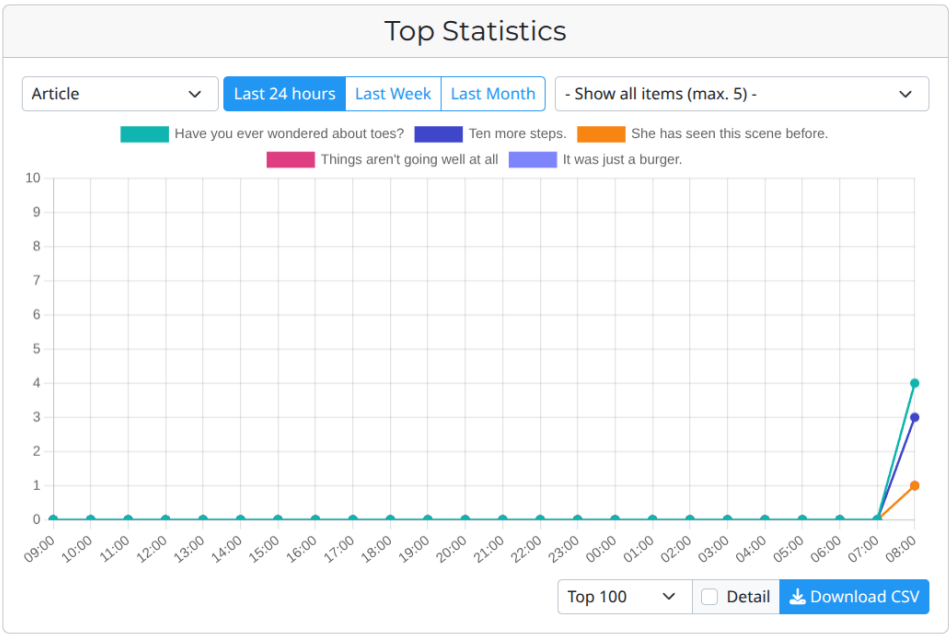
4 Customer

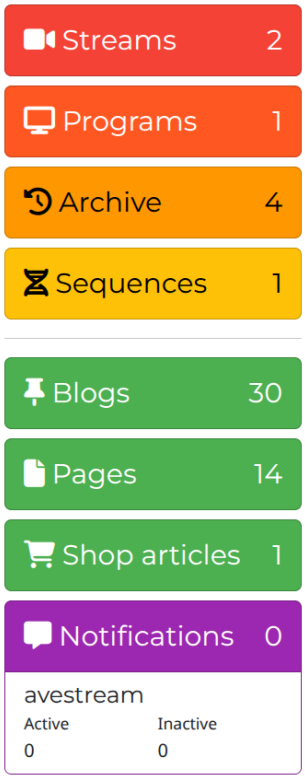
After login, the system will pre-select the first customer assigned to your account. Please ensure you have selected the correct customer before making any edits. You will only see and be able to edit content related to the currently selected customer.



4.1 Dashboard

The Dashboard provides an overview of the selected customer





4.1.1 Top Statistic

Top Statistics displays the most watched items.

Entity type	Select the type of item you want to visualize from the dropdown menu
Statistic range	Choose the time period for the statistics (last 24 hours, last week, last month)
Filter Selection	When you filter the selection, only the chosen item will be displayed in the chart and two buttons will appear: **Edit:** Opens the form to modify the selected item **Show:** Displays a preview of the item
Legend	Shows the name and corresponding color of each item in the chart
Chart	Displays the number of times each item was watched
Download	Choose your desired statistics and opt for detailed statistics if needed. To download, click the **Download CSV** button.

4.1.2 Customer Metrics

The Customer Metrics area presents data on the quantity of elements created across all entities.

4.2 Settings

Under Settings, you can adjust global settings that will apply to all pages within this customer's account.

Note that modifying these settings can have a significant impact on the overall appearance and functionality of the customer's website.

4.2.1 General

Name	The customer's full name
Address	The customer's complete address
Contact email	The customer's primary contact email address

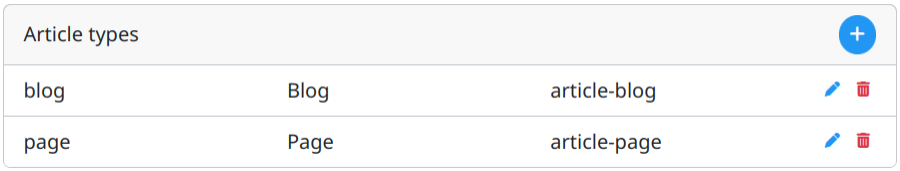
4.2.2 Site

Domain name	This is the unique address that users will type in their web browser to access your website. For example, example.com
Frontend URL	This is the complete web address of your website's homepage. For example, https://example.com
Site name	The title that will appear in browser tabs and search results.
Sticke Header Offset	Defines the scroll height (px) that triggers the sticky navigation.
Site image	This image will be displayed when your website URL is shared on social media platforms. **Note:** If an article has a header image, it will be used as the social share image.
QR-Code Brand	Personalize your QR Codes by selecting a central icon. For a polished look, we recommend uploading PNG files with transparent backgrounds, allowing for seamless integration of your chosen icon.
Brand Logo / Brand Logo Mobile	Select distinct Brand Logo assets for desktop and mobile for optimal legibility and scaling across all devices.
Error pages	**Page Not Found (404):** Select the article to show when a visitor requests a page that doesn't exist (incorrect URL)
Cookie consent	After you've activated the cookie consent feature, you'll be presented with fields where you can enter the specific labels that will be displayed to your website visitors. These labels are crucial for: **Transparency:** Clearly informing visitors about the types of cookies used on your site (e.g., “Essential Cookies”, “Functional Cookies”, “Marketing Cookies”) **User Control:** Allowing visitors to easily understand and control which cookies they consent to **Compliance:** Ensuring your website complies with relevant data privacy regulations (such as GDPR and CCPA)

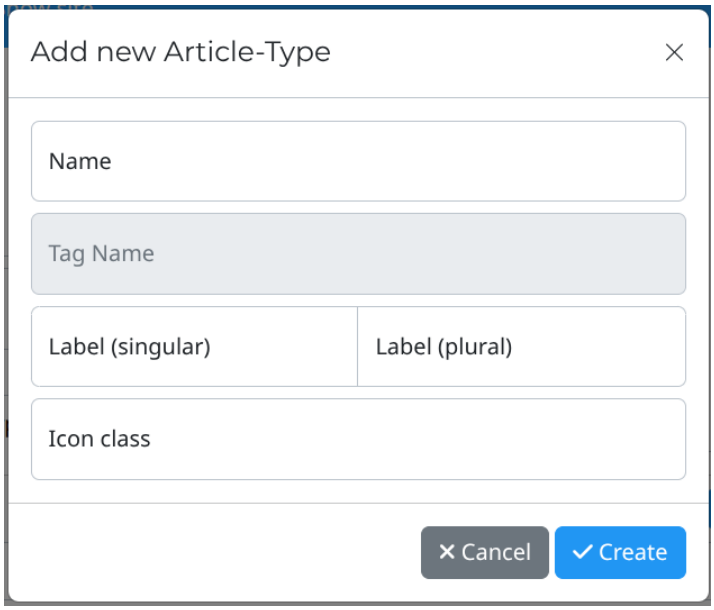
4.2.3 Article types

This section allows you to manage the different types of articles that can be created on your webpage.

While you can create various article types, the most frequent are typically:
Blogs: For publishing articles, and news
Pages: For creating static content such as “About Us”, “Contact”, or “Terms of Service”
Shop products: Organize the items you sell in your e-shop
Donation: Organize your donation links



To add more article types, simply click the **Add** button.



Enter the name of the new article type. Only lowercase letters, numbers, and underscores are allowed in the article type name (“[a-z0-9_]”).

Once you enter the name, the system will automatically generate default labels and a tag name for the new article type. You can customize these defaults to your liking.

Finally, click the **Create** button to save the new article type.

After the changes are saved, the newly created article type will become available for selection in the **Article** area of the sidebar, allowing you to create content within this new category.

4.2.3.1 Edit Article type

After creating an article type, you can edit the new entry.

4.2.3.2 Overview (Blog and Shop only)

Route to the overview

Choose the destination for your blog or shop overview.
Ensure you've added a sitemap item first 4.5

Display options for overview

Configure how the overview of this article type will be displayed.

Show Tag-Cloud (blogs only)	If enabled, a tag cloud will be displayed alongside the newest articles, allowing users to filter content by tag
Number of Columns	Defines the number of columns used to display the articles
Show Title	If enabled, the title of each item will be displayed
Show Content	If enabled, a portion of the article content will be displayed
Show Date	If enabled, the publication date will be displayed for each item
Show Author	If enabled, the author's name will be displayed for each item
Show Button	If enabled, a "Read More" button will be displayed for each item on the overview page, linking to the full article

4.2.3.3 Template

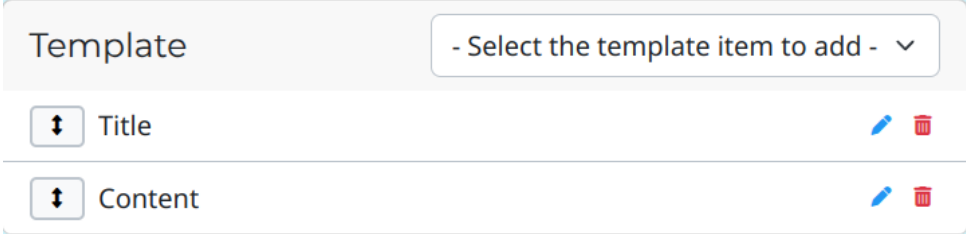
Templates provide a flexible way to structure the content of your articles.

For each article type, you can use a template to define the order in which article-related elements are displayed to visitors.

To edit a template, navigate to the article type and click **Edit**.

Select items from the dropdown to add them to the template, and easily reorder them by dragging and dropping.

Some template items have settings that allow you to customize their style and behavior. Click the edit button to modify these settings.



Title	Renders the title of the article. This can be customized on individual pages through page settings 7.11
Header Image	Renders the header image of the article. This can be customized on individual pages through page settings 7.11
Content	Presents the main body of the article.
Linked Cms Items	Displays articles and media files linked to this article.
Record	Embeds and displays another article within the current page. Ideal for reusable content sections, like blog footers
Byline	Shows the byline including creation datetime, category and author
Keywords	Lists the keywords associated with the article
Breadcrumb	Shows the navigation path to the article's category, if applicable
Meta Data	This displays specific metadata for an article. For example, if you're viewing a shop article, it will show its price and available variants. Learn more about article metadata here 7.4

4.2.3.4 Labels

Configure message-boxes and buttons for this article type:

No-Items message	Message to display when no articles are found
Read-more button	Sets the label and icons for the Read-more button
Load-more button	Sets the label and icons for the Load-more button

4.2.4 Language

This translation feature utilizes Google Translate. You can customize its behaviour here.

Default Content Language	Enter the two-letter language code of the language your webpage was originally written in (e.g., **en** for English)
Allowed languages for translation	Enter the two-letter language codes for the languages you want to make available to your audience, separated by commas (e.g., **en,de,fr** for English, German and French). These languages will be presented in a dropdown menu.
Skip translation labels	Enter any specific text or labels that should be excluded from the automatic translation process. This can be helpful for maintaining the original language for certain elements (e.g., brand names, technical terms).
Default Display Format	Specify the locale to control the formatting of dates, numbers, and currency on your webpage.
Display Format preview	A preview of the selected display format will appear here

4.2.5 External

4.2.5.1 Search Settings

Search Provider	Choose the preferred search provider for your site. Note that some providers require a paid API subscription. If the provider supports direct integration, a Test button will appear to verify your credentials.
Google Custom Search(Legacy)	**Note:** This service is being deprecated by Google. Existing configurations might stop returning results without further notice. For new projects, we recommend using Brave Search or Vertex AI Search. **Engine-ID:** The unique identifier for your Google Custom Search engine. Find it in your control panel: https://programmablesearchengine.google.com/controlpanel/all **API Key:** Your API key for Google Custom Search API access. Obtain it from the Google Cloud Console: https://developers.google.com/custom-search/v1/introduction **Search page route:** Enter the URL path for your search results page (e.g., /customer/search). **Sort by Date:** Enables ascending date sorting.
External Search	This option redirects the user to a third-party search provider in a new browser tab. **Search Page:** Chose from the list of search-providers **Additional Search Terms:** Restrict results or target specific domains (e.g., site:example.com)
Vertex AI Search	Provides high-speed, AI-driven search results. To use this, you must create an App in the Google Cloud Console https://docs.cloud.google.com/generative-ai-app-builder/docs/migrate-from-cse **Google Cloud Project Number:** Located on the Welcome/Dashboard page of your Google Cloud Project. **App-ID:** Found under *Vertex AI → Vertex AI Search → See existing apps.* Use the value from the ID column. **API Key:** Obtain this under *APIs and services → Credentials* in your Google Cloud Project **Search page route:** Enter the URL path for your search results page (e.g., /customer/search). **Sort by Date:** Enables ascending date sorting.
Brave Search	A privacy-focused, independent search engine: https://api-dashboard.search.brave.com/documentation/quickstart **API Key:** You can generate it in the Brave Search API Dashboard **Additional Search Terms:** Restrict results or target specific domains (e.g., site:example.com) **Search page route:** Enter the URL path for your search results page (e.g., /customer/search).

4.2.5.2 Payment providers

Here, you can manage your external payment providers.
Click **Add** to create a new provider, or **Edit** to modify an existing.

Stripe

Create a Restricted API Key:

1. Login to **Stripe**
2. Go to **Developers** (bottom left corner) > **API keys**
3. Click **Create restricted key**
4. Select **Providing this key to another website**
5. Enter a **Name** for the new key
6. Set all access to **None** then activate:
    1. **Checkout → Write**
    2. **Orders → Read**
7. Copy the generated API token and paste it into the API-Key field of your AveStream payment provider settings.

Add the AveStream Webhook:

1. Go to **Developers** (bottom left corner) > **Webhooks**
2. Click **Create an event destination**
3. Paste the **Web-Hook URL** from AveStream into the **Endpoint URL** field
4. Click **Select events** and chose:
    - checkout.session.completed
    - payment_intent.created
    - payment_intent.succeeded
    - charge.succeeded
    - charge.updated
5. Click **Add endpoint**

4.2.5.3 Google Tag Manager

Tag Manager ID	Enter the Google Tag Manager ID to include Google-Tag-Manager https://support.google.com/tagmanager/answer/14842164

4.2.5.4 YouTube Data API

API Key	Enter your YouTube Data API key to enable automatic parsing of YouTube videos **Create a Google Account and Activate the YouTube Data API:** Follow the instructions at: https://developers.google.com/youtube/v3/getting-started **Note:** You can skip any steps related to authorization credentials (OAuth2) as this isn't currently implemented. **Generate the API Key:** • Once on the **YouTube Data API v3** details page, go to the **Credentials** tab • Click **Create credentials** and select **API key**

- Copy the generated API key and paste it into the designated field within AveStream

Restrict Your API Key (Recommended):
Restricting your API key enhances security by limiting where it can be used

1. Find your newly created API key and click the Actions button (often represented by three dots or a pencil icon) to edit it
2. Under **Application restrictions**, choose **Websites**.
3. Add two Website-restrictions by clicking the **Add** Button
   - *.avestream.com/*
   - avestream.com/*

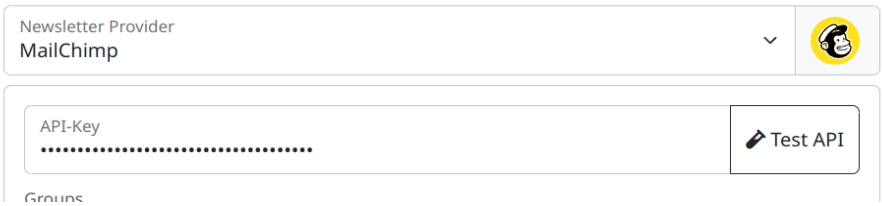
Important:
Please include a Data Protection information section on your webpage if you utilize any external analytics tools, to ensure compliance with GDPR.

4.2.6 Newsletter

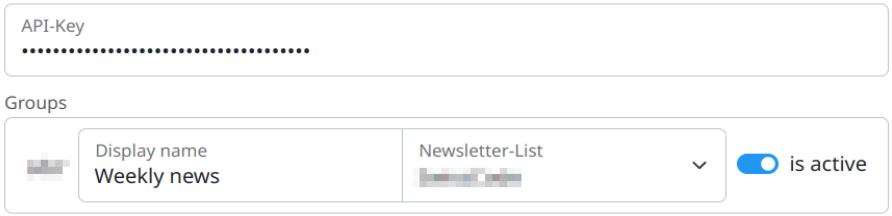
Under the Newsletter section, you can configure a newsletter provider the selected customer.

Choose the newsletter provider you wish to use (e.g., Mailchimp, SmartEmailing, etc.). Some providers may require a username, while others may only require an API key.

Enter the required credentials (username and/or API key) for the selected provider.
Once you've entered the credentials, a **Test Settings** button will appear.



Upon successful Test, AveStream will automatically retrieve a list of available newsletter lists from your provider's account.

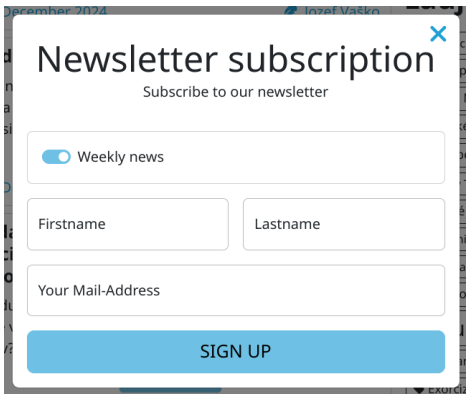


Enter a user-friendly display name for the newsletter group (e.g., “Main Newsletter”).
Select the desired newsletter list from the dropdown menu.
Activate the newsletter group to enable newsletter subscriptions for your website users.

If you're using **Mailchimp**, you can add tags to be automatically applied to new subscribers.

After successful configuration, a newsletter subscription box will automatically appear after the first page navigation on your website.

You can also optionally add the subscription box to your social media links (see the Social Media section for more details here 4.2.7).

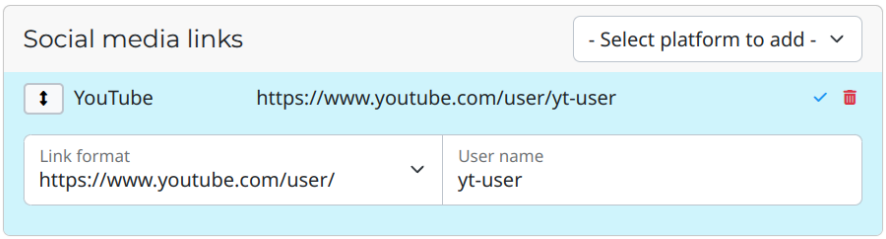


4.2.7 Social Media

Add as many social media links as needed (we recommend a maximum of five).

To add a new link, select the desired platform from the dropdown menu.

Edit existing links by clicking the edit button.

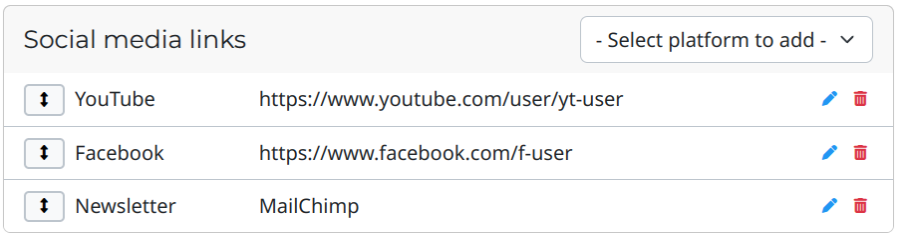


Select your preferred link template (some platforms like **YouTube** offer multiple options). Enter the **username** of the platform you'd like to add.

You can arrange links in any order by dragging and dropping them.

If you've set up a newsletter, you can add a subscription box as a social media link by selecting Newsletter from the dropdown. No further information is needed for this item.

(See 4.2.6 for instructions.)



Configured social media links will be displayed in the footer of every page.

4.2.8 E-Mail

Configure the styling of emails sent by AveStream.

Font size	**Header:** Defines the font size of the header text in the email **Body:** Defines the font size of the main body text in the email **Footer:** Defines the font size of the footer text in the email
Mail width	Defines the width of the email content area (in pixels)
Border radius	Defines the border radius of the email container (in pixels)
Mail Background	Sets the background color of the entire email
Primary	Sets the primary color used for the Header background
Primary Text	Sets the primary foreground color for text elements (contrast to Primary color)
Body Background	Sets the background color of the email body
Body text	Sets the color of the main body text in the email
Footer text	Sets the color of the footer text in the email

Specific Mail Settings

You can customize the configuration for each mail type:

Enabled	Determines if this mail type is active. Note that some mail types are mandatory and cannot be deactivated
Subject	Sets the subject line of the email
Heading	Sets the main heading within the email body
Additional Content	Defines an additional text block to append to the email content

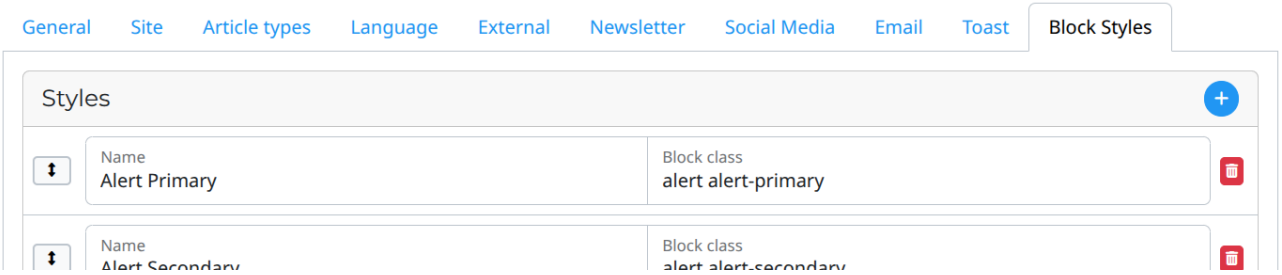
4.2.9 Toast

Customize how your toast messages look and behave. Toasts are small, temporary notifications that appear on the screen and then disappear automatically.

Additional CSS class	Add custom CSS classes to your toasts (e.g., **p-3** for padding)
Max. messages	Define the maximum number of toasts visible simultaneously
Placement	Choose where toasts appear on the page

4.2.10 Block Styles

The Block Styles tab allows you to define custom styles for use within the **Block** content element (See 7.13.7) and the **Full Editor** content element (See 7.13.28)



Click the **Add** button to create a new style.

Change the order: Use drag-and-drop to easily rearrange the order of styles.

Click the **Delete** button and confirm in the dialogue box.

Important: You can only define CSS classes. Ensure the style is defined in your Editor CSS (See 4.6.2)

4.3 System Labels

Customize the interface text for your site’s built-in components. Use this section to rename buttons, update functional prompts, or translate system-level messaging.

