

## Feeds for SEBLOD

The Feeds field allows you to generate news feeds for different sections of your website. Newsfeeds can be subscribed to by website visitors and received and read with a feed reader such as Liferea or even mail programs such as Thunderbird.

*The Feeds field works correctly only if you use search engine friendly (SEF) URLs on your Joomla website!*

Title *	<input type="text" value="Article Feed"/>	App Folder	<input type="text" value="- Article"/>	<input checked="" type="checkbox" value="On"/> <input type="checkbox" value="Off"/>
Name *	<input type="text" value="article_feed"/>	Type	<input type="text" value="Feeds"/>	<input type="button" value="Description"/>

**Construction <sup>1</sup>**

Feed:	<input type="text" value="1 Link to this feed"/>	Select feed(s)	<input type="text" value="2 RSS + Atom"/>
SEF URLs	<input type="text" value="3 - Inherited -"/>	Menu Item	<input type="text" value="4 - Inherited -"/>

**General feed settings**

Sort by	<input type="text" value="5 art_publish_up"/>	Direction	<input type="text" value="6 Descending"/>
Number of entries	<input type="text" value="7 10"/>		

**Channel settings <sup>2</sup>**

Feed title	<input type="text" value="8 Custom title"/>	Description of the website / section	<input type="text" value="9"/>
Content language	<input type="text" value="10 Language-tag e. g. »en-GB«"/>	Feed id	<input type="text" value="11 Custom, alphanumeric id"/>
Show generator tag	<input type="text" value="12 Yes"/>	Generator	<input type="text" value="13 Feeds for SEBLOD - www.seblod.com"/>

**Image or logo of the website/section**

Image or logo (path)	<input type="text" value="14 /images/picture.jpeg or URL"/>	Image height (px)	<input type="text" value="16 Default = 31, max = 400"/>
Image width (px)	<input type="text" value="15 Default = 88, max = 144"/>		

**Information about the author/publisher**

Name from publisher	<input type="text" value="17 Your name / publisher name"/>	Website from publisher	<input type="text" value="19 Link to website"/>
Mail from publisher	<input type="text" value="18 Mail address"/>		

**Copyright information**

Copyright Text 1	<input type="text" value="20 e. g. Copyright ©"/>	Copyright Text 2	<input type="text" value="21 e. g. All rights reserved ®"/>
Copyright start year	<input type="text" value="22 e. g. 2014"/>	Copyright end year	<input type="text" value="23 Default = this year"/>

**Settings for the entries of the feed <sup>3</sup>**

Entry title	<input type="text" value="24 art_title"/>	Entry introduction	<input type="text" value="26 art_introtxt"/>
Show introduction?	<input type="text" value="25 Yes"/>	Main text of the entry	<input type="text" value="28 art_fulltext"/>
Show main text?	<input type="text" value="27 No"/>		

**Information about entry author(s)**

Main author	<input type="text" value="29 e. g. art_created_by[name]"/>	Main author website	<input type="text" value="31 e. g. art_created_by[website]"/>
Main author mail	<input type="text" value="30 e. g. art_created_by[email]"/>	Separator	<input type="text" value="33 Default = ,"/>
List of coauthors	<input type="text" value="32 Fieldname (List or Field X)"/>		

**Entry category(s)**

Main category	<input type="text" value="34 Fieldname e. g. art_catid"/>	Main category link	<input type="text" value="35 Fieldname"/>
List with categories	<input type="text" value="36 Fieldname (List or Field X)"/>	Separator	<input type="text" value="37 Default = ,"/>

**Other settings**

File attachment	<input type="text" value="38 Fieldname (List or Field X)"/>	Separator	<input type="text" value="39 Default = ,"/>
Publication date	<input type="text" value="40 Fieldname e. g. art_publish_up"/>	Comments	<input type="text" value="41 e. g. #comments or field with URL"/>
Entry id	<input type="text" value="42 Fieldname"/>		

## Where do I use the Feeds field?

First create a Feeds field. Then add the field to any position in the "Search Form" tab of your desired List & Search Type and configure it as described below. Then save both the field and the List & Search Type.