4.3.1 General

Empty state message	The message displayed within a list or grid component when no data is available or a selected item has been removed
Next button	The standard label used for pagination controls to navigate to the subsequent set of items
Close button	The primary label for closing dialogs, pop-ups, and modals

4.3.2 Stream media

Incompatible format message	Displayed when a media file cannot be rendered inline due to format or browser restrictions
Scheduled content message	Displayed when a user attempts to access a stream or item that is scheduled for a future date/time
Expired content message	Displayed when a user accesses a link for a program that has already concluded and is not available for replay

4.3.3 Newsletter

Dialog header	The header is displayed at the top of the newsletter dialog
First name label	The text label for the first name input field
Last name label	The text label for the last name input field
Email address label	The text label for the email input field
Subscription button	Set the label for the submit button
Subscription success message	The confirmation message displayed after a user successfully registers
Missing selection error	The error message shown if a user tries to submit the form without selecting a required interest group or mailing list

4.3.4 Search

Serach result title	Displayed at the top of the search results page. Use the placeholder {0} to automatically insert the user’s search term
No results message	The status message displayed when a user’s query does not match any content on the site

4.3.5 Form Module

Submission error message	Displayed when a form cannot be processed due to a technical failure or server issue
Submission success message	The confirmation message shown immediately after a user successfully submits a form

4.4 Shop Settings

You can configure your shop's settings in the Shop Settings section.
This section is visible only after you activate the **Shop article type** 4.2.3

4.4.1 General

Show Shop on Website	This setting controls whether the shopping cart and "Add to Cart" buttons are visible to your website visitors. **Enabled:** Your shop is fully functional. **Disabled:** You can continue to manage products, prices, and settings in the backend, but the shopping cart will be hidden from the website. This is ideal for setting up your store before an official launch.
Currency	Choose the currency in which your shop's products are priced and transactions are processed.
Order recipient	Please provide the email address to which order confirmations and updates should be sent. For detailed email configuration, see Section 4.2.8

4.4.2 Product

Price label	Define the text that will appear above or next to the product price on your shop pages
Price hint	Define additional descriptive text that appears near the price to provide extra information or context
Placeholder image	Select an image from your media library to be displayed for products that do not have a specific image assigned to them.

4.4.3 Inventory

Enable stock management	If this is enabled, you'll activate stock tracking for your products
Low stock threshold	This sets the minimum inventory level at which a product is flagged as having low stock.
Out of stock threshold	This determines the inventory level at which a product is considered to be out of stock.
Stock display format	This defines how product stock levels are presented to your customers. **Show No Quantity:** Displays a generic "In Stock" message without revealing the exact number of items. **Show Quantity Remaining:** Shows the precise number of items left in stock (e.g., "15 left in stock"). **Show Quantity Remaining If Low:** Only displays the exact quantity remaining when the stock level falls below the low stock threshold (e.g., "Only 5 left!").

4.4.4 Shipping

Shipping zones

Manage your shipping zones and their associated costs here. You can create multiple zones to cover different regions.

Is active	Check this box to enable or disable this shipping zone
Title	Set a descriptive name for your shipping zone (e.g., "Domestic," "EU Standard," "International")
Regions	Select the countries where this shipping zone is available
Cost	Define the shipping cost for this specific zone

4.4.5 Buttons

Add-To-Cart button	Defines the visual elements of the button users click to add products to their shopping cart
Open-Checkout button	Define the visual elements and functionality of the button that takes users directly to the checkout page from the cart or product page
Pay-Now button	Defines the visual elements and functionality of the button that initiates the payment process and completes a purchase

4.4.6 Labels

Basket-Total label	Defines how the total cost of items in the shopping cart is displayed to the user
Empty-shopping-cart message	Define the text that is displayed to users when their shopping cart is empty
Add-to-cart toast	Specify the confirmation message that appears when a visitor successfully adds an item to their shopping cart. For additional toast configuration, see Section 4.2.9

4.4.7 Page setup

In the Page Setup section, you can define the links to your shop-specific pages. To select these links, you must first add the corresponding menu-items in the Sitemap section 4.5

Cart page	Select the route that serves as the user's shopping cart
Checkout page	Select the route where users finalize their purchase details and payment
Terms and conditions	Select the route containing your shop's legal terms and conditions
Payment success	This is the path users are redirected to after a successful payment
Payment cancel	This is the path users are redirected to if their payment was cancelled

4.5 Sitemap

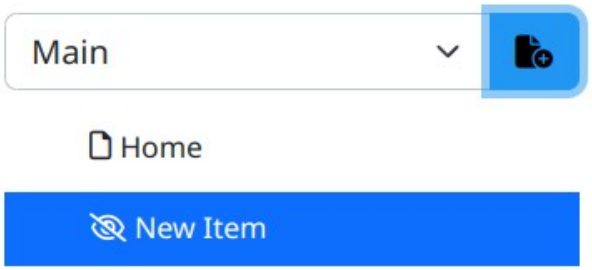
Under the Sitemap section, you can customize the sitemap of your webpage.

4.5.1 Chose sitemap

Select the desired navigation from the drop-down menu to manage it.

4.5.2 Add new menu-item

To add a menu item, click **Add**. It appears after the selection, or at the end if nothing was selected.



4.5.3 Change the order / hierarchy

You can rearrange items by dragging and dropping them. To create a hierarchical structure, drop an item onto another menu item.

4.5.4 Edit a menu-item

When you select a menu item in the tree structure, its settings will be displayed on the right side. Here's a breakdown of each setting:

Type	Choose the type of menu item: **Static:** Links to an existing static page (if available) **Dynamic:** Links to the specified article **External:** Links to a custom URL (internal or external) **Folder:** Creates a folder to organize other menu items (not visible in the frontend) **Article tag:** Will show a list of articles based on the tag-filter used.
Label	Label will be shown in menu
Icon class (Optional)	Define an icon for the menu item using Font Awesome classes (e.g., fa-solid fa-house). Find available icons here: https://fontawesome.com/icons
Route	Defines the URL that appears in the browser address bar when this menu item is selected.
Dynamic page (Dynamic Type Only)	The ID of the article to be linked for dynamic menu items
External Link (External Type Only)	Enter the web address (URL) to which this menu item will link
Match	Determines when the menu item is highlighted as active: **Starts with:** Active when the URL starts with the defined route **Exact match:** Only active when the URL exactly matches the defined route
Is visible	Controls whether the menu item is displayed in the frontend

4.5.5 Show

Click the **Show** button to preview the page associated with the selected menu item in the frontend.

4.5.6 Delete a menu-item

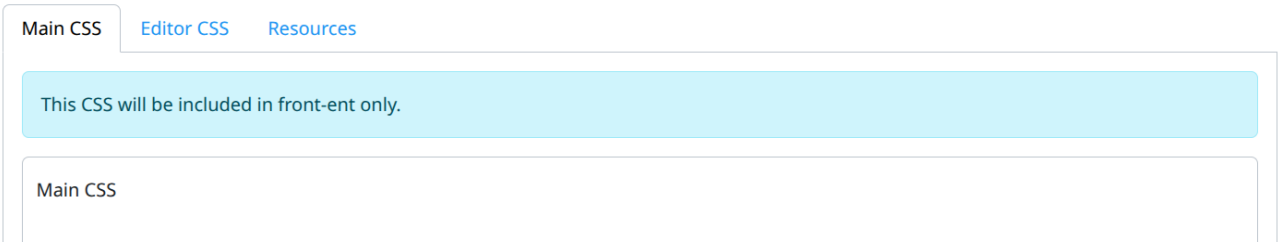
To delete a menu item, select it in the tree and then click the **Delete** button.
Confirm the deletion in the dialogue box to permanently remove the item.

4.6 Style & Resources

Use the Style Page to add custom style definitions to your page.

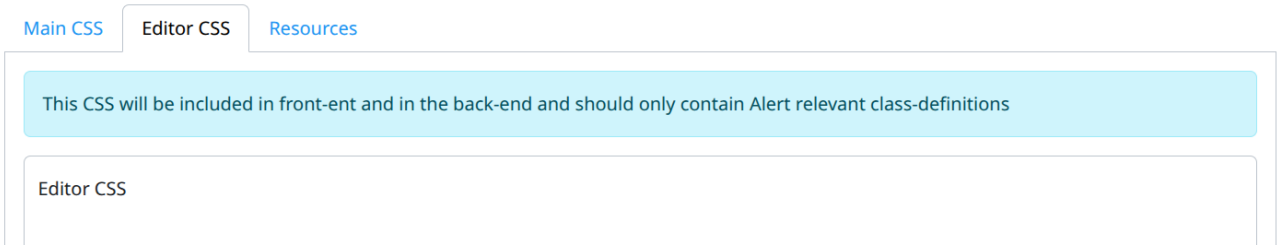
4.6.1 Main CSS

The main CSS file is loaded after all other CSS files, giving you the ability to override any system-defined styles.



4.6.2 Editor CSS

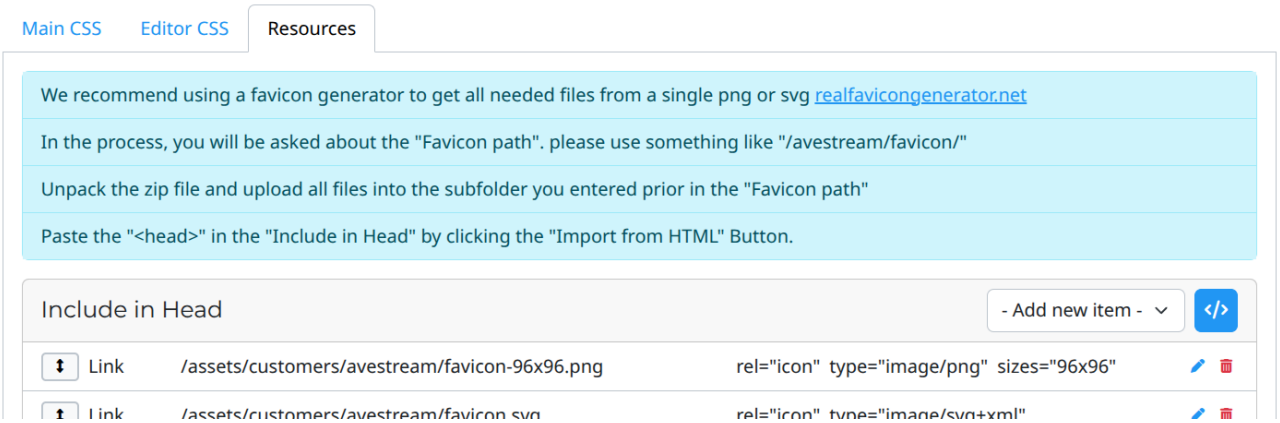
The Editor CSS file is loaded in both the frontend and backend and should be scoped to only style elements within the **.as-article-content** container.



4.6.3 Resources

The Resources tab allows you to include external JavaScript and CSS files.

You can also define custom meta tags and link tags. This is where you can specify your website's favicon and other page-specific metadata.



Head

Resources added here will be inserted at the end of the `<head>` section of your webpage. Supports JavaScript (`<script>`), CSS (`<link>`), meta tags (`<meta>`), and link tags (`<link>`).

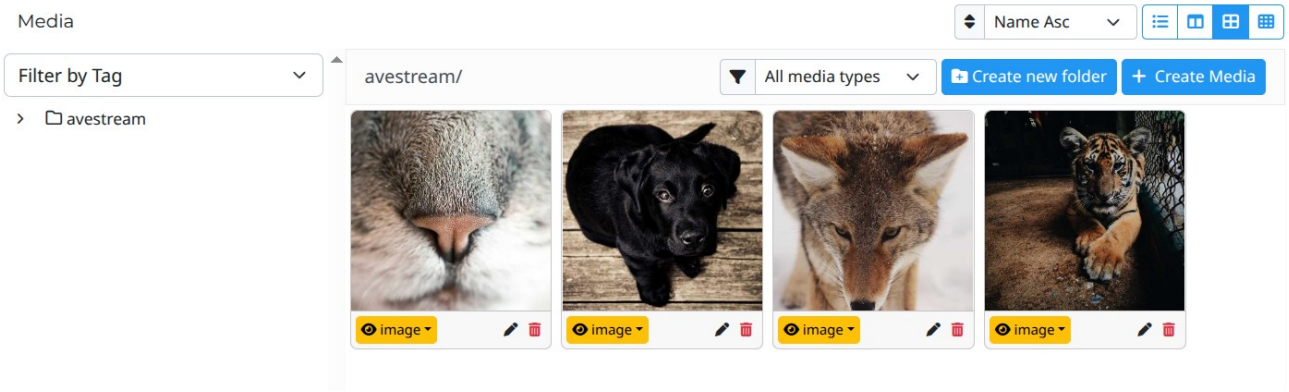
Body

Resources added here will be inserted at the end of the `<body>` section of your webpage. Only JavaScript (`<script>`) resources are allowed.

Add new item	Use the dropdown menu to add individual resources to the selected group
Add from HTML	Click **Add from HTML** to open a modal window where you can paste HTML code. Clicking **Add** will parse the HTML, extract resource links, and add them to the selected group.

5 Media

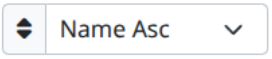
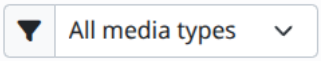
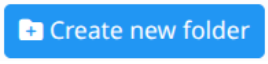
The Media Section allows you to manage your web files, such as images, PDFs, videos.



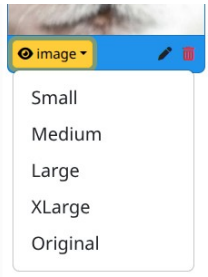
The left sidebar of the File Manager provides two key navigation and filtering tools:

- Selecting **Category** or **Keyword** in the dropdown displays tagged files on the right
- Clicking a folder in the tree shows its contents on the right

5.1 Toolbar

	Choose how to order the files in your list (e.g., by name, date)
	Change the view mode **List:** Displays folder contents as a simple list of file and folder names **Grid:** Displays a preview of each file when available, alongside its name. You can choose from three different preview sizes.
	Refine your file list by selecting a specific file type from the dropdown menu.
	Add a new folder within your current directory.
	Refer to 5.3 for detailed information on creating new media.

5.2 Preview

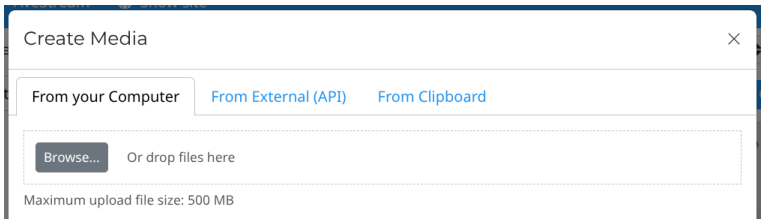
	The Preview feature allows you to view a selected file in a separate tab. If multiple variants of a file are available (e.g., different sizes of an image), a dropdown menu will appear. Use this dropdown to select the specific size you wish to preview.

5.3 Create Media

Upload / Create new media with the help of this dialog.

5.3.1 Upload from your Computer

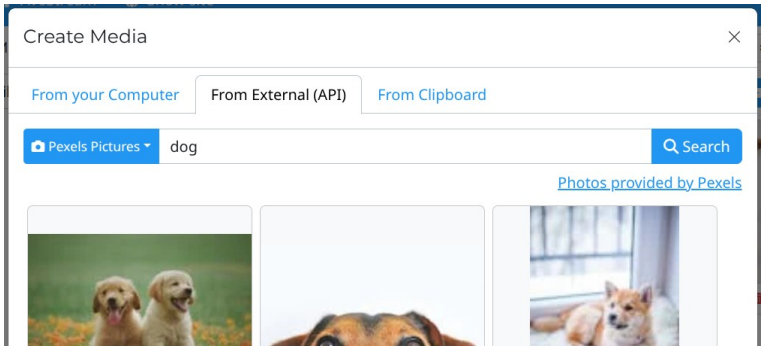
This feature allows you to upload files directly from your computer.

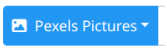
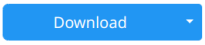


For convenient uploading, drag-and-drop your files into the designated area.

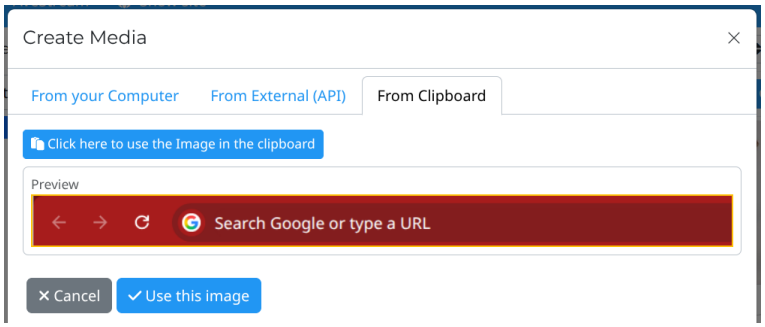
5.3.2 Import from External (API)

The External section of the Media Manager enables you to directly download images, videos, and GIFs from integrated third-party providers like Pexels or Giphy.



	Select the provider and file type by using the dropdown.
	Enter your search terms in the search field and click the **Search** button to view the first page of results.
	Click the Download button to import the selected file. To import a different size, use the dropdown menu next to the Download button.
	At the bottom of the result list, click the Load More button to load the next page of search results.

5.3.3 Create from Clipboard



AveStream lets you directly paste images from your clipboard, making it easy to add visuals. You can paste screenshots, images copied from applications like Word, or even Excel cell ranges as images.

To use an image from your clipboard:

1. Click the Paste from Clipboard button
2. If an image is detected in your clipboard, it will appear in the preview area
3. Click the Use this image button to upload it to your currently selected folder

The new image will be automatically named in the format "screenshot_date_time.ext"

Note: For this feature to work, ensure you've granted AveStream the necessary permissions to access your clipboard.

5.4 Edit Media

Opens a form to modify the metadata of a file.

Alternative Text	Sets the alternative text for image files
Title	Sets the title of a file
Caption	Sets the caption of a file
Categories / Keywords	Defines categories and keywords for a file, enabling selection files by tags in content elements **Audio** 7.13.5, **Images** 7.13.3, and **Downloads** 7.13.6

5.5 Delete Media

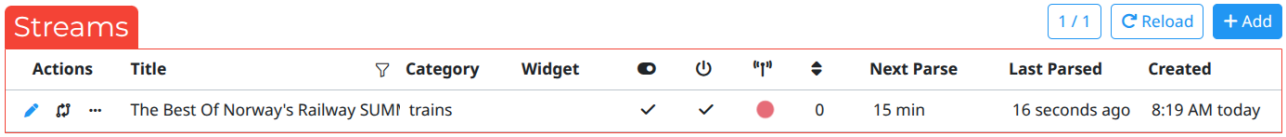
To delete a media, click the Delete button. A confirmation dialogue will appear. Click Confirm to permanently remove the media.

6 Video-Items

In the Video section, you can create video entries tailored to various needs.

6.1 Streams

In the Streams section, you can manage your live streams.



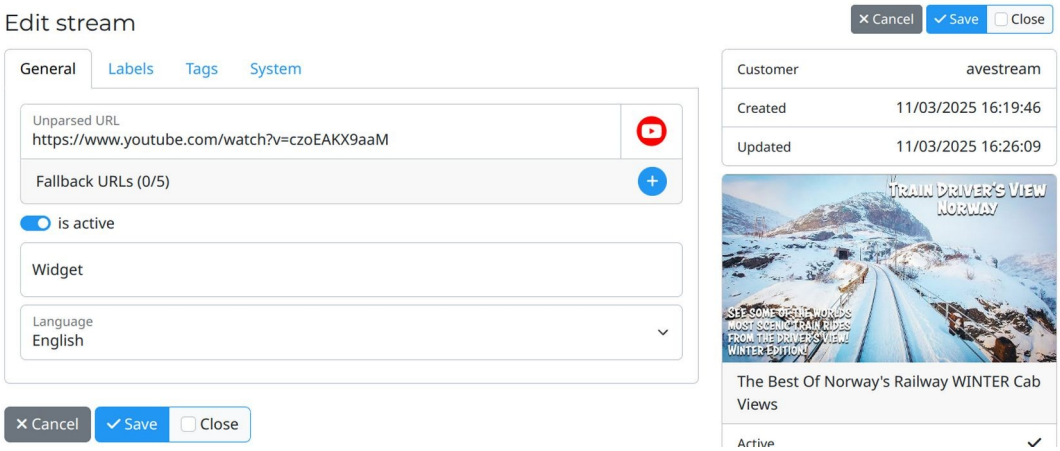
The list displays key information such as title, category, availability, and parse status.

Actions:

Edit	6.1.1	Parse	6.1.2	Show	6.1.3
				QR-Code	6.1.4
				Create copy	6.1.5
				Create program	6.1.6
				Delete	6.1.7

6.1.1 Add/Edit stream

To edit an item, click the **Edit** button within the list.
To create a new item, click the **Add** button.



General

Unparsed URL	Enter the original URL from the streaming platform
Fallback URLs	Enter up to 5 alternative video URLs to provide a backup options for the same video.
Is active	When enabled, the item will be active and visible on the frontend
Widget	Add a web widget for interactive elements (optional)
Language	Define the language of the streamed content

Override

Title	Replace the original video title with a custom title
Description	Replace the original video description with a custom description
Thumbnail	Replace the original video thumbnail with a custom image

Tags

Categories	Add categories for this video to organize your library
Keywords	Add relevant keywords to this video to facilitate grouping and searching

System

Parsing frequency	Determines how often the system checks for updates to this item
Sort	Defines the order in which the stream will be displayed

Statistics
Review statistics for this item. Select a specific time period to analyse trends and data.

Force visibility
The Force visibility action allows content managers to manually override the automatic status of a Stream-Element's **Is Live** and **Is Available** properties, and temporarily halt the automated status updates from the parser.

This feature is useful for troubleshooting, pre-launch setup, or manual control during critical events.

To access the feature, locate and click the **More actions** menu and select the **Force visibility** option from the dropdown menu.

A pop-up window titled **Force visibility** will appear, containing three main controls:

Is Live	Manually sets the status of whether the stream is currently live.
Is Available	Manually sets the status of whether the stream is currently playable/viewable.
Parser-Frequency	Sets the time interval (in minutes) for the parser to ignore this item. Setting a value here stops the periodic parser check for the specified duration.

Click **Update** to apply the forced settings to the item

You must click **Save** on the main editing page to finalize and persist these changes.

Important!
The time set in the Parser-Frequency field expires, allowing the parser to resume its normal checks and potentially overwrite your status.

6.1.2 Parse stream

Triggers an immediate update of the selected item. Use this after making any changes to the item's settings. **Note:** If the Unparsed URL contains a YouTube video, a valid YouTube Data API key must be provided in the settings 4.2.5

6.1.3 Show stream

Click the **Show** button to open a preview of the stream in a new browser tab.

6.1.4 QR-Code

Click to generate a QR code linking to this item. If a brand image is set in your settings 4.2, it will appear in the centre.

6.1.5 Create copy

To create a new item based on existing settings, use the **Create copy** button. This will create a duplicate of the current item. Edit the copied data as desired and save the item.

6.1.6 Create program

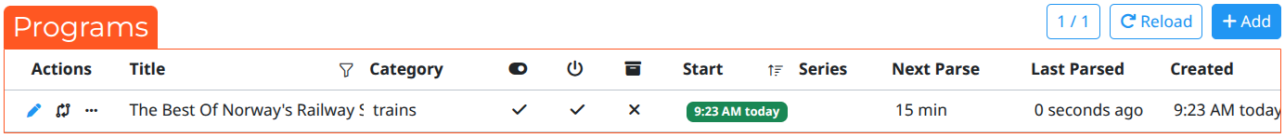
To create a program based on the settings click the **Create program** button. A new program item will be created, pre-filled with data from the current stream. (Program 6.2)

6.1.7 Delete stream

To delete a stream, click the **Delete** button. A confirmation dialogue will appear. Click **Confirm** to permanently remove the stream.

6.2 Program

Manage your program items here.



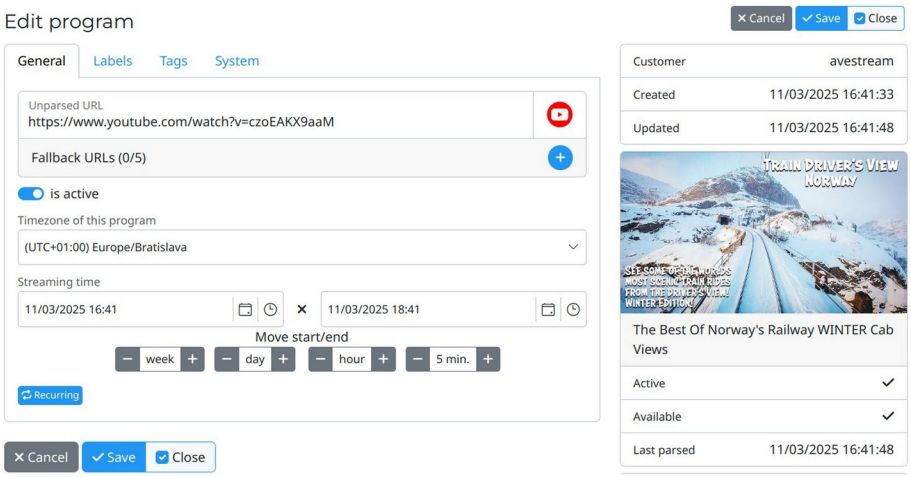
The list displays key information such as title, category, availability, and parse status.

Actions:

Edit	6.2.1	Parse	6.2.2	Show	6.2.3
				QR-Code	6.2.4
				Open externally	6.2.5
				Create copy	6.2.6
				Create archive	6.2.7
				Delete	6.2.8

6.2.1 Add/Edit program

Edit items with the **Edit** button. Add new items with the **Add** button.



General

Unparsed URL	Enter the original URL from the streaming platform
Fallback URLs	Enter up to 5 alternative video URLs to provide a backup options for the same video.
Is active	When enabled, the item will be active and visible on the frontend
Automatically archive	If enabled, this program item will be automatically archived after its streaming time has ended.
Your timezone	Select the timezone for this program item
Streaming time	Defines the start and end time of this program item. Use the **move date** buttons to adjust the start and end dates
Recurring	Configure this program to run regularly. See details in section 6.2.9

Override

Title	Replace the original video title with a custom title
Description	Replace the original video description with a custom description
Thumbnail	Replace the original video thumbnail with a custom image

Tags

Categories	Add categories for this video to organize your library
Keywords	Add relevant keywords to this video to facilitate grouping and searching

System

Parsing frequency	Determines how often the system checks for updates to this item

Statistics
Review statistics for this item. Select a specific time period to analyse trends and data.

6.2.2 Parse program

Triggers an immediate update of the selected item. Use this after making any changes to the item's settings. **Note:** If the Unparsed URL contains a YouTube video, a valid YouTube Data API key must be provided in the settings 4.2.5

6.2.3 Show program

Click he **Show** button to open a preview of the program in a new browser tab.

6.2.4 QR-Code

Click to generate a QR code linking to this item. If a brand image is set in your settings 4.2, it will appear in the centre.

6.2.5 Open externally

Opens the unparsed URL of the selected item in a new browser tab.

6.2.6 Create copy

Create a copy to quickly start a new item with similar settings.
Modify the copied data and save the new item.

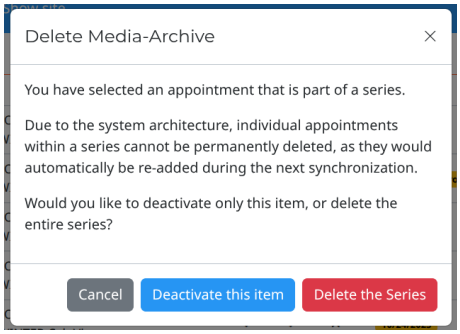
6.2.7 Create archive

Create an archive based on the settings of this program

6.2.8 Delete program

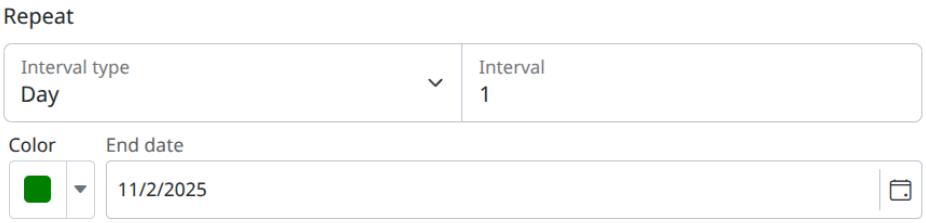
To delete an item, click the **Delete** button.
Confirm the deletion in the dialogue box to permanently remove the item.

Note: Due to the system architecture, individual appointments within a series cannot be permanently deleted, as they would automatically be re-added during the next synchronization. That's why single entries can not be deleted only deactivated.



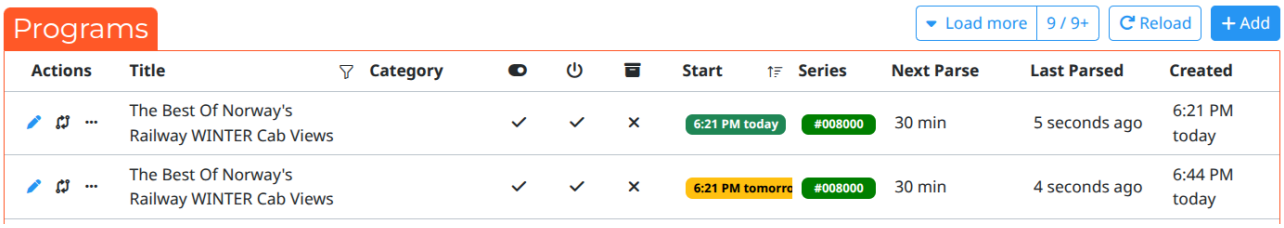
6.2.9 Repeat

Configure this program to run regularly by setting the desired interval. This allows you to automate the program's execution, ensuring consistent operation without manual intervention.



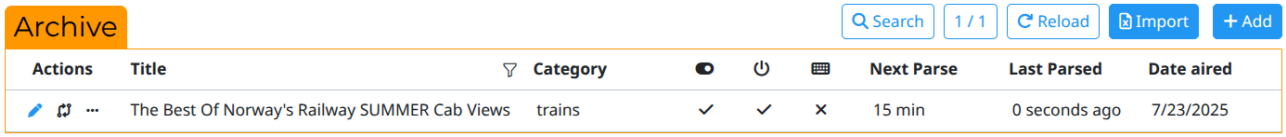
Interval type	Choose the unit of time for the interval (e.g., **Hour**, **Day**, **Week**)
Interval	Specify the numerical value for the interval. For example, setting this to **2** with a **Day** interval type will cause the program to repeat every two days.
Color	Assign a color to this series for visual distinction in the program list
End date	Changes to the form will automatically refresh the preview below, showing the effect of your settings. The original item will be indicated with a blue bar, and the copies will have yellow bars next to it.

The series will be visible in the program list once you save your settings.



6.3 Archive

Manage archived videos in the Archive section.



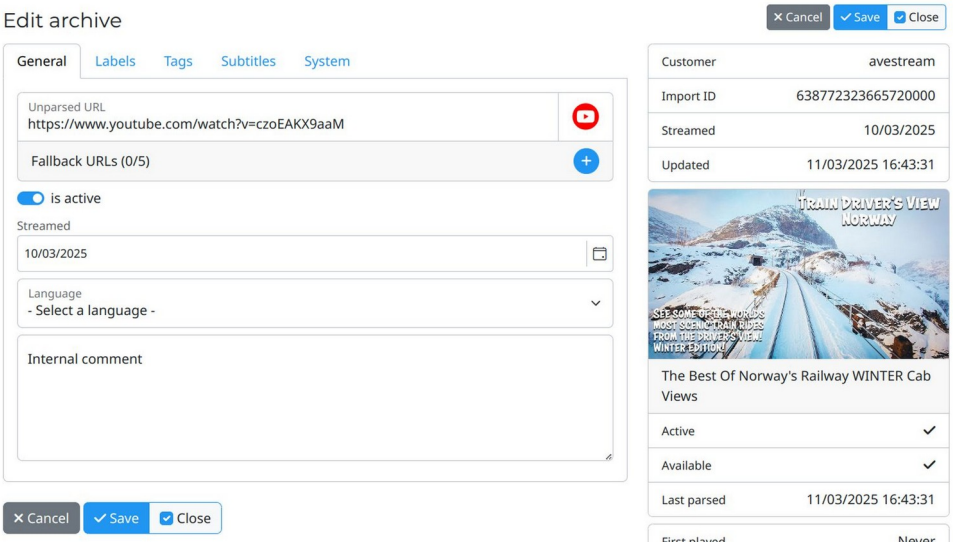
The list displays key information such as title, category, availability, and parse status.

Actions:

Edit	6.3.1	Parse	6.3.2	Show	6.3.3
				QR-Code	6.3.4
				Create copy	6.3.5
				Delete	6.3.6

6.3.1 Add/Edit archive

Edit items with the **Edit** button.
Add new items with the **Add** button.



General

Unparsed URL	Enter the original URL from the streaming platform
Fallback URLs	Enter up to 5 alternative video URLs to provide a backup options for the same video.
Is active	When enabled, the item will be active and visible on the frontend
Streamed on	Select the date when the video was streamed or created
Language	Define the language of the streamed content
Internal comment	Add an internal comment here. This note will not be visible to website visitors.

Override

Title	Replace the original video title with a custom title
Description	Replace the original video description with a custom description
Thumbnail	Replace the original video thumbnail with a custom image

Tags

Categories	Add categories for this video to organize your library
Keywords	Add relevant keywords to this video to facilitate grouping and searching

Subtitle

Subtitles (srt)	Upload Subtitle here (.srt). These subtitles will appear below the video and allow viewers to jump to specific points by clicking on them.

System

Parsing frequency	Determines how often the system checks for updates to this item

Statistics
Review statistics for this item. Select a specific time period to analyse trends and data.

6.3.2 Parse archive

Triggers an immediate update of the selected item. Use this after making any changes to the item's settings. **Note:** If the Unparsed URL contains a YouTube video, a valid YouTube Data API key must be provided in the settings 4.2.5

6.3.3 Show archive

Click this button to open a preview of the stream in a new browser tab.

6.3.4 QR-Code

Click to generate a QR code linking to this item. If a brand image is set in your settings 4.2, it will appear in the centre.

6.3.5 Create copy

Quickly create a new item based on the current one.
Modify the copied data as needed and save the new item.

6.3.6 Delete archive

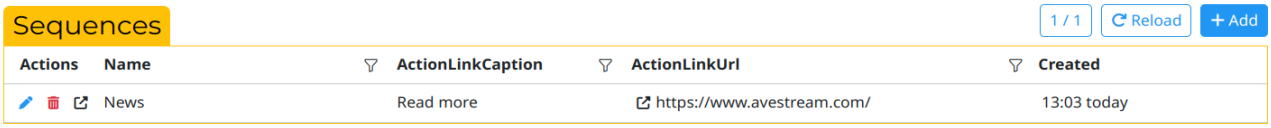
To delete an item, click the **Delete** button.
Confirm the deletion in the dialogue box to permanently remove the item.

6.4 Sequences

Before watching an archived video on the mobile platform, viewers will encounter a short sequence. This presents an ideal opportunity to:

Solicit donations to support your continued work

Highlight important news and updates related to your organization



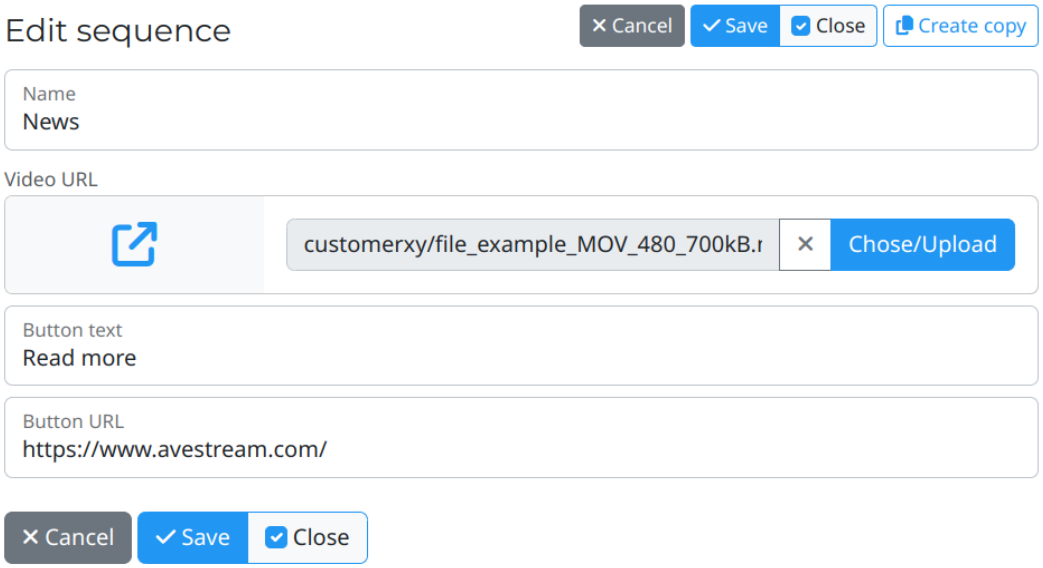
In the list, you'll see essential details like title, category, availability, and parse status.

Actions:

Edit	6.4.1	Download	6.4.2	Create copy	6.4.3
				Delete	6.4.4

6.4.1 Add/Edit sequence

Edit an existing item by clicking the **Edit** button within the list.
To create a new item, click the **Add** button.



Name	The name of the item you are creating
Video	Chose the video (mov or mp4) you want to use in the sequence (See File-Manager 9.4)
Button text	Set the text that will appear on the button
Button URL	Enter the URL that will be opened when the button is clicked

6.4.2 Download sequence

To download the video for this article, click the **Download** button. If your browser can play the video, it will be displayed in a new tab.

6.4.3 Create copy

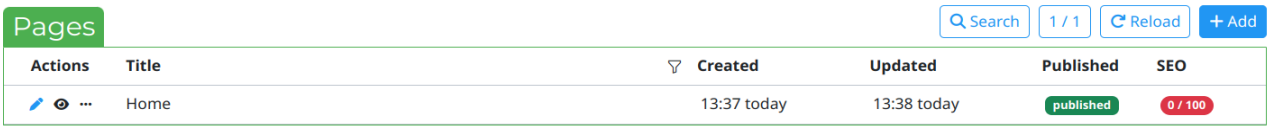
This will open a new item pre-filled with the data from the original. Modify the values as needed and save the new item.

6.4.4 Delete sequence

After confirming in the dialogue box, the item will be permanently removed.

7 Articles

An article is a piece of written content. On a website, articles can be presented as web pages. Two common types of articles found on websites are blog posts and static pages.



Actions:

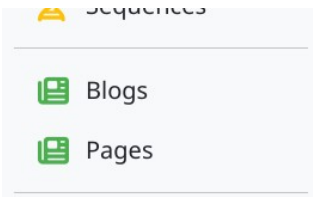
Edit	7.3	Preview	7.5	••• QR-Code	7.6
				Export	7.7
				Create copy	7.8
				Delete	7.9

7.1 Search

If you have many articles, you can easily find a specific one by opening the search dialogue. Click here to learn more about using the search dialogue 9.3

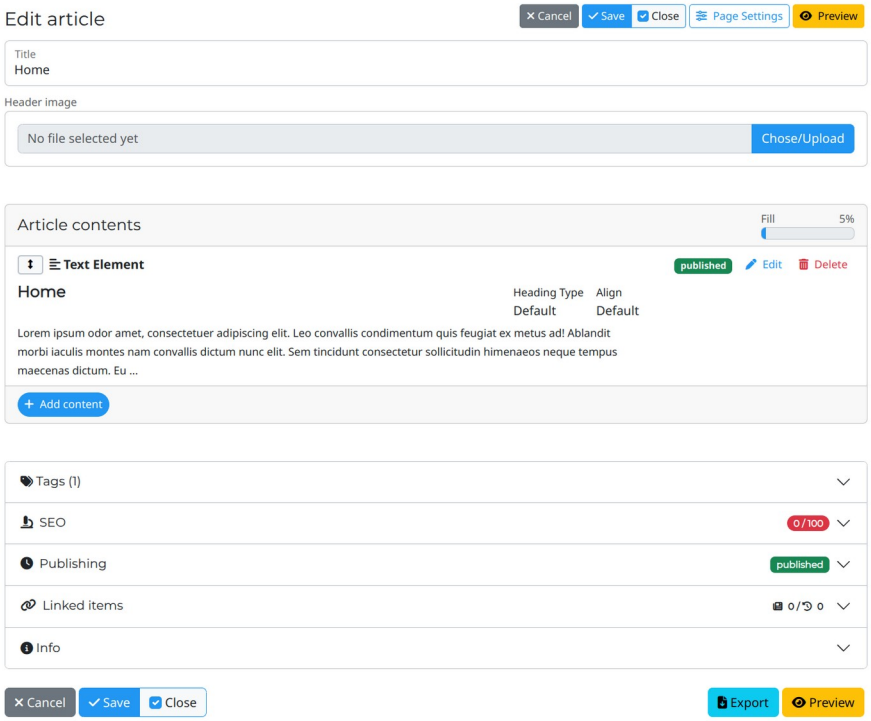
7.2 Types

To create additional types, view customer settings 4.2.3



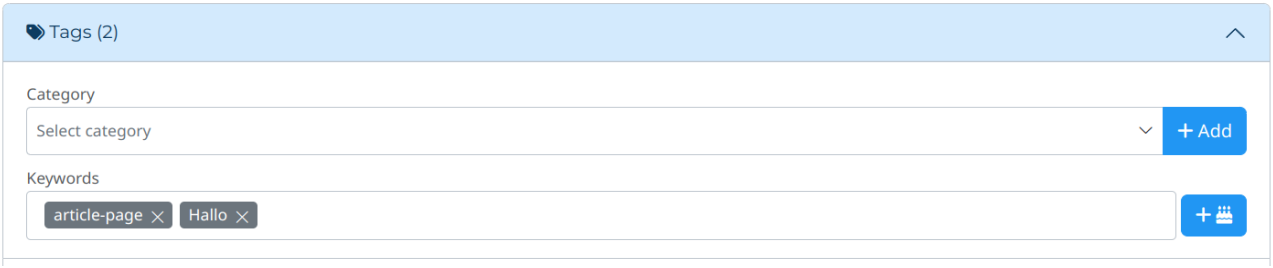
7.3 Edit article

To edit an item, click the **Edit** button in the list.
To create a new item, click the **Add** button.



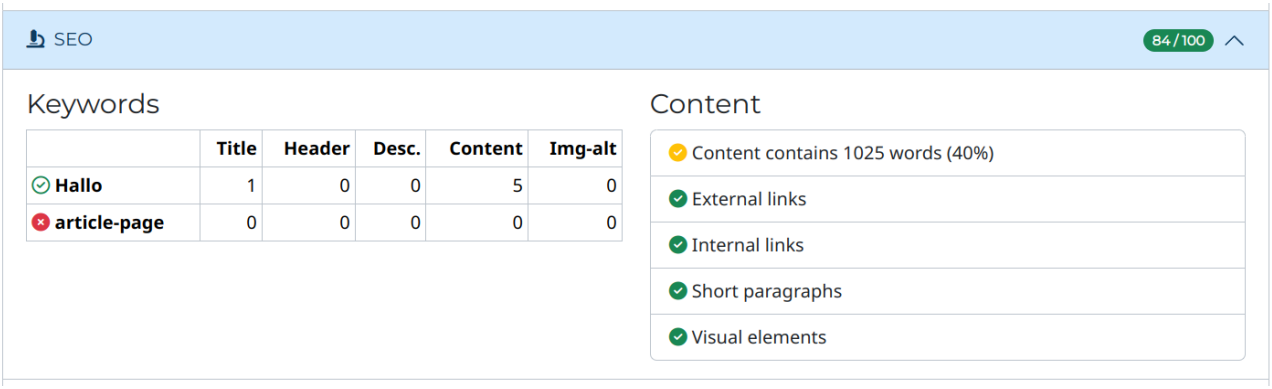
Title	Enter the title of this article
Header image	Select the image to use as the header image (See File Manager 9.4)
Article contents	Manage contents for this article. The 'Fill View' indicates how full the high-performance page is. Reaching 100% will still allow saving, but may impact performance.

7.3.1 Tags



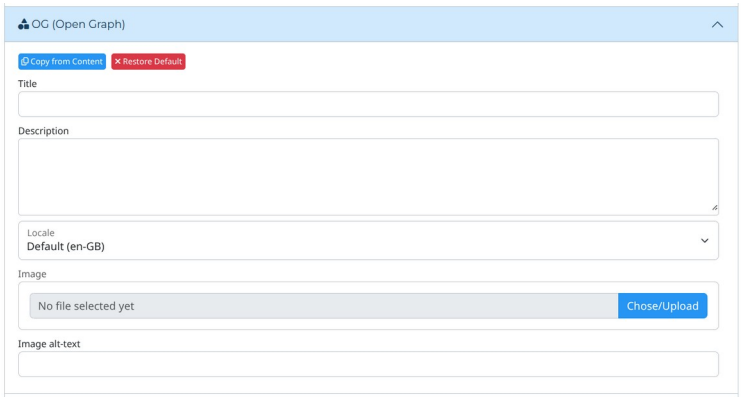
Categories	Add categories for this article to organize your library
Keywords	Add relevant keywords to this article to facilitate grouping and searching.

7.3.2 SEO



Under the SEO section, you can view the current SEO Rating for this article.
This section provides tips on how to improve your SEO Rating.

7.3.3 OG (Open Graph)



This feature allows you to customize how your article appears when shared on social media platforms (like Facebook, X/Twitter, and LinkedIn).

Default Behavior

By default, the system automatically generates Open Graph tags for your article using the following fallback content:

- **Title:** The article's main title
- **Description:** The first available text from the article content
- **Locale:** “Default Display Format” from Language Settings 4.2.4
- **Image:** The Header image from the article
- **Image alt-text:** The article's main title

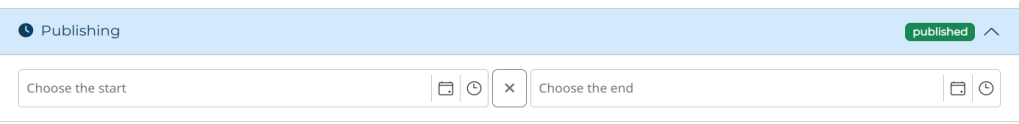
The OG-Tag override form gives you complete control to define custom content for these social media previews.

Copy from Content	Copies the default content into the form fields
Restore Default	Clears any custom input and restores the system's default behavior

How to Use the Override Feature

1. **To Quickly Get a Starting Point:** Click the **Copy from Content** button. The fields will populate with the article's default content, saving you time.
2. **To Customize:** Edit the populated OG Title and OG Description fields as desired. (e.g., shorten the description or create a more compelling title for social media).
3. **To Use the Default Content:** If you have entered custom content but decide you want the system to revert to using the article's title/excerpt again, click the "Restore Default" button.

7.3.4 Publishing

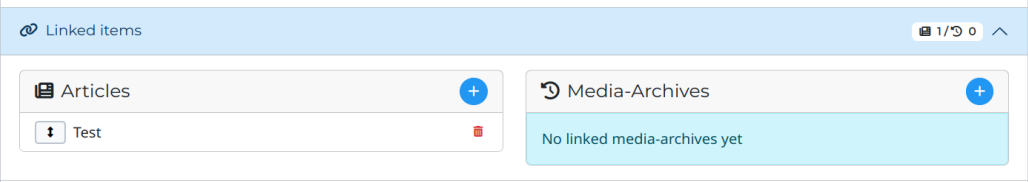


Control article publication by setting start and end dates

If you only set a start date, the article will be published from that date onwards

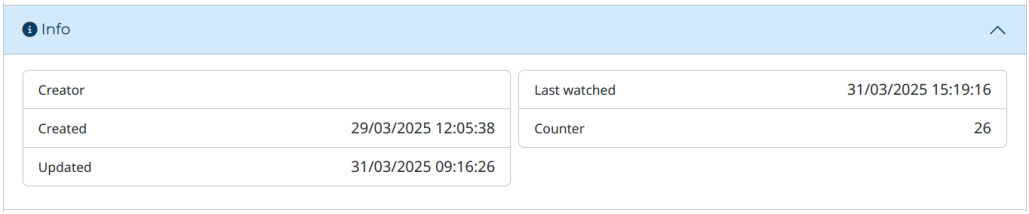
If you only set an end date, the article will be published until that date

7.3.5 Linked items



You can link to other CMS items (articles and archives) at the end of this article.