The screenshot shows the 'List & Search Type' configuration page. At the top, there are buttons for 'Save', 'Save & Close', 'Save & New', and 'Close'. Below that, there are input fields for 'Title \*' (containing 'Blog') and 'App Folder' (set to '- Article'). A 'Search Form' tab is highlighted with a red box. Below the tabs, there is a table with columns for 'Label' and 'Variation'. The 'Blog Feed (Feeds)' field is highlighted with a red box.

	Label	Variation
MAINBODY		- Inherited -
CCK (Select - Dynamic)	Type	Hidden
Article Title (Text)	Title	Hidden
Div Start (Div)		
Button Search (Button - Submit)	Search	Hidden
Div End (Div)		
Article Category Id (JForm - Category)	Category	Hidden
CLEAR		- Inherited -
Blog Feed (Feeds)		Default
TOPBODY		- Inherited -

For the feed to work as expected, there must be a menu item that loads the affected List & Search Type.

The screenshot shows the 'Menus: Edit Item' configuration page. The 'Menu Title' is 'Blog'. Below that, there are tabs for 'Details', 'Options', 'Overrides (Live / Variation)', 'Advanced', and 'Link Type'. The 'Menu Item Type' is 'List & Search' and the 'Search Type (List)' is 'Blog', both highlighted with a red box. There are also radio buttons for 'Search? (on 1st load)' with 'No' and 'Yes' options.

**Tip:** Check during the configuration of the feed, steadily whether everything runs according to your ideas. In the meantime, always reload the feed source code in the browser window (F5) so that you always see the current content.

## Configure the feed (pencil icon)

The following numbering corresponds to the numbers on the large image showing the options of the Feeds field.

(1) Here you can specify which feed link is embedded in the HTML document. The link will be embedded into the HTML document, where also the List & Search Type is loaded, where you have inserted this Feeds field. If you load this List & Search Type multiple times on your website, be careful, check that there are no unwanted results. Keep in mind that a List & Search Type can also be loaded by module.

By default, the link to the feed configured here will be inserted into the document. This is the right way if you load this List & Search Type via a menu item. For example, this can be your blog that you have created with SEBLOD.

```
<link href="/blog.html?format=xml&type=rss" rel="alternate" type="application/rss+xml" title="RSS 2.0" />
<link href="/blog.html?format=xml&type=atom" rel="alternate" type="application/atom+xml" title="Atom 1.0" />
```

Alternatively, you can insert your own link. This link must point to a menu item that loads a list & search type that already contains a configured Feeds field. To do this, insert either the complete URL "https://example.com/blog.html" or the relative URL "/blog.html" here. This is useful if, for example, you have also included a List & Search Type on the home page and would like to make the feed from your blog available here as well, without having to create another feed.

Note: In some situations it can be helpful to clone List & Search types (batch processing) to be able to use different Feeds fields.

Please check if everything works as desired by opening the HTML source code in the browser and following the link.

You can also use multiple Feeds fields in a single List & Search Type, but a feed to the current content must always be above the other feeds.

(2) At this point you can decide if a RSS + Atom feed should be generated / linked, or just one of these two types.

(3+4) These two options allow you to customize the URLs in the entries. In some cases this can be useful. By default, you do not need to set anything here.

(5) Here you can decide how the feed should be sorted. Default here is the publication date, which is normally stored in the field named "art\_publish\_up". Simply enter a different field name here if you want to sort based on other data. It does not have to be a date here, even the title or e.g. a number would be possible.

(6) With the direction you can determine whether sorting should be done in ascending or descending order.

(7) With the number of entries you can determine the maximum number of entries to be displayed in a feed. Keep in mind that too many entries can cause a high loading time.