7.3.6 Info



Get additional information about the article.

7.3.7 Statistics

Review statistics for this item. Select a specific time period to analyse trends and data.

7.4 Article Metadata

Some article types include additional metadata fields for you to complete, providing more specific details about the content.

7.4.1 Shop Product

7.4.1.1 General

Product teaser	Add a brief, engaging description of your product here
Additional product images	Upload extra images to showcase your product

7.4.1.2 Price / Variants

Has variants	Check this box if your product comes in multiple variants (e.g., different sizes, colors) If you check **Equal price**, you'll only need to enter one price that applies to all your product variants
Label (variants only)	This is the name for a specific variant option, such as **Red** for a color variant or **Large** for a size variant
Price	This defines the price for this specific product or product variant
Variant Image (variants only)	Upload an image that represents this particular product variant
Stock management	If enabled, you can enter the stock amount and a unique SKU (Stock Keeping Unit) for your product or each variant If stock management is off, you can manually set the **Stock status**: **In Stock:** Indicates the product is available for purchase **Out of stock:** Indicates the product is currently unavailable **Out backorder:** Indicates the product is out of stock but can still be ordered, with delivery to follow later

7.4.1.3 Attributes

Add attributes to your shop products. Attributes are presented as a list of Name/Value.

Name	Define the name for the attribute (e.g., "Color," "Size," "Author")
Value	Set the corresponding value for the attribute (e.g., "Red," "Large," "Cotton").

7.4.1.4 Options

Define the options available for your product. Customers can choose one or more of these options when purchasing the product. You can add new options by clicking the Add button. To reorder options, use the drag-and-drop functionality.

Think of this like a pizza configurator: your shop visitors can add various items to their pizza, such as "extra cheese" or "olives".

Label	Set a label for this option group. If defined, this label will appear above the selection buttons
Display as	Choose how these options will be presented to customers. Possible display types include buttons or a list
Allow multiple selection	Enable this if customers should be able to select more than one choice
Name	Enter the name for this specific option (e.g., "extra cheese ," "olives")
Cost	Set the additional cost associated with choosing this option

7.4.1.5 Shipping

Here, you can define the physical dimensions of this item for shipping purposes.

Weigth (kg)	Enter the weight of the item in kilograms
Length (cm)	Enter the length of the item in centimeters
Width (cm)	Enter the width of the item in centimeters
Height (cm)	Enter the height of the item in centimeters

7.4.2 Donation

Payment link	Add the payment link from your payment-provider.

How to create a Payment-Link in Stripe:

- In your Stripe Dashboard, go to the **Payment Links** section.
- Click the **+ New** button.
- Select Products in your Stripe account
- If you haven't created a product yet, click **+ Add new product**
  - Product Details (if new):
    - Name: E.g., "Donation" or "Support Our Mission"
    - Price: For a fixed-amount donation (e.g., €25), set the price here.
- Click Create link.

Stripe will generate a unique URL that you can immediately start sharing.

7.5 Show article

To view the preview, click the **Show** button. The preview will open in a new browser tab.

Note: Any unsaved changes you've made will be visible in the preview, and an alert will appear on the preview page to indicate this.

7.6 QR-Code

Click to generate a QR code linking to this item. If a brand image is set in your settings 4.2, it will appear in the centre.

7.7 Export article

You can export the Article as a json-backup by clicking the **Export** button.

7.8 Create copy

This will open the Edit-Form with the copy of an existing article.

7.9 Delete article

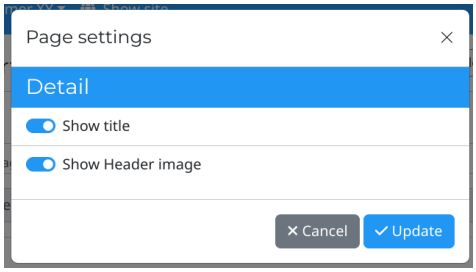
To delete an article, click the **Delete** button.
After confirming in the dialogue box, the item will be permanently deleted.

7.10 Import Article

You can import articles from previously exported .json files or restore individual articles from backups. Click the **Import** button to open the import dialog. Upload the desired .json file, and the articles will be imported automatically.

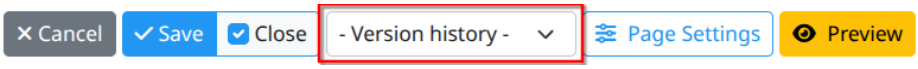
7.11 Page settings

Page settings can be adjusted during the editing process.



Show title	If checked, the title will be displayed in the detail view
Show Header image	If checked, the header image will be displayed in the detail view

7.12 Version history



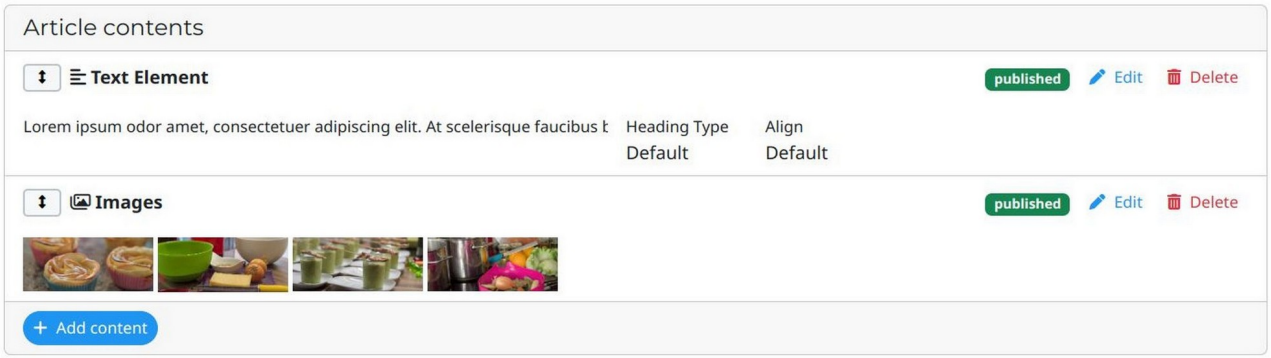
AveStream automatically saves a new version of your article to your local browser every time you save.

You can choose from the last 10 versions and restore any of them.

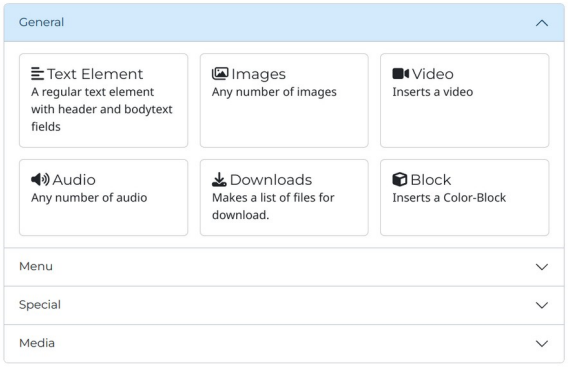
Please note that selecting a previous version will only restore the data in your edit-form; it will not automatically save it.

7.13 Content-Items

Customize the order of content items within each article.
Use the intuitive drag-and-drop interface to easily rearrange the display sequence.



Click the **Add Content** button to add new content.
Select the desired content type from the list or use the search bar to find it.



New content items are automatically added to the bottom of the list.

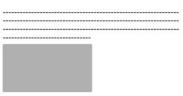
To edit an existing item, click the **Edit** button.

To delete an item, click the **Delete** button.
A confirmation prompt will appear before the item is permanently removed.

7.13.1 General fields

All content elements share common fields for customizing their style and behaviour.

Position & Alignment

Above Start		The object will be shown left-aligned above text. This is the Default value
Above Center		The object will be shown centred above text.
Above End		The object will be shown right-aligned above text.
Below Start		The object will be shown left-aligned below text. This is the Default position
Below Center		The object will be shown centred below text.
Below End		The object will be shown right-aligned below text.
Start		The object will be shown left-aligned beside the text.
End		The object will be shown right-aligned beside the text.
Float Start		Positions the object at the start of the text flow, allowing text to wrap around it.
Float End		Positions the object at the end of the text flow, allowing text to wrap around it.

Appearance

Layout	Select the desired layout for this element: **Default:** Standard container with space margins on both sides **Fluid Content:** Full width of the page with minimal padding **Full Width:** Full width of the page without padding
Layout CSS-Class	Add custom CSS classes for margin, padding and colour https://getbootstrap.com/docs/5.3/utilities/spacing/
Show in Page-Index	Controls the visibility of the Header field within the Page Index (if available) (See 7.13.9)

Access

Publish	Select the date-time when this content will be made publicly visible
Is active	This content will be visible only if this checkbox is checked

7.13.2 Text Element

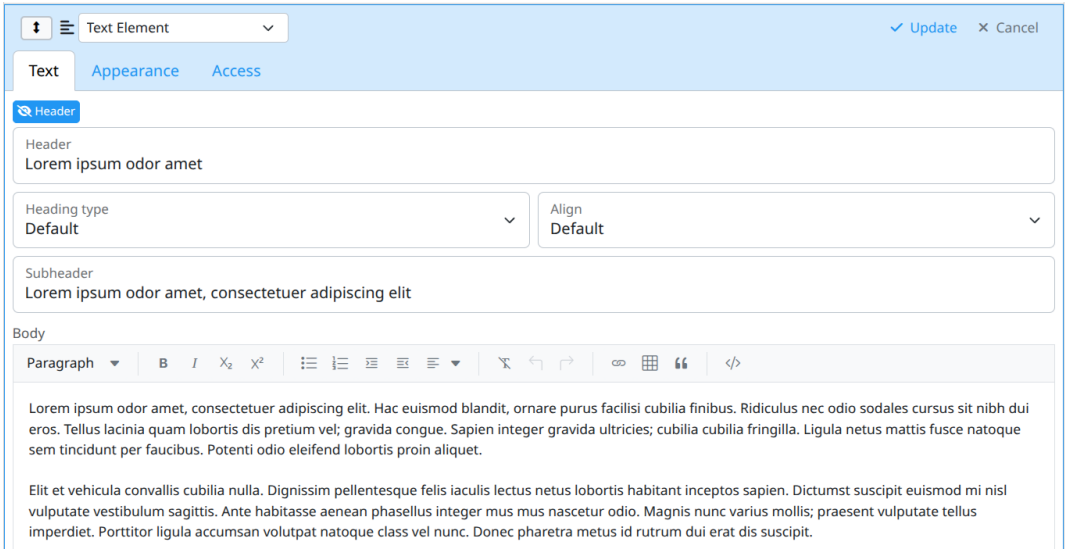
The Text Element allows you to create and format basic text content.

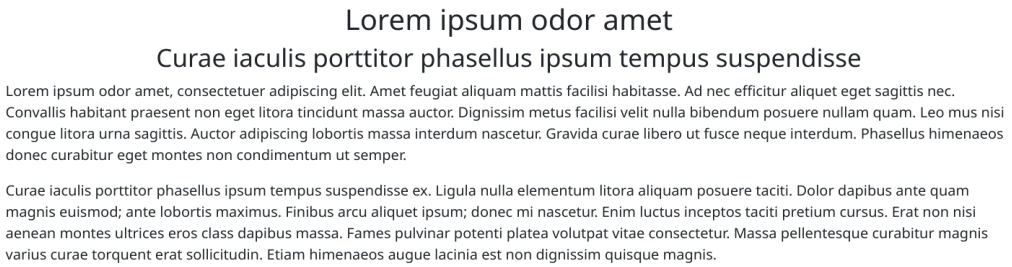
Generally

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the main body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1





7.13.3 Images

The Images content allows you to add multiple images to your article. You can optionally include accompanying text and control how the text wraps around the images.

Images

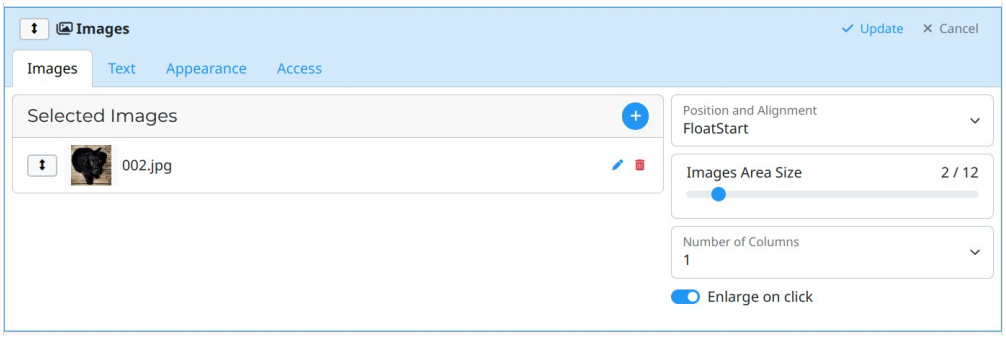
Filter by Tag	Select a tag from the dropdown to display images associated with this tag. Manual image selection will be disabled
Max. items	Limits the number of images shown (only applicable when a tag is selected in **Filter by Tag**)
Selected images	List of the selected images for this content. To add new images, click the **Add** button and open the File Manager, See 9.4
Position & Alignment	Defines how the images will wrap with the text, See 7.13.1
Images Area Size	Defines the area that is taken up by the images
Number of Columns	Defines how many columns will be used to display the images
Enlarge on click	Opens a lightbox of the clicked image, See 9.5

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1



7.13.4 Video

The Video content allows you to add a single video to your article. You can optionally include accompanying text and control how the text wraps around the video.

Video

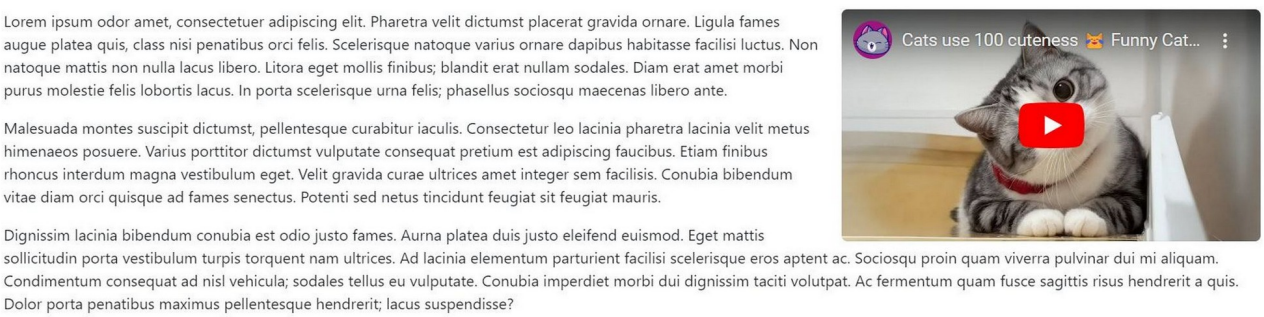
Video source	Select the source of the video: **File:** Upload a video directly from your storage. Click the Choose/Upload button to select a video file from your file manager. **External:** Enter the URL of the YouTube or Rumble video you want to use for this content. After changing the URL, the system will attempt to retrieve the necessary information to display the video. **Media Archive:** Select an existing video from your media-archive
Video embedded (Media Archive only)	If this option is enabled for a video from your **Media Archive**, the video will be embedded directly onto the page within an iframe
Video is vertical	When enabled, the video will be displayed in a vertical format, optimized for platforms like YouTube-Shorts and TikTok.
Position & Alignment	Defines how the video will wrap with the text, See 7.13.1
Video Size	Defines the area that is taken up by the video

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1



7.13.5 Audio

The Audio content lets you add multiple audio files to your article. You can optionally include accompanying text and control how it wraps around the audio files.

Audio Files

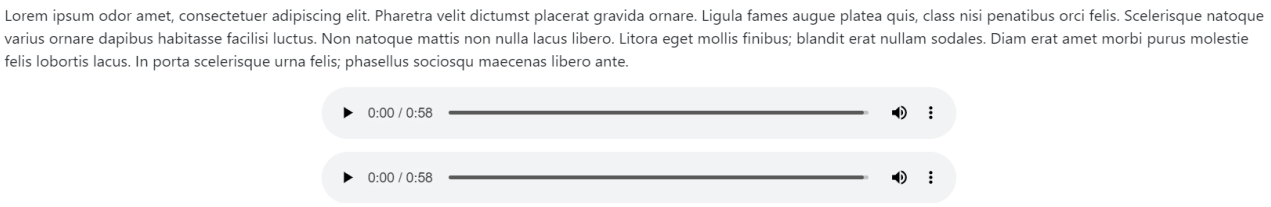
Filter by Tag	Select a tag from the dropdown to display audio files associated with this tag. Manual audio file selection will be disabled
Max. items	Limits the number of audio files shown (only applicable when a tag is selected in **Filter by Tag**)
Selected Audio-Files	List of the selected audio files for this content. To add new audio files, click the **Add** button and open the File Manager, See 9.4
Position & Alignment	Defines how the audio files will wrap with the text, See 7.13.1
Audio Area Size	Defines the area that is taken up by the audio files
Number of Columns	Defines how many columns will be used to display the audio files

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1



7.13.6 Downloads

The Download content lets you add multiple files for download. You can optionally include accompanying text and control how it wraps around the files.

Files

Filter by Tag	Select a tag from the dropdown to display files associated with this tag. Manual file selection will be disabled
Max. items	Limits the number of files shown (only applicable when a tag is selected in **Filter by Tag**)
Selected Files	List of the selected files for download for this content. To add new files, click the **Add** button and open the File Manager, See 9.4
Position & Alignment	Defines how the files will be wrapped with the text, See 7.13.1
Files Area Size	Defines the area that is taken up by the files
Number of Columns	Defines how many columns will be used to display the files
Show preview	If checked, the file will be displayed inline if possible. **Note:** This option is available only when **exactly one file** is selected and the **Number of Columns** is set to one

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Labels

Download button label	Enter the label to display on the download-button

Appearance & Access

Read more about the general fields here 7.13.1

7.13.7 Block

The Block content allows you to add a block headline. You can optionally include accompanying text and control how it wraps around the headline.

Block

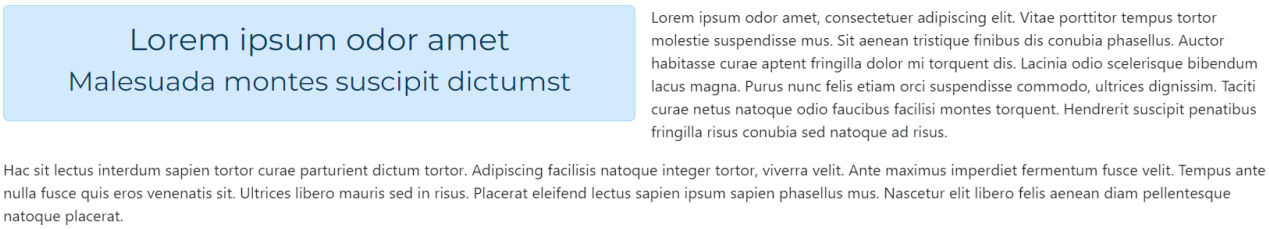
Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Block Style	Select the style to use for the block. To add new Block Styles, see 4.2.10
Position & Alignment	Controls how the block interacts with surrounding text, See 7.13.1
Block Size	Determines the overall dimensions of the block.

Text

Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1



7.13.8 Menu

The Menu content element enables you to create a custom navigation within your article, allowing readers to easily navigate between different sections or related content.

Menu

Display as	Determines how the Menu will be presented
Read-More label	Sets the text for the **Read More** link (for Card and Fancy Card views only)
Aspect ratio (Carousel only)	Sets the aspect ratio of the Carousel
Animation (Carousel only)	Select the animation for carousel transitions. **Slide:** New items slide in from the side **Fade:** New items cross-fade
Interval seconds (Carousel only)	Sets the duration (in seconds) each carousel item is displayed before transitioning to the next. The interval starts only after the user's first interaction with the carousel, unless Autoplay is enabled.
Autoplay (Carousel only)	Enables automatic carousel playback upon loading
Selected Articles	Choose the articles to be displayed in the Menu
Position & Alignment	Controls how the Menu interacts with surrounding text, See 7.13.1
Menu Area Size	Determines the overall space allocated for the Menu
Number of Columns	Defines the number of columns used to display the Menu (for Card and Fancy Card views only)
Display options	Select which elements to show (title, content, date, author, button) (for Card and Fancy Card views only)

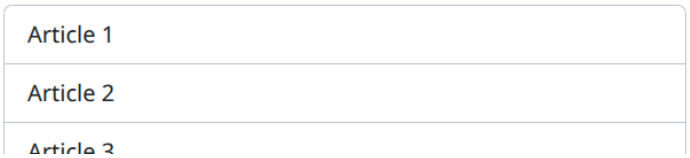
Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

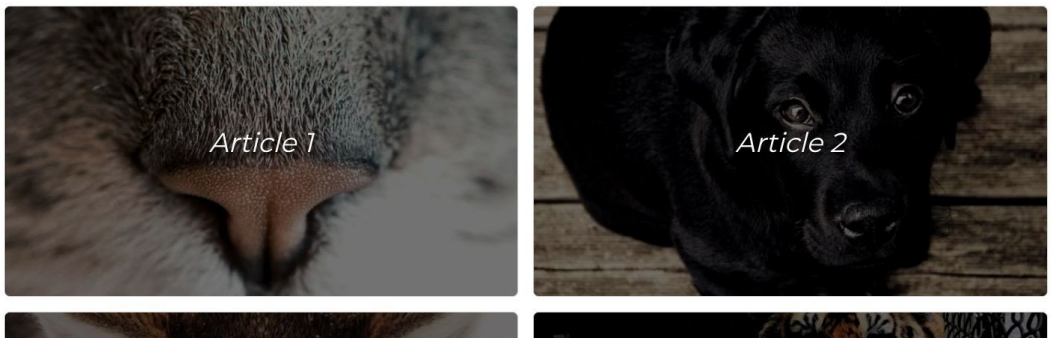
Read more about the general fields here 7.13.1

List

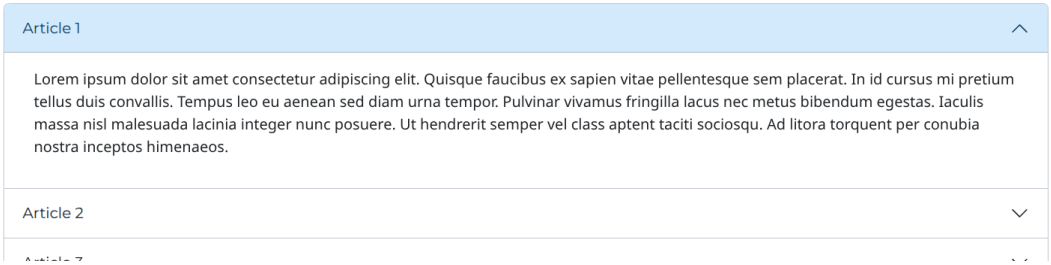


Card

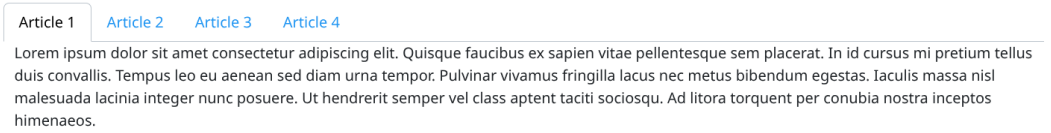
Fancy Card



Accordion



Tab



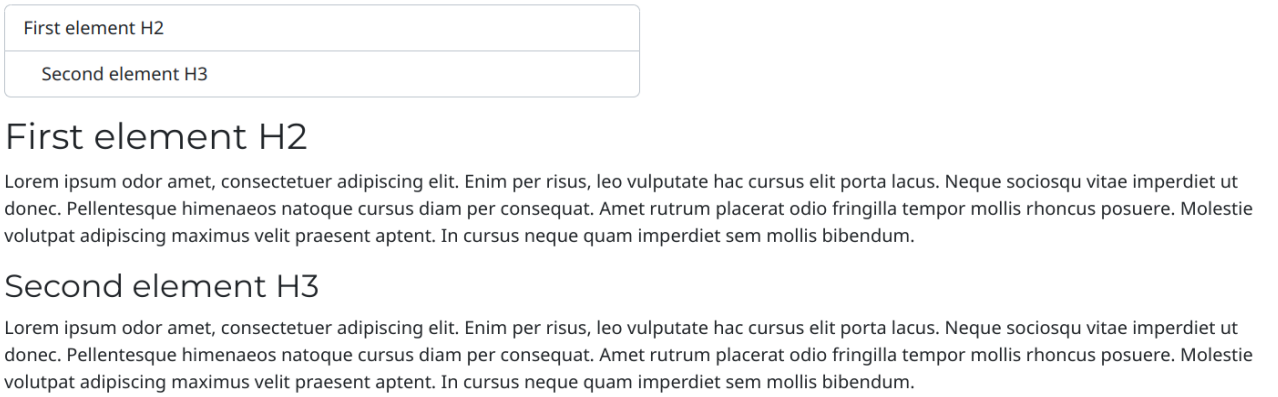
Carousel

7.13.9 Page-Index

The page-index content allows you to generate an index of all other contents within an article. Based on the Header Type (e.g., H2, H3, H4), it will automatically create a hierarchically structured index.
You have the option to exclude specific contents from appearing in the index.