### Set information about the channel

(8) The feed will automatically try to find a suitable title, if the result does not meet your expectations, you can enter it here freely.

(9) Enter the description for your feed here. A default value is not set here, if you do not enter anything, this field is empty. It is recommended to fill in the field. [Required according to RSS specification]

(10) Enter here the language tag of the language the content of this feed has. For example "de-DE" for German or "en-GB" for English.

(11) Normally you don't have to enter anything for the Feed ID. Default is the URL of the menu item.

(12) Enables or disables the generator tag.

(13) Allows you to customize the Generator Tag.

(14) If you want to add a logo or image to your feed, enter a relative path "/images/logo.jpeg" to the image or logo here.

(15/16) Width and height of the image / logo in pixels. Only one number is entered here, e.g. "100".

(17) Name of the publisher or author of this feed or section.

(18) Mail-adress of the publisher or author. Attention, all data in the feed are public!

(19) Link to the website of the publisher or author. Full link (https://www.example.com)

(20) "Copyright Text 1" means the text on the left before the dates.

(21) "Copyright Text 2" means the text on the right after the dates.

(22) Year of the copyright start. Will be displayed only after Copyright Text 1 or 2 has been filled in.

(23) By default, this field remains empty and shows the year of the current year, but can also be fixed to a specific year by entering a year here. However, it is also only displayed once Copyright Text 1 or 2 has been filled in.

### From here you specify the contents of the feed entries

In almost all cases, you can easily determine the content by specifying the field name where the content is stored.

Save Save & Close Save & New Close

Title *	<input type="text" value="Article Title"/>	App Folder	<input type="text" value="- Article"/>	<input checked="" type="checkbox" value="On"/> <input type="checkbox" value="Off"/>
Name	<input style="border: 2px solid red;" type="text" value="art_title"/>	Type	<input type="text" value="Text"/>	<input type="text" value="Description"/>

**Construction <sup>1</sup>**

Label	<input type="text" value="Title"/>	Default Value	<input type="text"/>
Minlength	<input type="text" value="0"/>	Maxlength	<input type="text" value="255"/>
Size	<input type="text" value="32"/>		

**Storage <sup>2</sup>**

Format / Object	<input type="text" value="Standard"/>	<input type="text" value="Article"/>	<input type="text" value="title"/>
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(24) Enter the field name here that contains the title of the entries. The default here is "art\_title". [Required according to specification]

(25-28) You can use these 4 fields to determine which content is included in the feed. By default the two SEBLOD standard fields art\_introtxt and art\_fulltext are addressed here. However, the field for the complete or the main content is deactivated. You can also enter other fields here if you have stored the content differently. Note that Atom and RSS feeds handle content differently. With the RSS feed, both contents are combined in the "Description" area, the Atom feed separates the texts into "Summary" and "Content". You should keep this in mind. One of the two content fields should always be specified and activated. [Required according to specification]

#### **Author information:**

(29-31) The author fields are a bit more special. Although you can enter normal fields here, such as art\_created\_by\_alias or custom fields, this may be less useful here. If each of your authors has their own Joomla user account, it probably makes more sense to use the special fields described below to access the information stored in the corresponding author's user profile.

Special field specifications:

It is possible to specify a field that contains the ID of the user. For example "art\_created\_by" and in square brackets behind it the column name of a supported user database table, e.g. "username" or "email". For example, the input may look like this: "art\_created\_by[name]".

You can access all fields that exist by default for users. This includes the standard fields, such as "name" and "username", which are in the "users" table and also the fields that are in the standard SEBLOD table "store\_item\_users". You can also create your own user fields and use them as well, but with the following restrictions: You can only store in the default user table "store\_form\_users", which Seblod will automatically create when you save the new field if you do not select a custom table. Also, only the Standard storage format is supported for custom user fields. So please do not select JSON or Custom at this point.

So your input could also look like this: "my\_id\_fieldname[my\_user\_fieldname]".