When an item in the index is clicked, the page will smoothly scroll to the corresponding headline within the article.

Appearance & Access
Read more about the general fields here 7.13.1



7.13.10 Article List

The Article content element displays a list of articles. Users can click on an article to read it in full.

Article

Display as	Defines how the articles will be presented
Related article	Enable this to automatically display the first set of related articles based on the current article's categories or keywords. When enabled, the **Data Source** and **Filter by tag** selection options will be unavailable.
Data source	Chose a data source from the available options. After selecting a data source, define the range of items to use with the **Range from** and **Range to** fields. Read more about Data-Source 7.13.29 Note: **Filtering by tag**, **Page size** and **Max. items** will not be available if a data-source is selected.
Filter by tag	Refine the list of articles by selecting specific tags
Page size	Sets the number of items displayed per page for pagination
Max. items	Limits the number of articles displayed in the list
Show the Anniversary slider	This checkbox is visible only when **Display** is set to **Anniversary** If checked, allows users to change the date using a slider.
Position & Alignment	Controls how the articles interact with surrounding text, See 7.13.1
Article Area Size	Determines the overall space allocated for the displayed articles.
Number of Columns	Defines the number of columns used to display the articles
Display options	Select which elements to show (title, content, date, author, button)

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

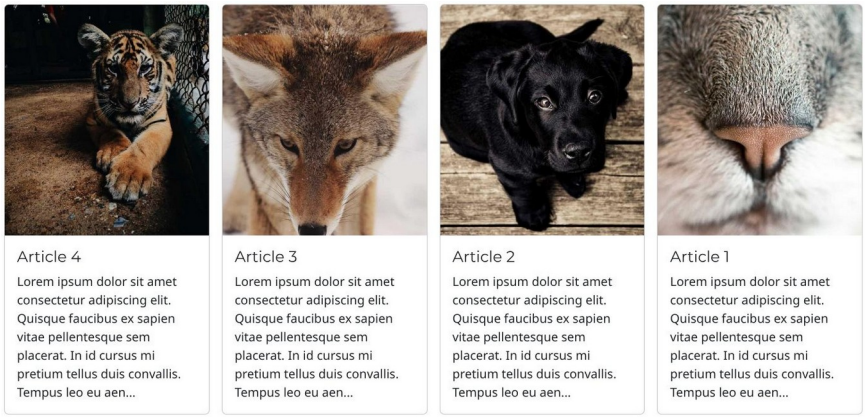
Labels

No-Articles label	Message to display when no articles are found
Read-more label	Sets the text for the Read-more button
Load-more label	Sets the text for the Load-more button

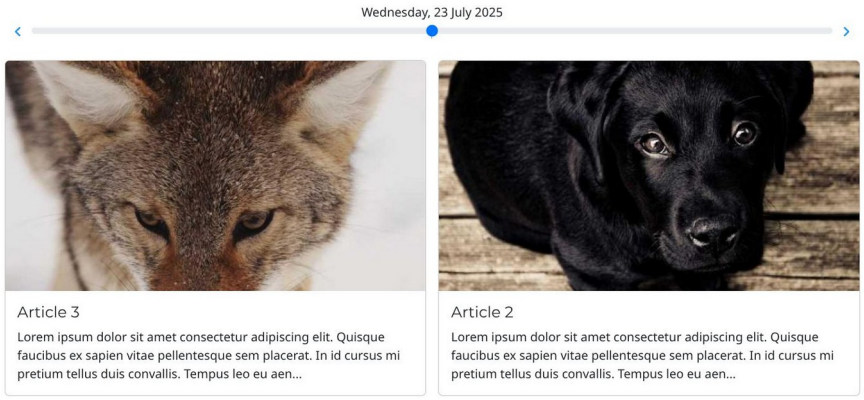
Appearance & Access
Read more about the general fields here 7.13.1

List

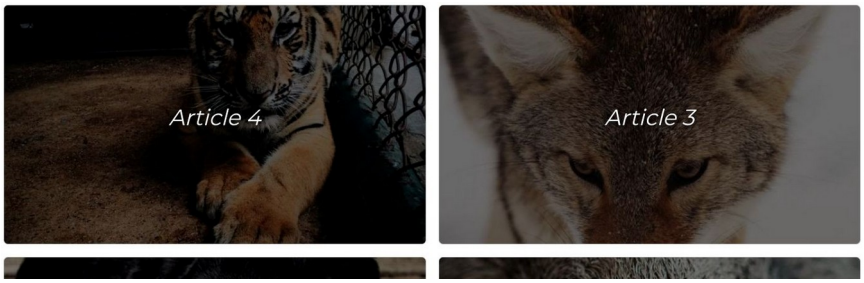
Card



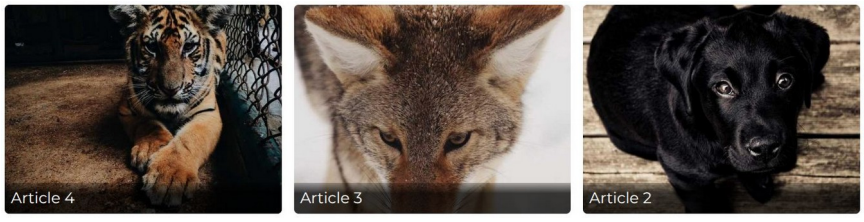
Anniversary



Fancy Card



Hero



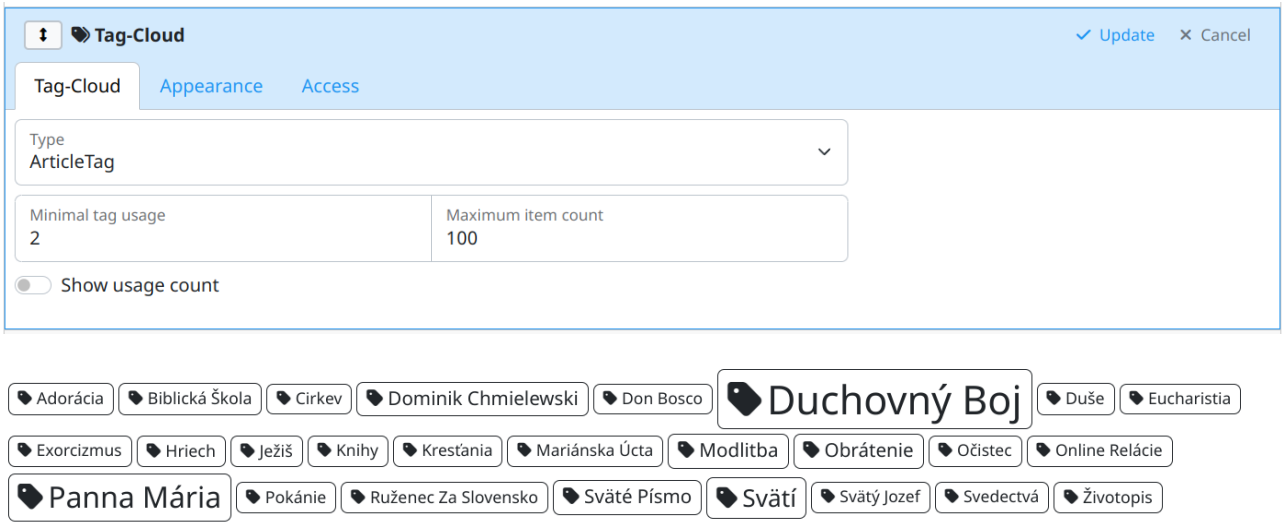
7.13.11 Tag-Cloud

Add a Tag-Cloud to your page with this content element.

Tag cloud

Type	Specifies the type of tags to be used
Minimal tag usage	Sets the minimum number of times a tag must be used to be displayed
Maximum item count	Limits the number of tags shown in the tag cloud
Show usage count	Displays the number of items associated with each tag

Appearance & Access
Read more about the general fields here 7.13.1



7.13.12 Top statistics

Use the **Top Statistics** content element to showcase the most popular items on your page. You can choose to display Articles, Programs, Streams, or Archives.

Statistic

Display as	Defines how the statistic will be presented
Compact view	Shows the item's image only, omitting text and additional details.
Statistic item	Select the entity to be included in the top statistics listing.
Item count	Sets the number of items displayed in the statistic
Position & Alignment	Controls how the articles interact with surrounding text, See 7.13.1
Statistic Area Size	Determines the overall space allocated for the displayed items.
Number of Columns	Defines the number of columns used to display the articles
Display options	Select which elements to show (title, content, date, author, button, count)

Text

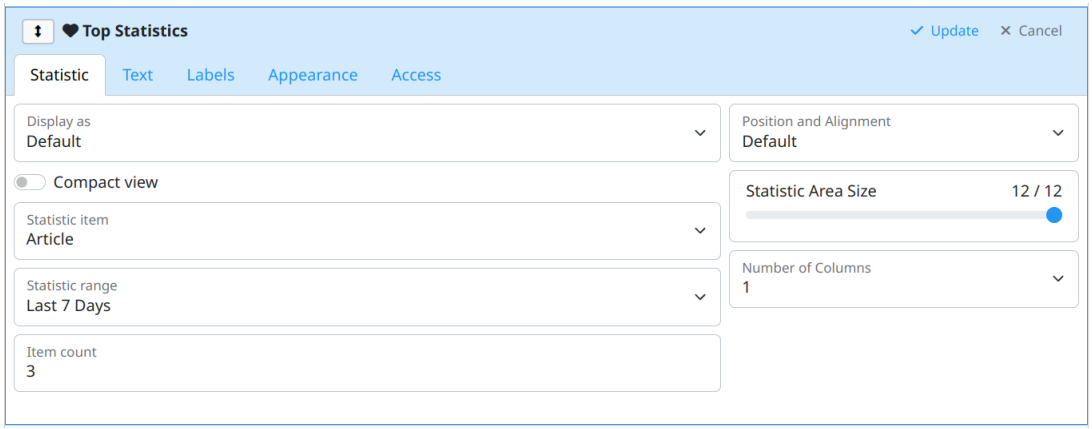
Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Labels

No-Articles label	Message to display when no articles are found

Appearance & Access

Read more about the general fields here 7.13.1



7.13.13 Contents

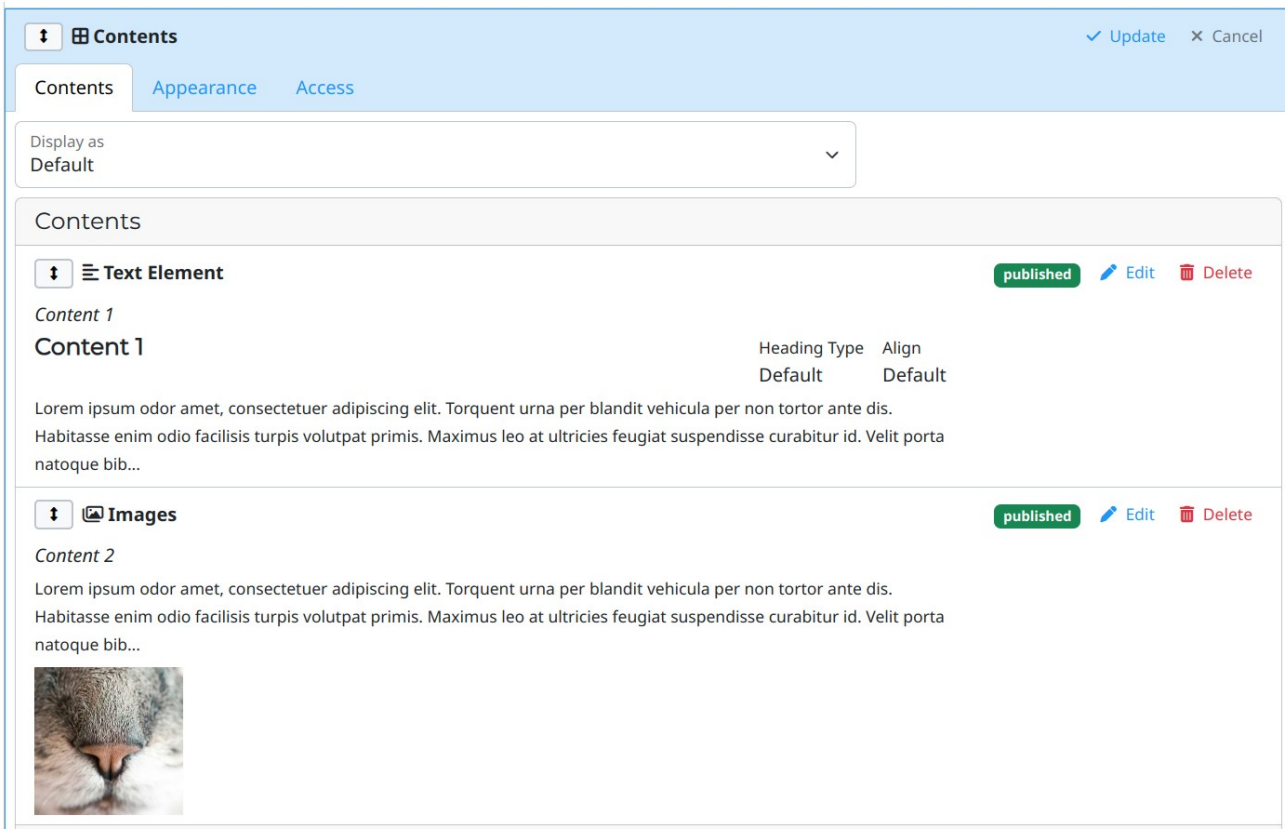
The "Contents" content element allows you to display multiple pieces of content in a single, organized structure. For example, you can arrange your content within columns, tabs, or an accordion.

Contents

Display as	Sets the display format for the content elements
Number of Columns	Defines the number of columns used to display content (for Columns and Card views only)
Contents	Manage the content elements to be included Click the "Add Content" button to add a new content element. Select the desired content type from the available options. Rearrange the order of elements using drag-and-drop

Appearance & Access

Read more about the general fields here 7.13.1



List

Content 1

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Columns

Content 1

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Card

Content 1

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Accordion

Content 1

Content 2

Content 2

Lorem ipsum odor amet, consectetuer adipiscing elit. Nunc odio lorem, finibus nisi rhoncus mattis luctus. Adipiscing morbi tortor posuere dis integer montes convallis. Velit libero placerat proin iaculis vestibulum praesent ad aliquet. Primis nascetur curabitur et quisque massa ac duis. Tristique duis faucibus himenaeos quam tincidunt elementum lacinia cubilia. Ac nullam sodales suscipit ex duis feugiat pulvinar eu consequat. Aenean blandit senectus magna mattis aliquet. Nascetur maximus mauris pulvinar et, eget pellentesque ornare. Libero ante maecenas varius magnis eget nisi.

Tab

Content 1 Content 2 Content 2

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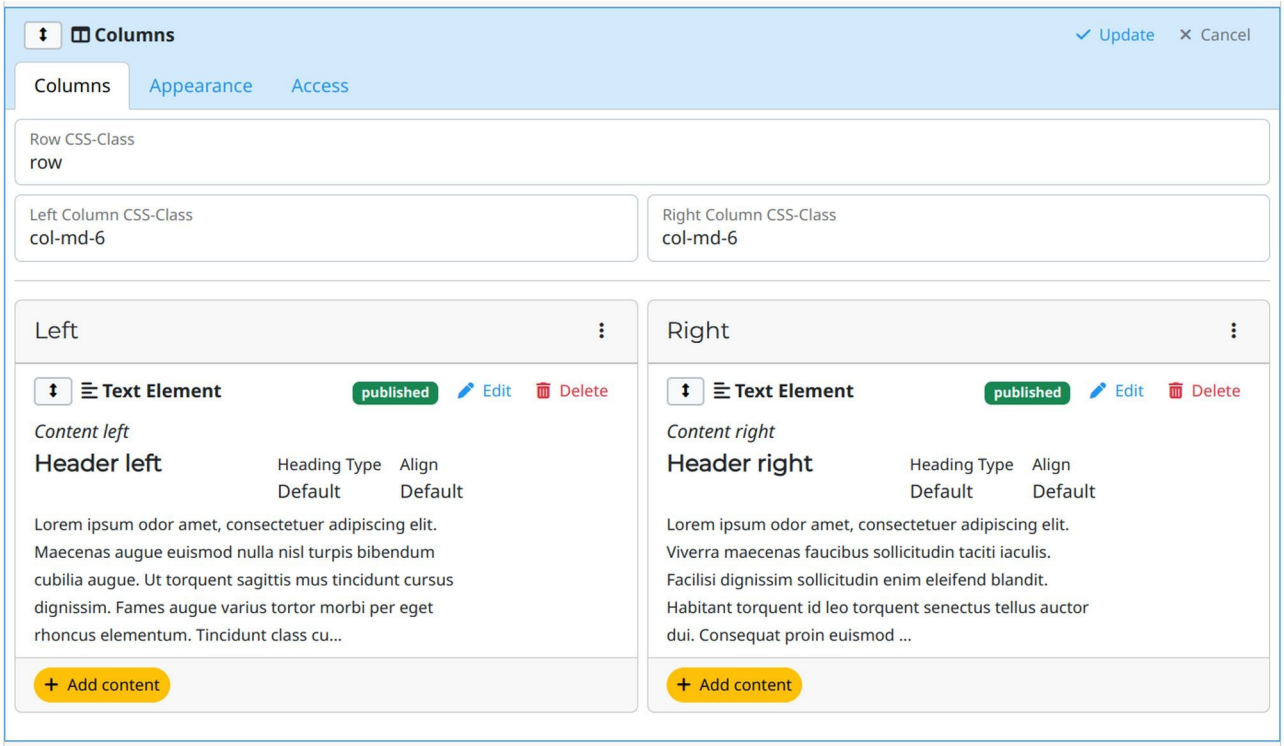
7.13.14 Columns

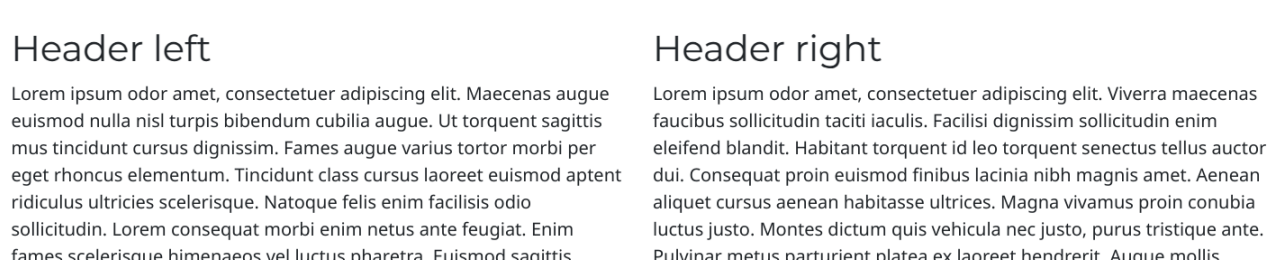
Use the Columns element to create a two-column layout for your content.

Columns

Row CSS-Class	Enter the CSS class for the row (e.g.: **row g-2**)
Left Column CSS-Class	Enter the CSS-class for the left column (e.g.: **col-md-8**)
Right Column CSS-Class	Enter the CSS-class for the right column (e.g.: **col-md-4**)
Left/Right	Add content elements to both the left and right columns. Almost all content types are supported.

Appearance & Access
Read more about the general fields here 7.13.1





7.13.15 Plain HTML

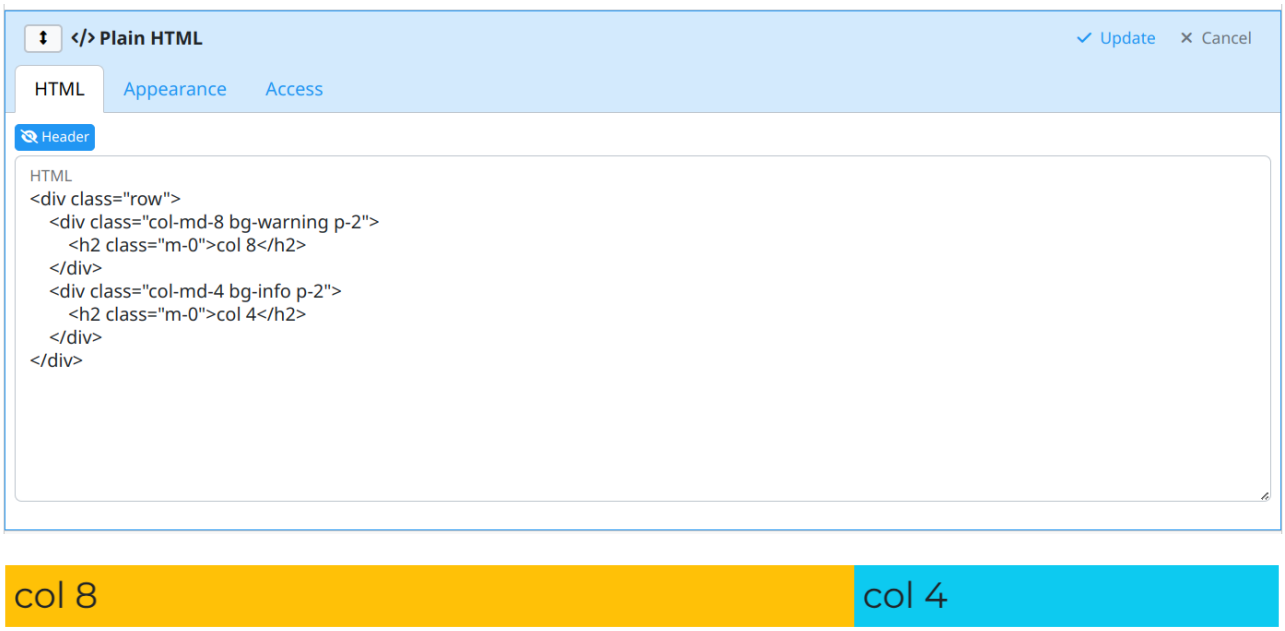
The Plain-HTML content allows you to add custom HTML code for individual and extended functionality. This provides flexibility for implementing unique features or integrating with external services.

HTML

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
HTML	Enter the HTML for this content

Appearance & Access

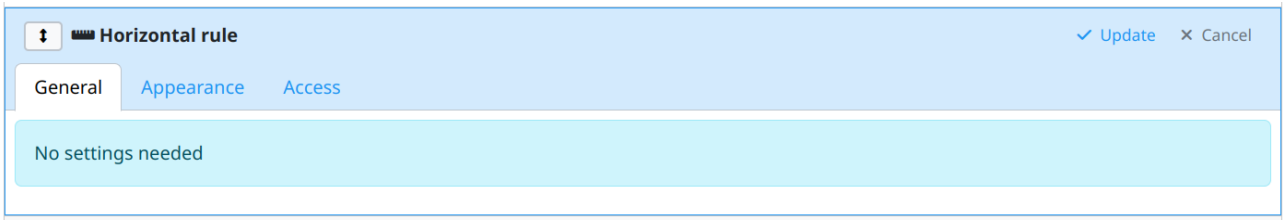
Read more about the general fields here 7.13.1



7.13.16 Horizontal rule

The Horizontal Rule content allows you to add a visual divider across the page, effectively separating distinct sections or content blocks.

Appearance & Access
Read more about the general fields here 7.13.1



7.13.17 Form

The Form content element allows you to create comprehensive contact forms to gather user information.

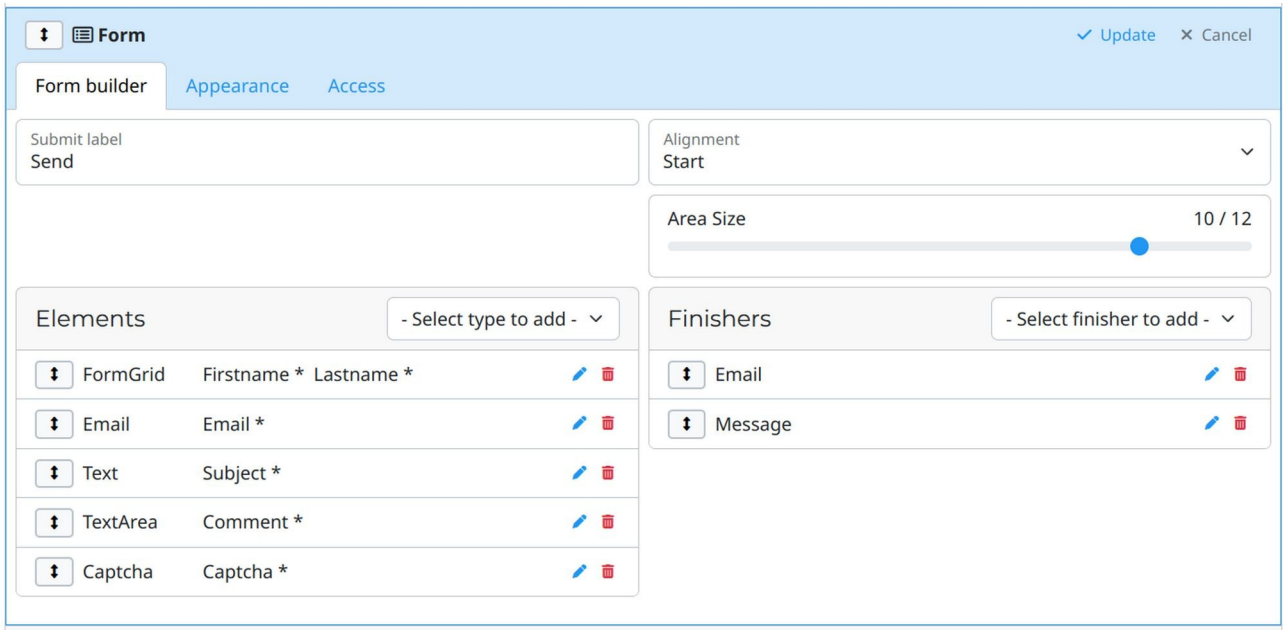
You can add multiple finishers to define the actions that occur when the user submits the form.

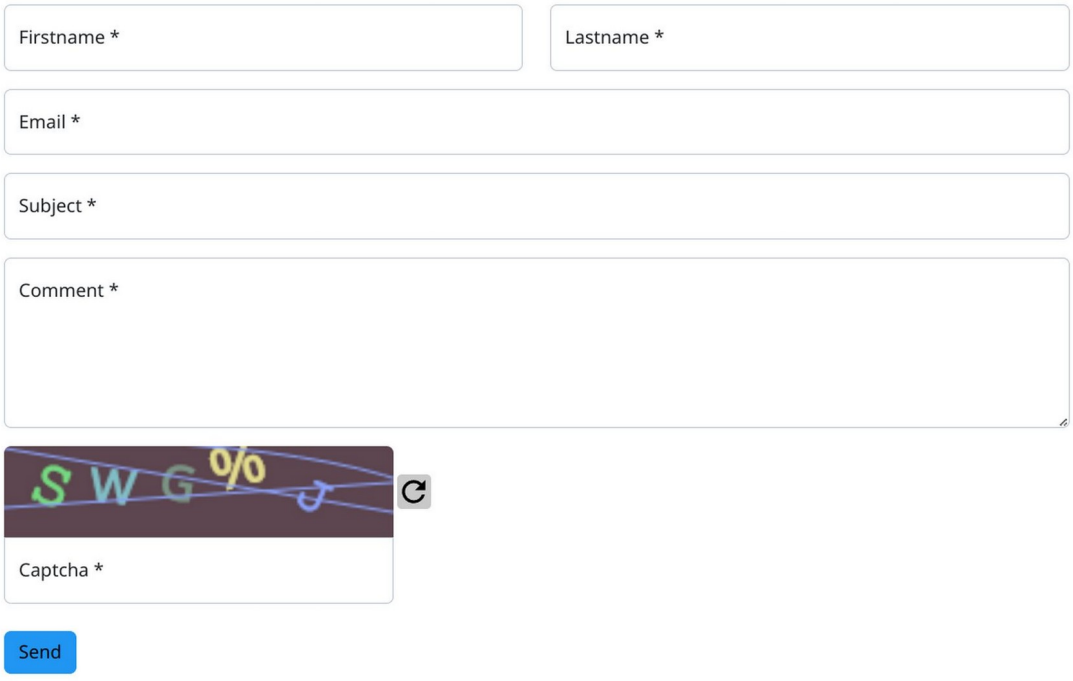
Form Builder

Submit label	Sets the text for the submit button
Alignment	Controls the alignment of the form within its container
Area Size	Determines the overall space allocated for the form
Elements	Define the fields to be used in your form Add new fields by selecting the input type from the drop-down: **Form grid:** Arrange fields in a grid layout **Label:** Displays a label only **Text:** Input for single-line text **Password:** For entering passwords securely **Email:** For entering valid email addresses **Phone number:** For entering phone numbers **URL:** For entering URLs **Number:** For entering numerical values **Date:** For selecting a date **Textarea:** For entering multi-line text **Checkbox:** A simple on/off option **Select:** Creates a dropdown list with multiple options **Captcha:** Displays a CAPTCHA image to verify human interaction **Hidden:** A hidden field that cannot be edited by the user (Often used for tracking form submissions)
Finishers	Define the actions that occur after the user submits the form Add new finishers by selecting one from the drop-down: **Email:** Specify the recipient email address and subject template **Redirect:** Redirect the user to a specified URL **Message:** Display a custom message to the user after submission, with a button to return to the form

Appearance & Access

Read more about the general fields here 7.13.1


Form
Update
Cancel
Form builder
Appearance
Access
Submit label
Send
Alignment
Start
Area Size
10 / 12
Elements
- Select type to add -
FormGrid
Firstname * Lastname *
Email
Email *
Text
Subject *
TextArea
Comment *
Captcha
Captcha *
Finishers
- Select finisher to add -
Email
Message


Firstname *
Lastname *
Email *
Subject *
Comment *
Captcha *
Send

7.13.18 Records

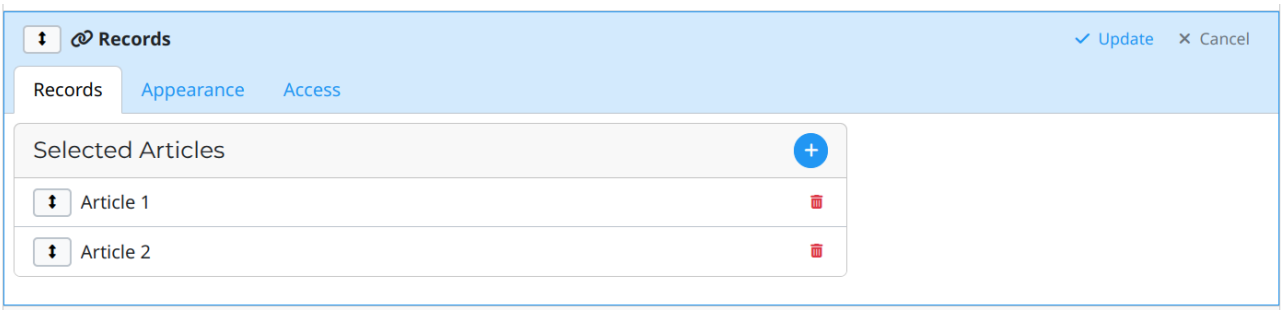
The Records content allows you to display a collection of other articles within a single view. This is particularly useful for creating reusable content blocks that can be easily integrated across multiple articles.

Records

Selected Article	Select the articles to be used in this content

Appearance & Access

Read more about the general fields here 7.13.1



Article 1

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Article 2

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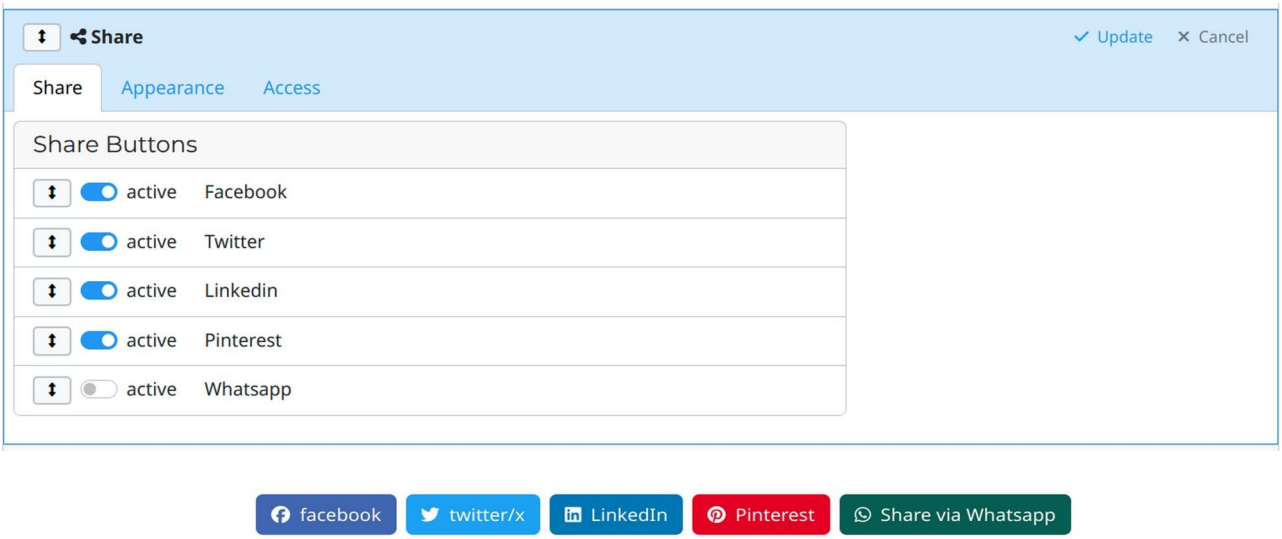
7.13.19 Share

The Share content allows you to easily add social media sharing buttons to your articles. This enables users to quickly and effortlessly share the article's URL across popular platforms.

Share

Share Buttons	Activate and sort the share buttons that will be displayed within this content

Appearance & Access
Read more about the general fields here 7.13.1



7.13.20 Donation

The Donate content element allows you to display donation buttons, enabling users to contribute to your work.

Donations

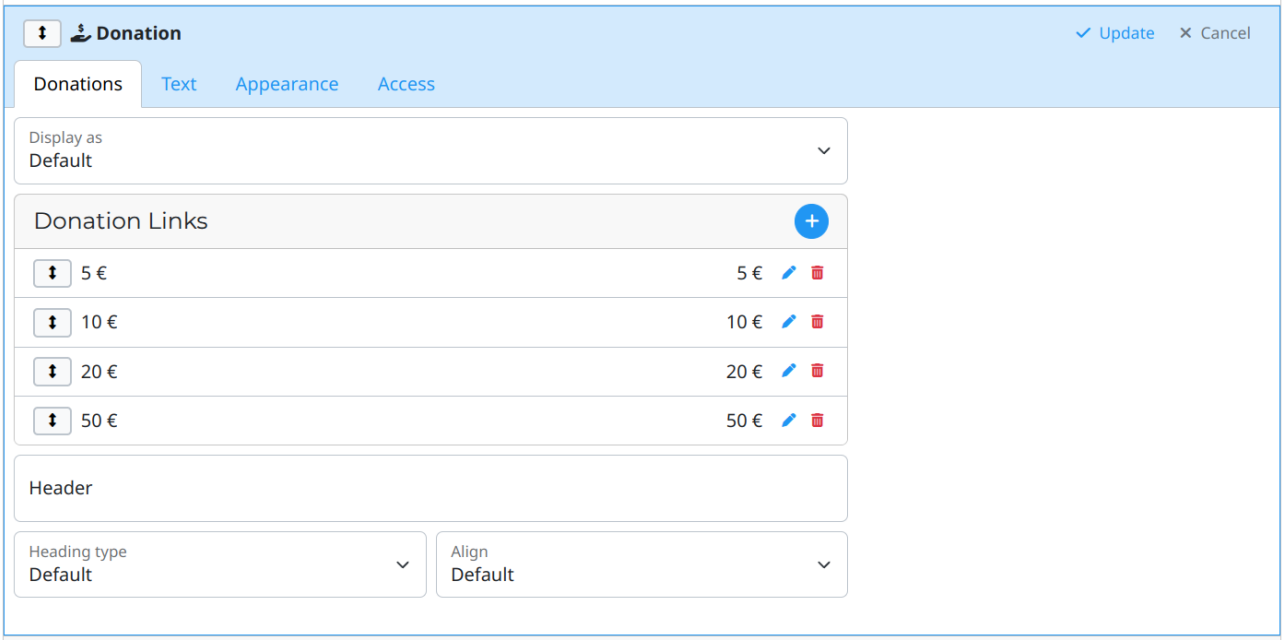
Display as	Sets the display style for the donation buttons
Donation Links	Manage the donation links here Click the **Add** button to add a new donation link. New entries are added to the bottom of the list. Rearrange the order of links using drag-and-drop.
Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)

Text

Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1



7.13.21 Button

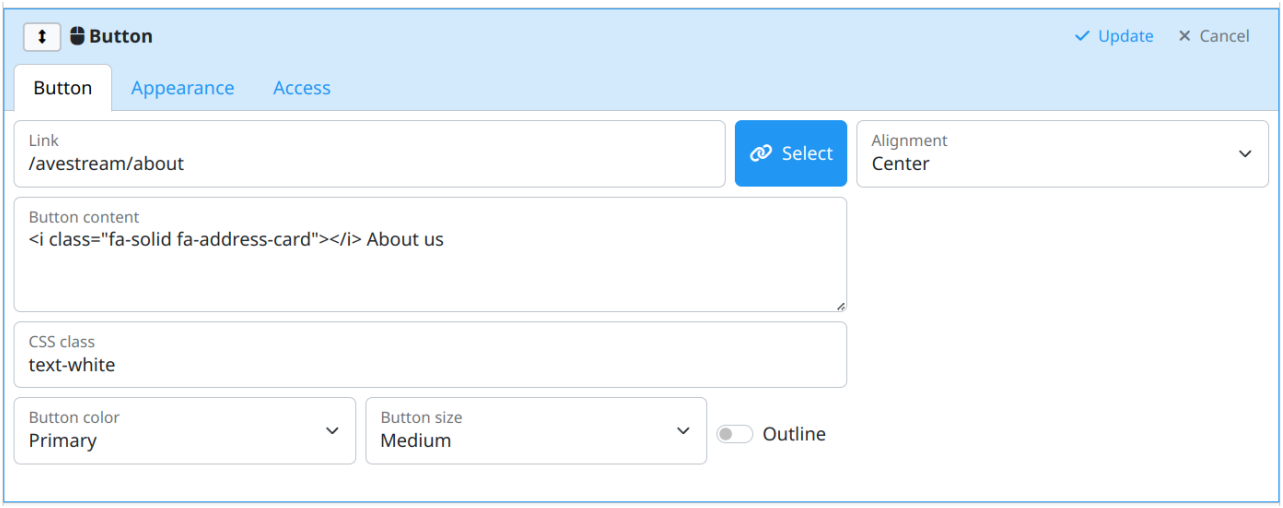
Use the Button content element to create a button with a custom link.

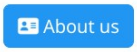
Button

Link	The URL the button links to
Button content	The button's text or HTML content
CSS class	Additional CSS classes for styling (e.g., text-white rounded-pill)
Button color	The button's color theme (e.g., Primary, Secondary)
Button size	The button's size (e.g., ExtraSmall, Small, Medium)
Outline	Displays the button as an outline when enabled
Alignment	Controls the alignment of the button within its container

Appearance & Access

Read more about the general fields here 7.13.1





7.13.22 Map

Use the Map content element to display a map on your page.

Map

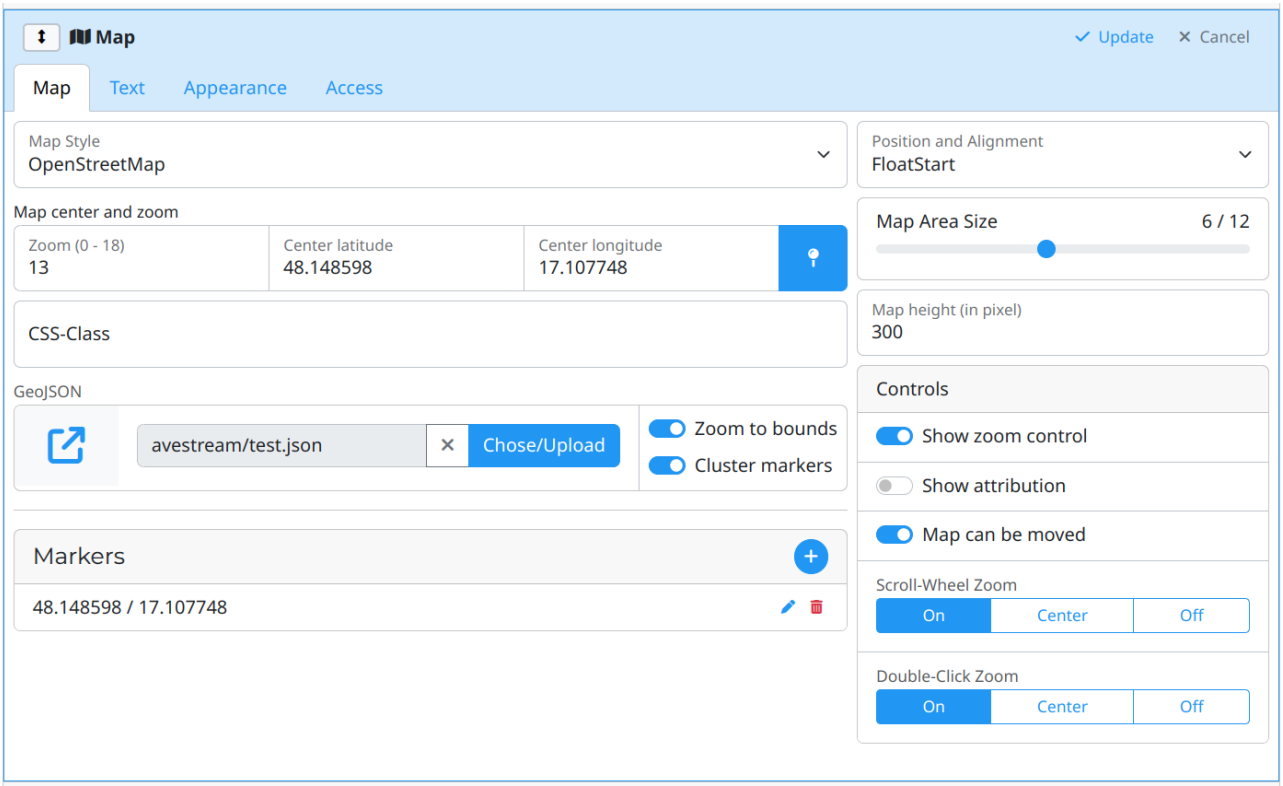
Map Style	Select a map style from the dropdown.
Zoom	Set the starting zoom level
Center latitude	Set the map's initial center latitude
Center longitude	Set the map's initial center longitude
Pin-Button	Selecting the pin button launches a modal window where you can adjust the map's zoom and drag it to pinpoint your desired location.
CSS-Class	Add a CSS class for custom styling (e.g., **rounded**)
GeoJSON	Chose or upload a new GeoJSON to add a map overlay. Use a free online tool like geojson.io (https://geojson.io/) to create overlays.
Zoom to Bounds	Available with GeoJSON overlays: Automatically zoom and pan the map to fit the boundaries of the GeoJSON data after it loads.
Cluster markers	Available with GeoJSON overlays: Group markers within the GeoJSON data into clusters for better visual representation.
Position & Alignment	Defines how the streams will wrap with the text, See 7.13.1
Map Area Size	Defines the area that is taken up by the map
Map height (in pixel)	Adjust the map's vertical size
Zoom control	Toggle the visibility of zoom buttons
Attribution	Toggle the display of map data source information
Draggable Map	Enable or disable map panning by dragging
Scroll-Wheel Zoom and Double-Click Zoom	**On**: Zoom to mouse cursor position **Center**: Zoom in/out from map center **Off**: Disable scroll

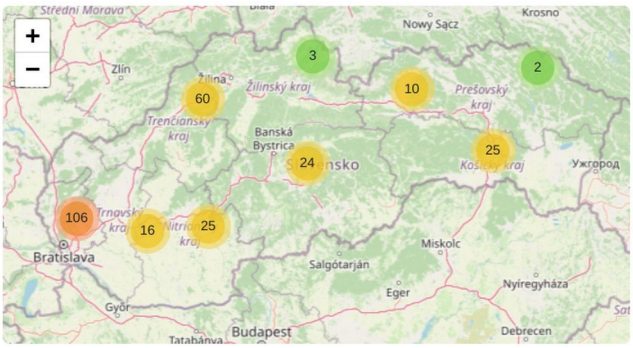
Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Appearance & Access

Read more about the general fields here 7.13.1





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7.13.23 Stream

Use the Stream content element to display a collection of stream entries.

Streams

Filter by tag	Filter the items by keyword or category
Max. Items	Limits the number of streams displayed
Position & Alignment	Defines how the streams will wrap with the text, See 7.13.1
Area Size	Defines the area that is taken up by the streams
Number of Columns	Defines how many columns will be used to display the streams

Text

Header	Enter the title for this Element
Header type	Select the desired headline size (h2 = largest, h6 = smallest, hidden = not visible)
Align	Align the headline (start, centre, end)
Subheader	Enter the subheader text. This header will be one headline size smaller than the main Header.
Body	Enter the Body text for this content using the basic editor, See 9.1

Labels

No-items label	Message to display when no streams are found

Appearance & Access

Read more about the general fields here 7.13.1

Lorem ipsum odor amet, consectetuer adipiscing elit. Malesuada quis platea torquent natoque mus? Vel tempor phasellus aptent sodales litora platea platea. Condimentum sem lobortis per aliquam fames ipsum mollis suspendisse. Congue venenatis aliquam amet etiam tempus! Pharetra per dapibus enim non vivamus porttitor, urna facilisi tempor. Tempor per pellentesque himenaeos auctor lacus malesuada lacinia eu.

7.13.24 Program

The Program content allows you to display a list of program items.