(32+33) It is also possible to specify multiple authors (supported by only a few feed readers):

You can either enter a field name whose content contains a list of the desired names per entry (e.g. separated by commas). In this case, only the names are output. However, if you would like to use the user database tables again, you can specify a field name here that contains user IDs instead of names. In that case, the columns specified above will also be retrieved from the square brackets. However, if there are no corresponding entries there, this will not work! Instead of simple lists, Field X can also be used here.

(34) Here you should specify a field containing the name of the main category or the corresponding category ID, such as art\_catid.

(35) If desired, you can specify a field here that contains a link to the category of the post.

(36) To display additional categories, you can specify here a field containing a list (e.g., comma-separated) or a Field X. It must contain either category IDs or the names of the categories.

(37) Here you can enter the separator that will be used when using a category list (ID or names). The default is the comma.

(38) At this point, you can add file attachments to the feed. To do this, specify a field that stores one or more URLs. If you want to pass multiple URLs, it can be a simple list, as well as a Field X. The URLs are to be specified either completely "https://www.example.com/files/filename.zip" or relatively "files/filename.zip".

It is important that you can specify only local files here, i.e. only files that are located on your server. Files without extension and for which the size or the MIME type cannot be determined are not displayed.

(39) Determines the separator used for the files if you have specified a list here. The default here is also the comma.

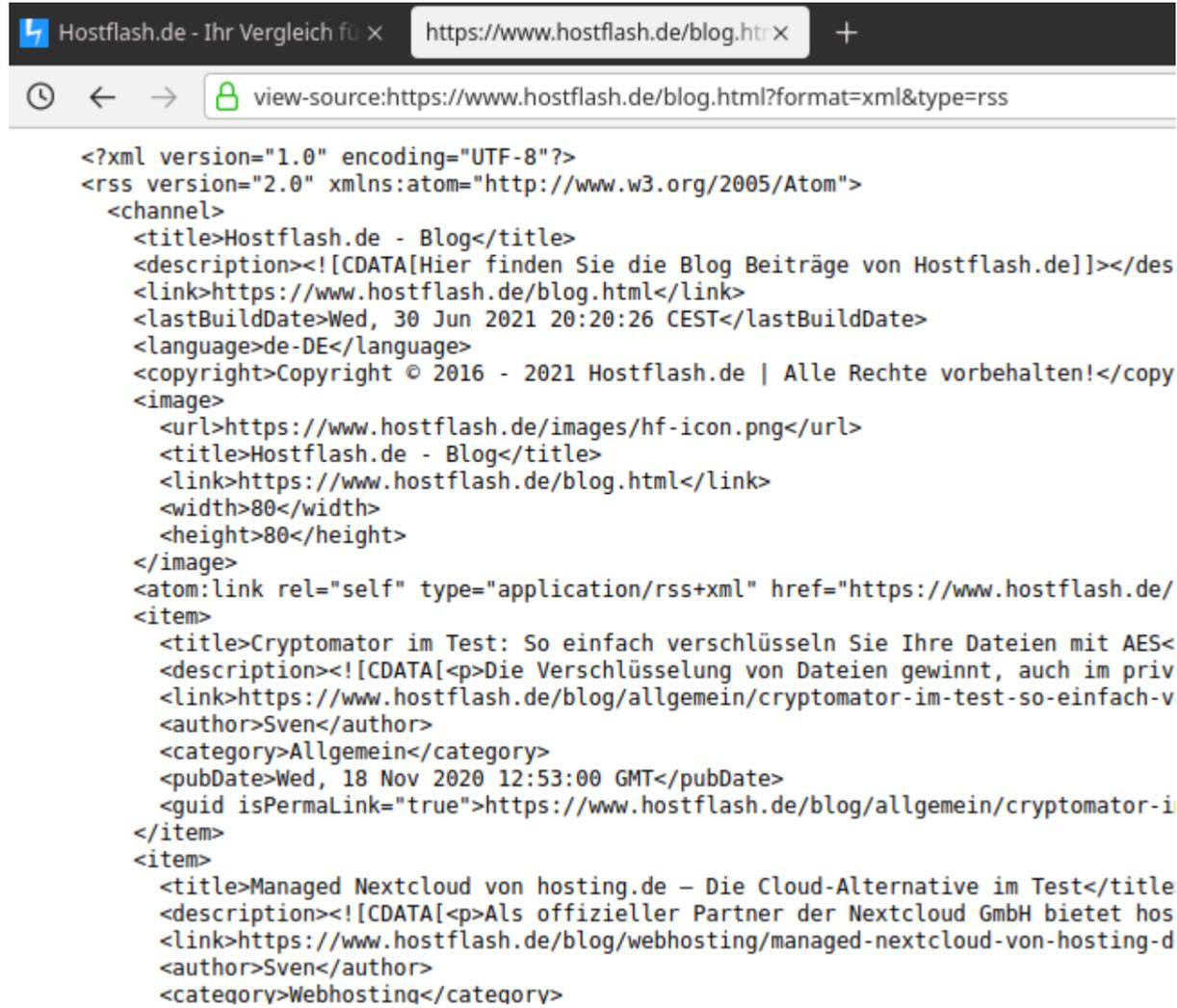
(40) Here you can specify a field that contains the publication date. For example, "art\_publish\_up" can be used here. If you use your own field, keep in mind that the Joomla standard must be used here as the date format: "2021-07-01 13:47:31". The field should always be specified if possible. [Required according to Atom specification]