Program

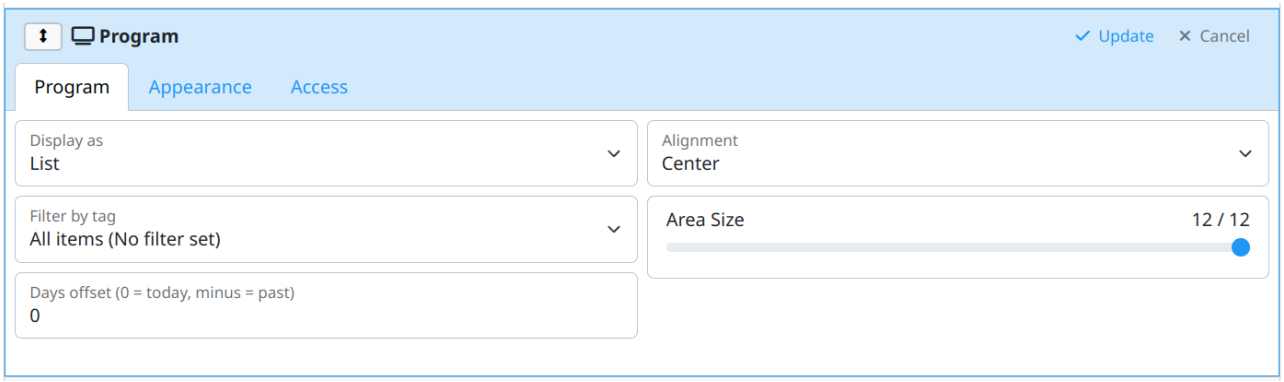
Display as	Defines how the programs will be presented
Program Start	Defines how the programs will be listed: **Coming Program Items:** Lists all programs based on their Start Date. Note: Programs running for multiple days will only appear on their start date. **Not-Ended Program Items:** Lists programs that have not yet finished. Note: A Category selection is required for this filter to work.
Filter by tag	Filter the items by keyword or category
Item count	Sets the number of items displayed (Ticker only)
Days offset	Specify the number of days from today to begin displaying the program. Use 0 for today, negative numbers for past days.
Alignment	Controls the alignment of the programs within its container
Area Size	Defines the area that is taken up by the programs

Labels

No-items label	Message to display when no streams are found
Load-more label	Sets the text for the Load-more button

Appearance & Access

Read more about the general fields here 7.13.1



7.13.25 Media archive

The Media archive content allows you to display a list of Media archive items.

Media archive

Display as	Defines how the media archives will be presented **List:** Displays archives in a simple, sequential list **Card:** Presents archives as individual, visually appealing cards **Accordion:** Organizes archives by category within expandable sections. **Note:** Only archives with a category will be displayed **Carousel:** Shows the videos in a carousel **Anniversary:** Shows the videos having the keyword for today **Extended Player:** Special element that shows a list of related videos on the side of the video-player
Aspect ratio (Carousel only)	Sets the aspect ratio of the Carousel
Animation (Carousel only)	Select the animation for carousel transitions. **Slide:** New items slide in from the side **Fade:** New items cross-fade
Interval seconds (Carousel only)	Sets the duration (in seconds) each carousel item is displayed before transitioning to the next. The interval starts only after the user's first interaction with the carousel, unless Autoplay is enabled.
Autoplay (Carousel only)	Enables automatic carousel playback upon loading
Filter by tag	Filter the items by keyword or category
Page size	Sets the number of items displayed per page for pagination
Max. items	Limits the number of items displayed in the list
Alignment	Controls the alignment of the media archives within its container
Area Size	Defines the area that is taken up by the media archives
Number of Columns	Defines how many columns will be used to display the media archives (Card, Accordion and Anniversary only)
Toolbar	Choose which controls appear on the toolbar: **Show list/grid switch:** Enable users to toggle between list and grid layouts **Show Search Field:** Display a search bar for quick content searches (Accordion only)
Display options	Select which elements to show (title, content, date, button)

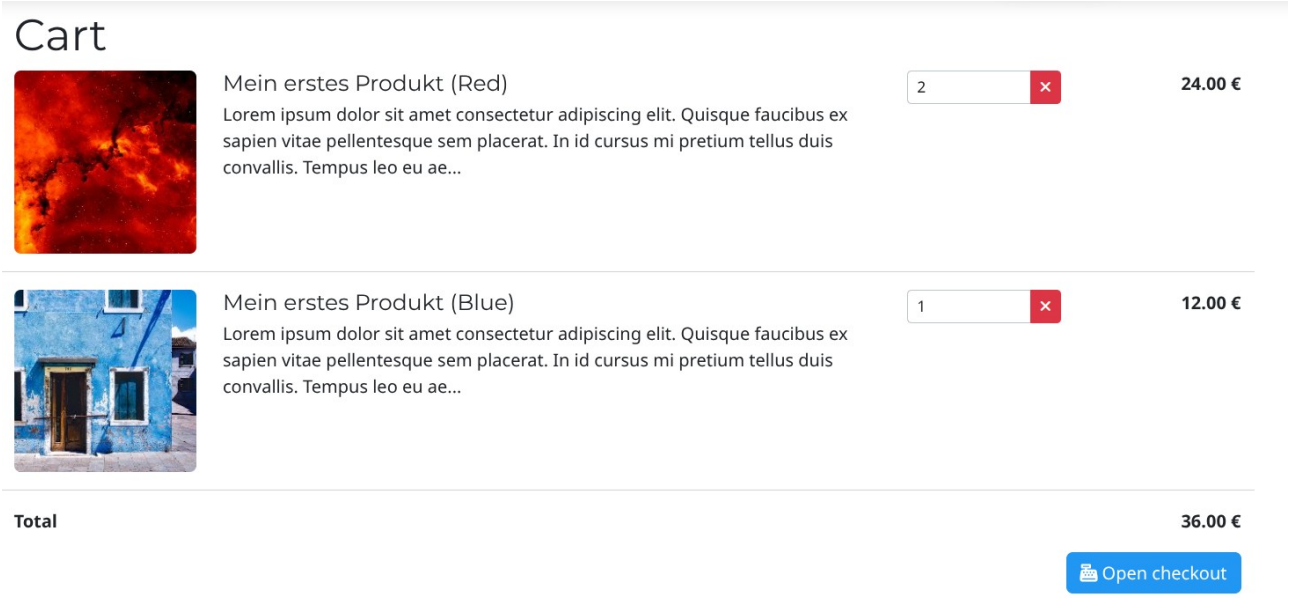
Appearance & Access

Read more about the general fields here 7.13.1

7.13.26 Shopping Cart

The Shopping Cart content provides a clear overview of the user's selected products.

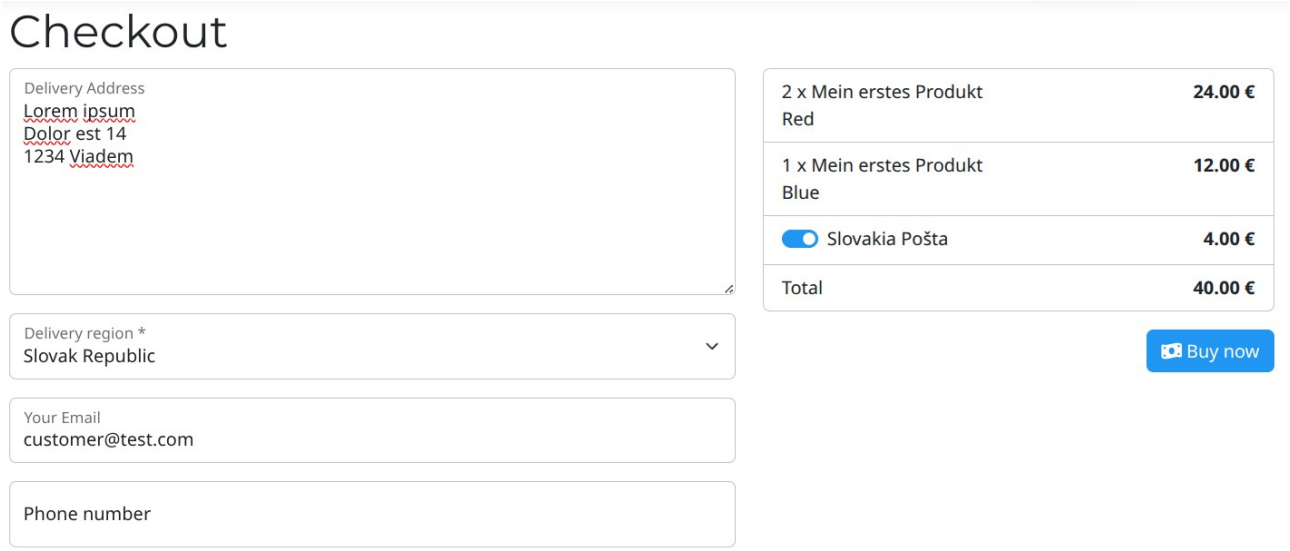
Here, users can manage their order by adjusting quantities, removing items, and confirming their choices before moving to the checkout process.



7.13.27 Shop Checkout

The Shop Checkout displays the required delivery address fields and provides the user with shipping cost options.

From here, users can finalize their order and initiate the payment process.



7.13.28 Full Editor (Deprecated)

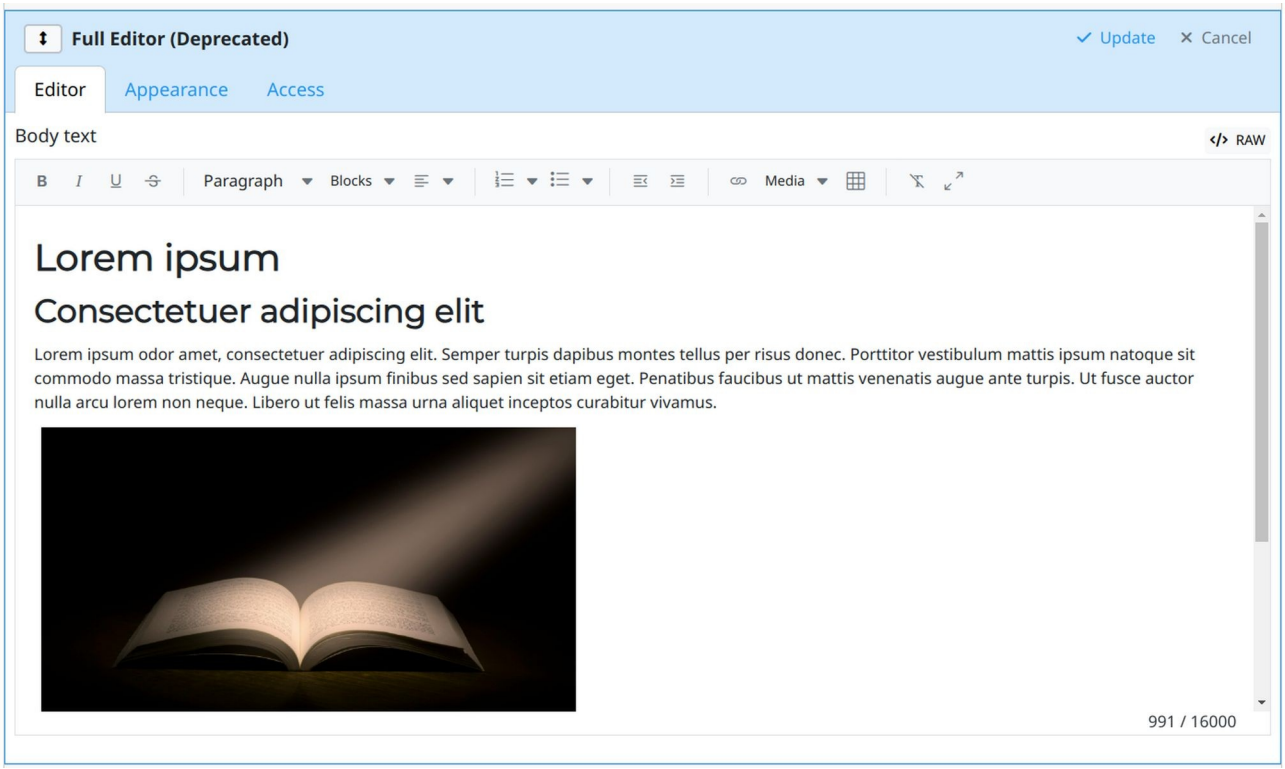
The Full Editor content element is a versatile tool that allows you to insert a wide range of elements within a single editor.

Important Note:
This editor is deprecated and is only available for previously imported pages.

Editor

Body text	Enter the Body text for this content using the full editor, See 9.2

Appearance & Access
Read more about the general fields here 7.13.1

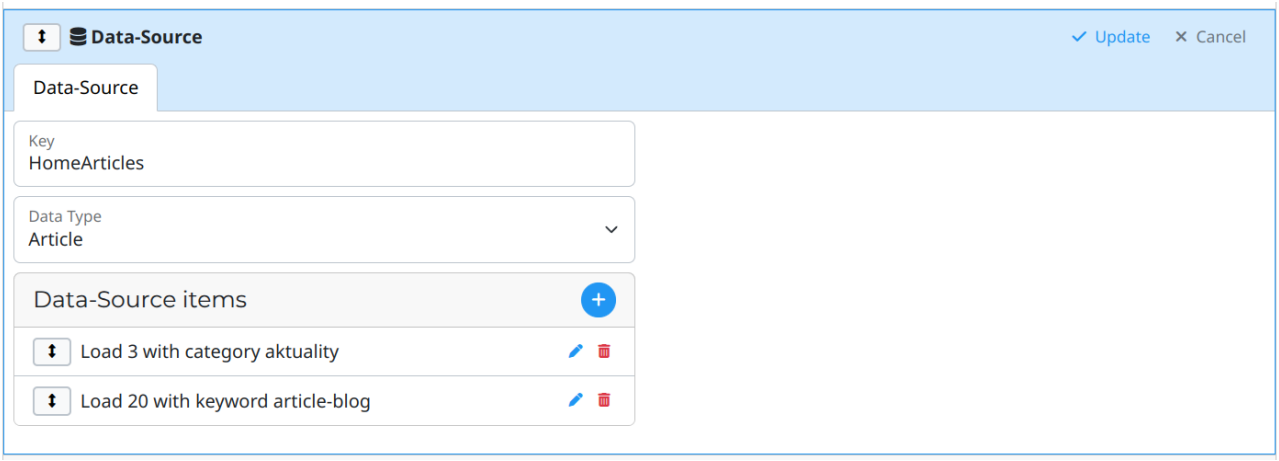


7.13.29 Data-Source

Using a page-wide data source lets you centralize your data and reuse it across multiple content elements. For example, you can use the same data source for a list of items and other related content.

Data-Source

Key	Enter a unique key to identify this data source
Data Type	Select the data type for this source
Data-Source items	Use this section to combine multiple keyword filters into a single, unified data source



Here is a list of content elements that supports the consumption of this data-sources:

Article list 7.13.10

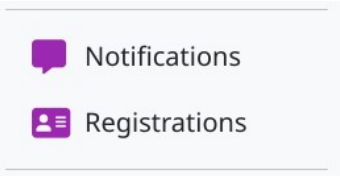
7.13.30 Search Sitemap

This content type adds a **hidden sitemap** on this article. This sitemap is exclusively for search engines like Google and Bing, helping them to effectively index all your blog posts and shop products.

For more informations about the search sitemap read section 10.3

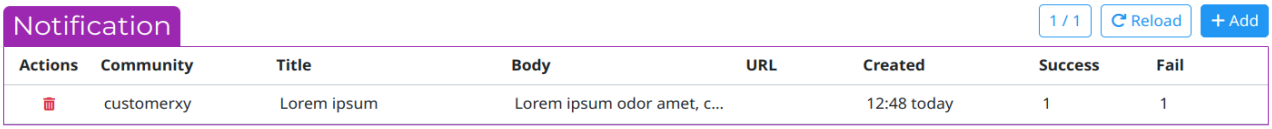
8 Push-Notifications

This section allows you to manage all the entities used for sending push notifications.



8.1 Notifications

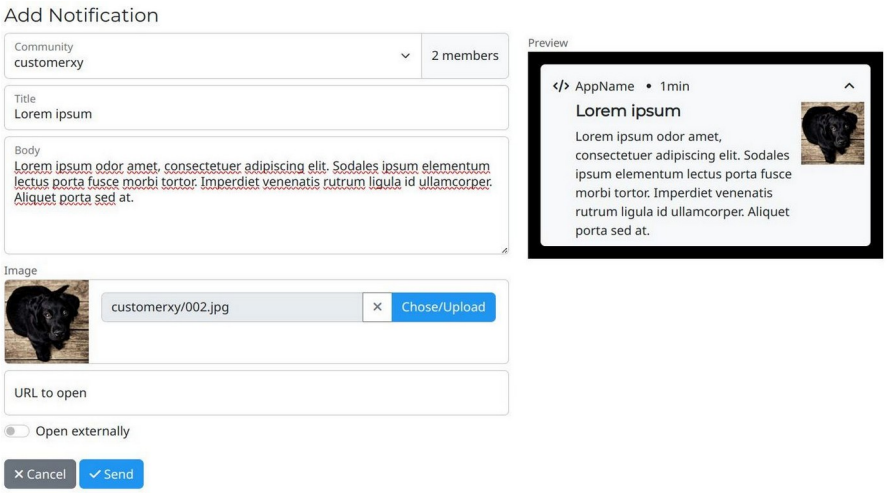
The Notifications section allows you to view past notifications and create new ones.



The list displays key information such as title, body, creation date, and send status.

8.1.1 Add notification

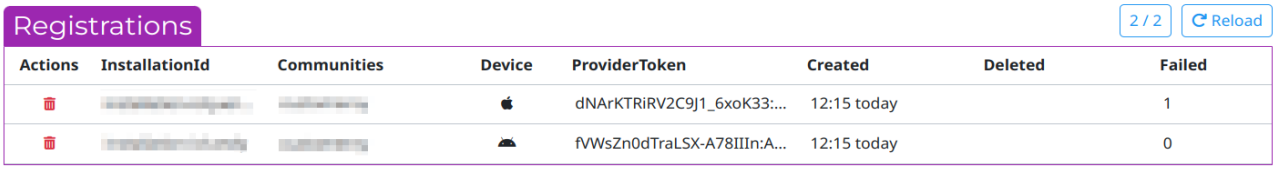
Create a new notification by clicking "Add".



Community	Select the specific community or group of users to receive this notification
Title	The subject of the notification that will be displayed to users
Body	The main message content of the notification
Image	An optional image to be included with the notification
URL to open	The web address that will be opened when a user taps the notification
Open externally	If checked, the specified URL will be opened in the user's default web browser outside of the mobile app
Preview	This section provides a visual preview of how the notification will look **Note:** This preview may not perfectly reflect the actual appearance of the notification on a user's device.

8.2 Registrations

The Registration section allows you to manage push notification registrations.



The list displays key information such as installation, token, creation date and status.

8.2.1 Delete Registrations

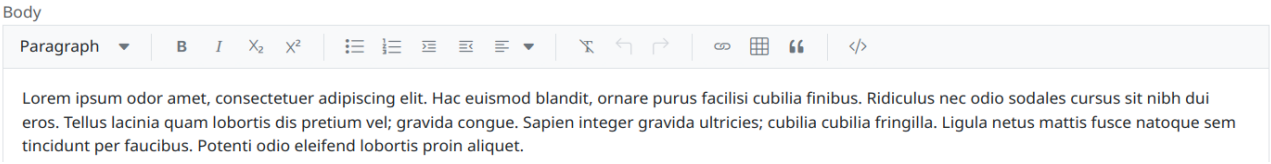
To delete a registration, click the **Delete** button.
After confirming in the dialogue box, the registration will be permanently deleted.

9 UI-Elements

This section provides help for reusable elements, which are designed for use in multiple locations within AveStream.

9.1 Basic Editor

The Basic editor is suitable for a wide range of applications, allowing you to easily apply fundamental text formatting.

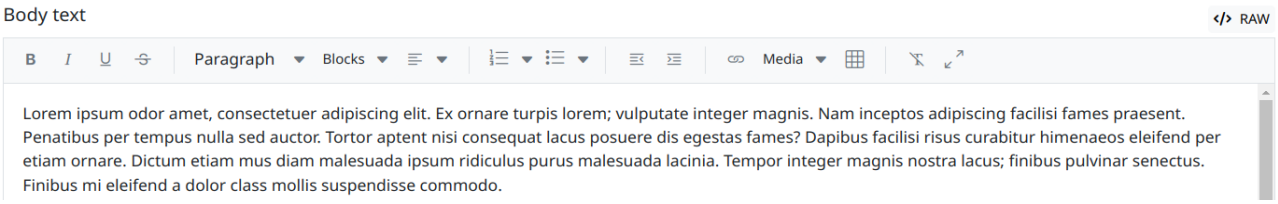


Paragraph	Modify text formatting (e.g., to paragraph, heading)
B I X_2 X^2	Modify text emphasis (e.g., bold, italics)
	Manage lists (bulleted, numbered) and adjust indentation
	Modify paragraph alignment
	Clear text formatting
	Undo and Redo previous actions
	Insert links. A modal window will open, allowing you to specify the link type. If the selected text is an email address, the Email tab will be pre-selected.
	Add a simple table to your document. Specify the desired number of columns and rows. A toolbar will appear within existing tables, allowing you to customize table settings
	Format the current paragraph as a block quote
	Display the editor content as HTML code

9.2 Full Editor (Deprecated)

The Full Editor content element is a versatile tool that allows you to insert a wide range of elements within a single editor.

Important Note:
This editor is deprecated and is only available for previously imported pages.



B I X_2 X^2	Modify text emphasis (e.g., bold, italics)
Paragraph	Modify text formatting (e.g., to paragraph, heading)
Blocks	Select a block to insert. Manage the list of available blocks in customer settings here 4.2.10
	Modify paragraph alignment
	Manage lists (bulleted, numbered) and adjust indentation
	Insert links. A modal window will open, allowing you to specify the link type. If the selected text is an email address, the Email tab will be pre-selected.
Media	Insert Media: Select Image, Video or Audio. This will open the File Manager 9.4, where you can upload or select an existing file to insert into your content.
	Add a simple table to your document. Specify the desired number of columns and rows. A toolbar will appear within existing tables, allowing you to customize table settings
	Clear text formatting
	Toggle full-screen mode to maximize the editing area

9.3 Filter dialogue

The Filter dialogue allows you to refine your search results by filtering by title or tag. The Filter dialogue is available for Articles and Media Archives.

After applying the filter, the list will be refreshed to display only the items that match your criteria. Depending on the application, you may see various action buttons.

9.3.1 Search items

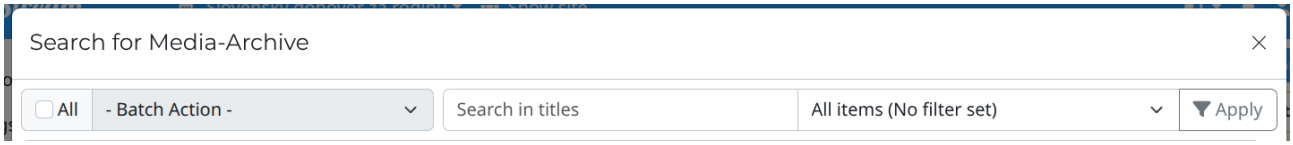
Edit	Allows you to modify the item
Preview	Opens the selected item for viewing

9.3.2 Select item

State	If an item is selected, the item will have a background color
Preview	Opens the selected item for viewing

9.3.3 Batch actions

When you open the Filter dialogue in **Media-Archive**, you can manage multiple items simultaneously using batch actions.



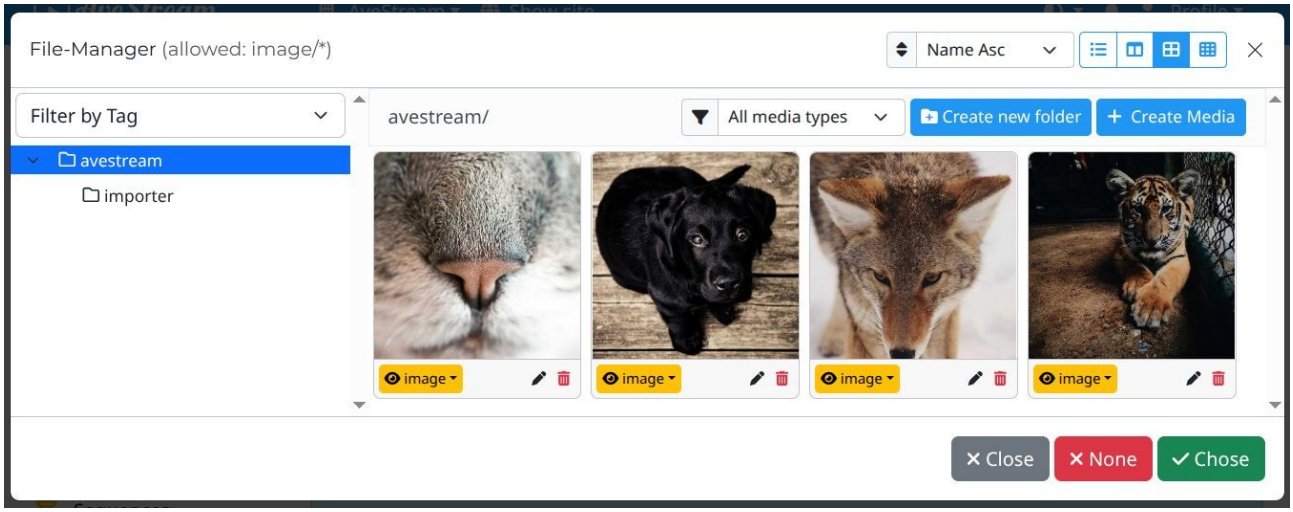
Choose the items you wish to update from the list. You can quickly select or deselect all items by checking or unchecking the **All** checkbox.

Once at least one item is selected, the **Batch Actions** dropdown menu will become active. From this menu, select the desired action:

Activate	Make the selected items active
Deactivate	Make the selected items inactive
Add Tag	Apply a new tag to the selected items
Remove Tag	Remove an existing tag from the selected items
Delete	Permanently remove the selected items

9.4 File-Manager

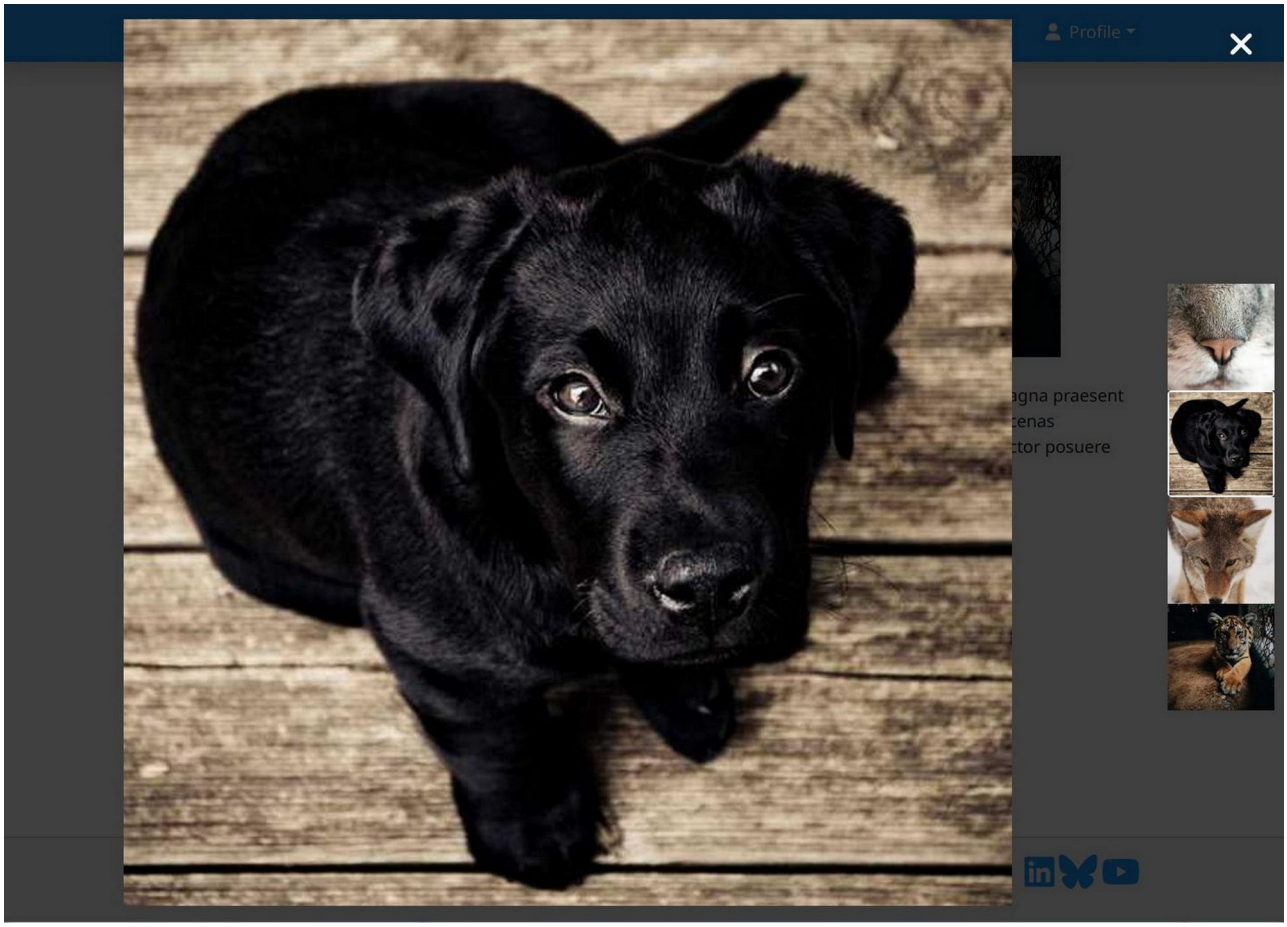
The File Manager mirrors the functionality of the Media Section, but operates within a dialog and restricts file selection to specific types based on the current context. Refer to the Media Section for a comprehensive list of features 5



9.5 Lightbox

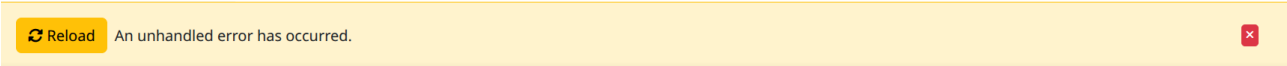
When "Enlarge on click" is activated for images, a lightbox will be displayed in the frontend. Users can click on an image, and the lightbox will appear, showcasing the enlarged image.

If the image content contains multiple images, the lightbox will also display thumbnails of all available images, allowing users to easily switch between them.



10 Troubleshooting

10.1 Unhandled error occurred



Here's what you can do:

10.1.1 Reload Page

Often, a simple page reload is all it takes to resolve minor errors. It's the most straightforward first step.

10.1.2 Hard Reload (Clear Cache & Reload)

If the error continues, the problem could be related to your browser's cached data. A **hard reload** forces the browser to re-download all page elements, bypassing the cache. Use these shortcuts:

Windows/Linux: CTRL + Shift + R

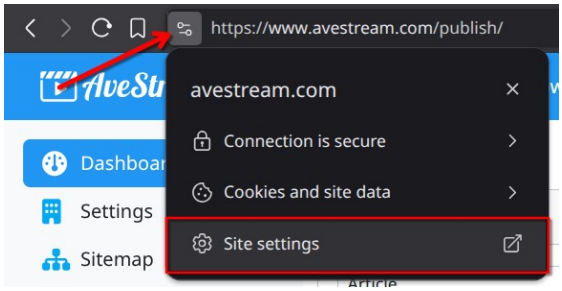
Mac Cmd + Option + I

10.1.3 Clear Site-Cache

If the error keep getting back even after you dismissed the cache, then please clear the browser cache for this site.

Chrome/Brave:

Click the **Site information** button in your address bar and select **Site settings**.

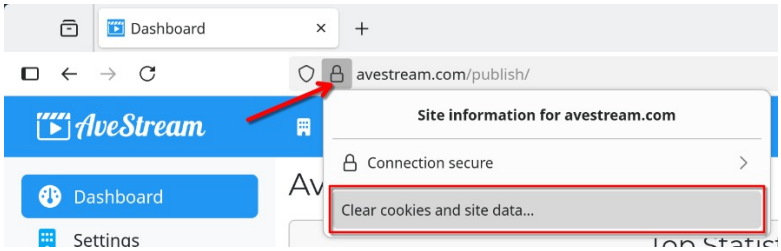


Click the **Delete data** button, then confirm by clicking **Delete** in the dialog.

Reload the page. **You'll need to log in again** as this process removes all cookies.

Firefox:

Click the **Verified** button in your address bar and select **Clear cookies and site data**.



Confirm by clicking **Remove** in the dialog.

Reload the page. **You'll need to log in again** as this process removes all cookies.

10.2 Debug back end response

To debug the responses from the PWA, add **?debug=true** to the URL and press Enter.

This will display all responses made by the PWA in your browser's console.

10.3 Search-bot sitemap

To simulate the export of the search-sitemap, append **?searchenforced=true** to the Home-URL in the frontend.

Note: This simulation only affects the pre-rendered output. When inspecting the HTML, the links will not be visible as the circuit has already updated the DOM.

To view the pre-rendered output with the simulated search-sitemap, append the **?searchenforced=true** parameter to the URL and then right-click and select **View Page Source**.

10.4 Open page for in-app-browser

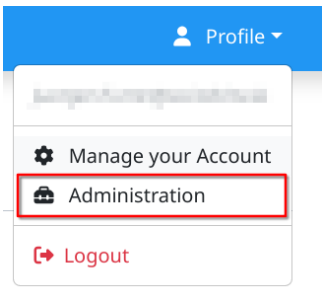
To open a webpage inside a mobile app without header and footer, you have to place **mobile-app** after the customer segment.

For example: **/avestream/blogs** will become **/avestream/mobile-app/blogs**

11 Administration

The Admin console provides administrative functions, including backups and user account management.

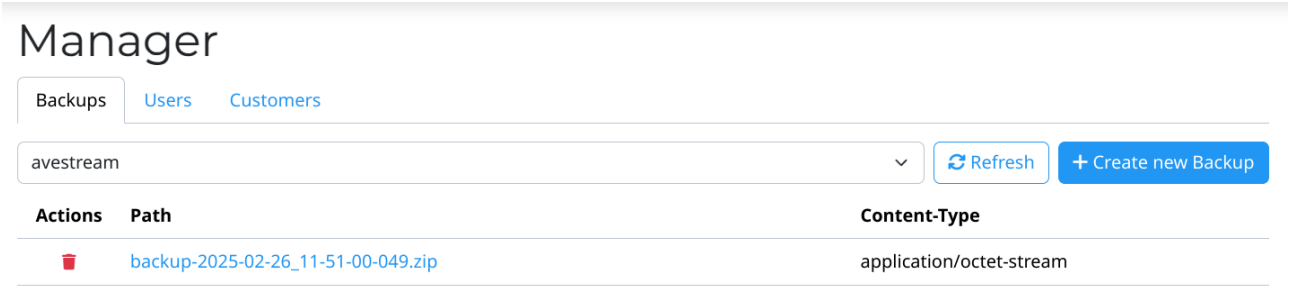
Access the Admin console through the profile dropdown menu after successful login.



11.1 Backup

Under the Backup tab you will find a dropdown with all assosiated customers to your login.

After you select a customer from the dropdown a list with stored backups will be visible in a list

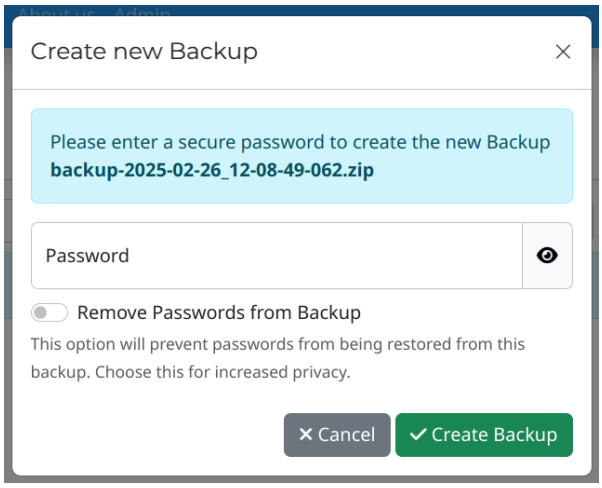


11.1.1 Create new Backup

To create a new backup, click **Create new Backup**. A modal window will appear.

Enter a password to secure the backup. **Important:** If you forget this password, the backup will be permanently inaccessible.

If you choose **Remove Passwords from Backup**, all configuration passwords will be excluded and cannot be restored.



11.1.2 Download Backup

Clicking on the backup's name initiates the download of the backup file to your computer.

11.1.3 Delete Backup

To delete a backup, click the trash icon next to it. After confirmation, the backup will be permanently deleted.

11.1.4 Backup Automation

The backup creation process can be automated for regular backup creation purposes, e.g. from some server scripts, cron jobs etc.

11.1.4.1 URL endpoints

- *StartBackupJob*
  https://www.avestream.com/api/Automation/StartBackupJob?apiKey=YOUR-KEY&customerId=YOUR-CUSTOMER-ID&backupId=YOUR-BACKUP-ID&backupPwd=YOUR-PASSWORD
- *IsBackupJobFinished*
  https://www.avestream.com/api/Automation/IsBackupJobFinished?customerId=YOUR-CUSTOMER-ID&apiKey=YOUR-KEY&backupId=YOUR-BACKUP-ID
- *Finished backup file for downloading*
  https://avestreamlive.blob.core.windows.net/customers-backups/YOUR-CUSTOMER-ID/backup/YOUR-BACKUP-ID.zip

The backup-process is initiated by *StartBackupJob*, which returns (when succeeded) with 202, returning the *IsBackupJobFinished* URL, so you can check the backup-job progress in your script.

The automated backup process looks like this:

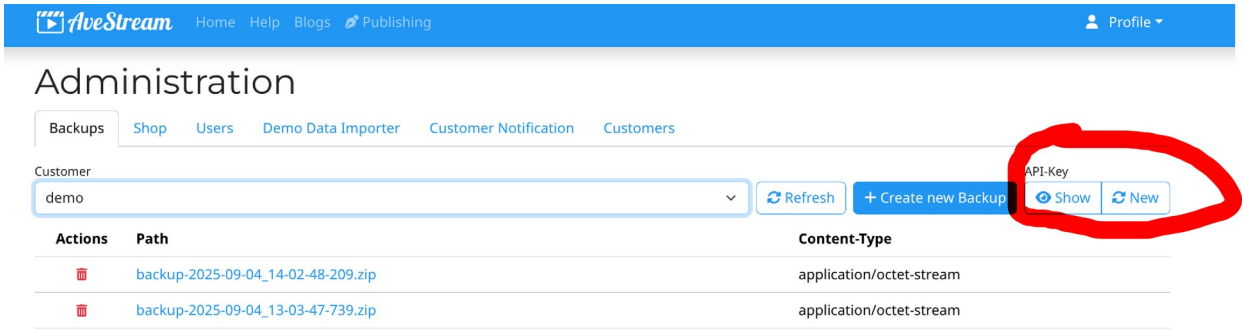
1. Call *StartBackupJob* to initiate the backup process on the server; when 202 is received, it's successfully running on the server, which can take a few minutes (hours?) to complete, based on the data you have stored in your account
2. While the process is running, you can regularly check for the progress with *IsBackupJobFinished* until you get a 200 "true" back from the server; as it still runs, you'll receive a 202 "false". Please let some time between the checks, like 1 minute, to avoid unnecessary server load
3. When 200 "true" is received, you can download the .zip file and use it locally on your system

11.1.4.2 URL parameters

- YOUR-KEY is you API-key (see below)
- YOUR-CUSTOMER-ID is the ID of your customer-account in AveStream
- YOUR-BACKUP-ID is the name of the backup-file, which will be created; e.g. when you put "abc-2025-09-05" here, you'll later be able to download it as file "abc-2025-09-05.zip"
- YOUR-PASSWORD is your zip password to protect the created zip-backup file with it – what you set here, must be used later to decompress the .zip file

11.1.4.3 API-Key

- Is used to protect your customer API automation access
- Can be shown and reset in the Administration web page here:



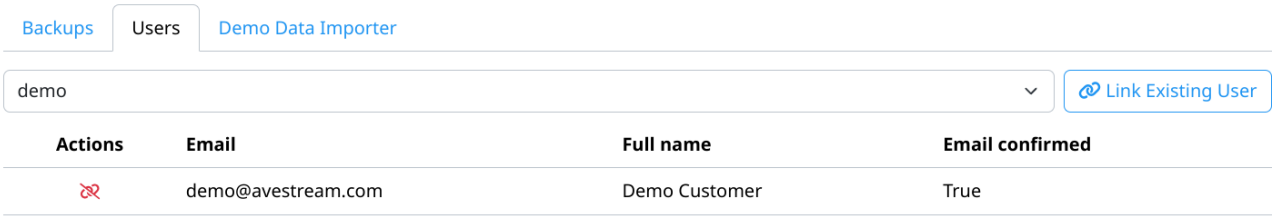
- When compromised, you can safely reset the key with the “New” button (don’t forget to put the new API-key into your scripts!)

11.1.4.4 Security notes

- The API-key is your own key; don’t give it to anybody and regenerate it regularly or when the exposure is suspected
- Always use a random backup-id, like new GUID or at least timestamp containing seconds/milliseconds, as the zip-downloading URL is fixed and can’t be protected with the API-key
- Potential attacker has to know your backup-id to be able to download your zip-file and also a the zip-password for decompressing it
- Delete your backup files regularly in the Administration page
- Rotate your zip-password regularly or when the exposure is suspected + use a safe password (e.g. 10+ strong-password characters): when the attacker gets your zip-file, he can’t use it anyway

11.2 Users

Under the **Users** section, you can control which users have access to your customers.



11.2.1 Link existing User

To manage access for a specific customer:

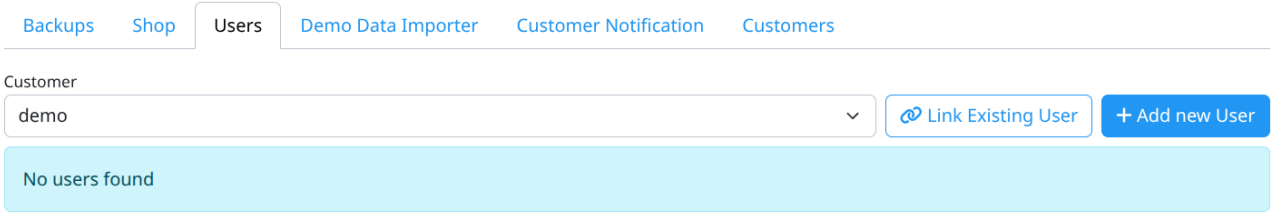
- Select the desired customer from the dropdown menu
- You will then see a list of users who currently have access to that customer
- To remove a user's access, click the **Unlink** button next to their name and confirm the removal

To grant access to an existing AveStream user:

- Click the **Link Existing User** button
- Enter the user's email address
- Click **Add user**

11.2.2 Add user (Global Admin only)

If you have **Global Admin** privileges, you'll see an additional button to A**dd new user**.



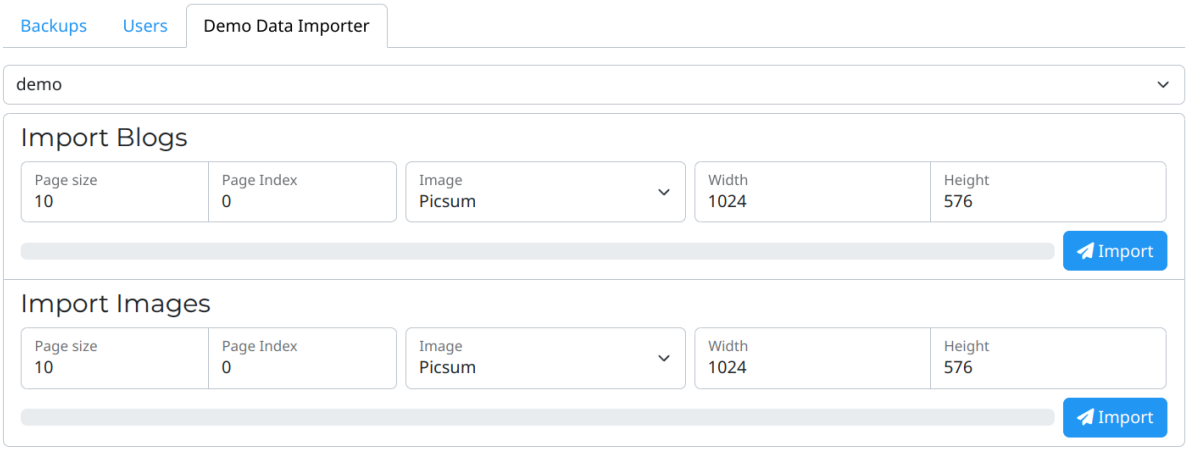
Clicking this button will bring up a form where you can enter the new user's details:

Username / Email	Must be a valid email address
Password	Enter the new user's password
First name	Enter the new user's first name
Last name	Enter the new user's last name

The newly created user will be automatically linked to the currently selected customer.

11.3 Demo Data Importer

In the Demo Data Import section, you can import demo data to a selected customer.



11.3.1 Import Blogs

This feature allows you to import sample blog posts from **dummyjson.com**

Page size	Specify the number of blogs to import per page
Page index	Enter the page number to import (starting with 0 for the first page)
Image	Choose the source for blog images: **None:** No images will be imported **Picsum:** Downloads images from picsum.photos (https://picsum.photos/images) using the blog ID **Text:** Generates an image with the blog title as text on a random background color (https://dummyjson.com/docs/image)
Width	Set the desired width of the imported images
Height	Set the desired height of the imported images

11.3.2 Import Shop Products

This feature allows you to import sample shop products from **dummyjson.com**

Page size	Specify the number of blogs to import per page
Page index	Enter the page number to import (starting with 0 for the first page)
Image	Choose the source for blog images: **None:** No images will be imported **Picsum:** Downloads images from picsum.photos (https://picsum.photos/images) using the blog ID **Text:** Generates an image with the blog title as text on a random background color (https://dummyjson.com/docs/image)
Width	Set the desired width of the imported images
Height	Set the desired height of the imported images

11.3.3 Import Images

This feature lets you import sample images from **picsum.photos** o **dummyjson.com**

Page size	Specify the number of images to import per page
Page index	Enter the page number to import (starting with 0 for the first page)
Image	Choose the source for blog images: **Picsum:** Downloads images from picsum.photos (https://picsum.photos/images) using the blog ID **Text:** Generates an image with the blog title as text on a random background color (https://dummyjson.com/docs/image)
Width	Set the desired width of the imported images
Height	Set the desired height of the imported images

12 Glossary

Term	Definition
Frontend	Encompasses all client-facing projects, including the Admin Console, Manager Console, and web page presentation.
Backend	Represents the core server infrastructure, handling all server-side logic and data processing.
Publisher-Console	Empowers authorized customers to manage website content and configuration, including articles, settings, and styles, to control the visitor experience.
Admin-Console	Provides additional administrative functions for authorized customers, such as managing backups and user accounts.
Webpage	Displays content to both authorized and unauthorized visitors.
Customer	AveStream clients with varying roles (e.g., administrators, users), each granted specific access and functionality.
Visitor	Individuals who access and view web page content, regardless of authentication status.
Content Management System (CMS)	Serves as an intermediary between customers and visitors, streamlining content creation and delivery for optimal presentation.
Web API	Enables communication between applications over the internet. It allows software to access and exchange data or functionality from web servers and web browsers.
Web scraping	The automated process of extracting data from websites. This involves retrieving the underlying HTML code of a webpage, parsing it, and then extracting specific information.
Article	A distinct unit of content within a web publication, such as a blog post or page. It is structured as a sequence of content elements.
Content Element	A modular component within an article, designed to display a specific type of data or content.