(41) Specify here where the comments on the posts can be found. This can either be a field with a full URL, an anchor like "#comments" or a variable like „?comments=here“. These are then appended to the current URL of the entry. Some readers then display the link to the comments.

(42) Here you can specify a field that contains a unique number (ID). By default, the URL of the corresponding post is specified here. A field specification is usually not necessary here.

**Possible result:**

The result for the RSS feed may look like this or something similar.



```
<?xml version="1.0" encoding="UTF-8"?>
<rss version="2.0" xmlns:atom="http://www.w3.org/2005/Atom">
  <channel>
    <title>Hostflash.de - Blog</title>
    <description><![CDATA[Hier finden Sie die Blog Beiträge von Hostflash.de]]></des<
    <link>https://www.hostflash.de/blog.html</link>
    <lastBuildDate>Wed, 30 Jun 2021 20:20:26 CEST</lastBuildDate>
    <language>de-DE</language>
    <copyright>Copyright © 2016 - 2021 Hostflash.de | Alle Rechte vorbehalten!</copy
    <image>
      <url>https://www.hostflash.de/images/hf-icon.png</url>
      <title>Hostflash.de - Blog</title>
      <link>https://www.hostflash.de/blog.html</link>
      <width>80</width>
      <height>80</height>
    </image>
    <atom:link rel="self" type="application/rss+xml" href="https://www.hostflash.de/
  <item>
    <title>Cryptomator im Test: So einfach verschlüsseln Sie Ihre Dateien mit AES<
    <description><![CDATA[<p>Die Verschlüsselung von Dateien gewinnt, auch im priv
    <link>https://www.hostflash.de/blog/allgemein/cryptomator-im-test-so-einfach-v
    <author>Sven</author>
    <category>Allgemein</category>
    <pubDate>Wed, 18 Nov 2020 12:53:00 GMT</pubDate>
    <guid isPermaLink="true">https://www.hostflash.de/blog/allgemein/cryptomator-i
  </item>
  <item>
    <title>Managed Nextcloud von hosting.de – Die Cloud-Alternative im Test</title>
    <description><![CDATA[<p>Als offizieller Partner der Nextcloud GmbH bietet hos
    <link>https://www.hostflash.de/blog/webhosting/managed-nextcloud-von-hosting-d
    <author>Sven</author>
    <category>Webhosting</category>
```

**Restrict results in the feed:**

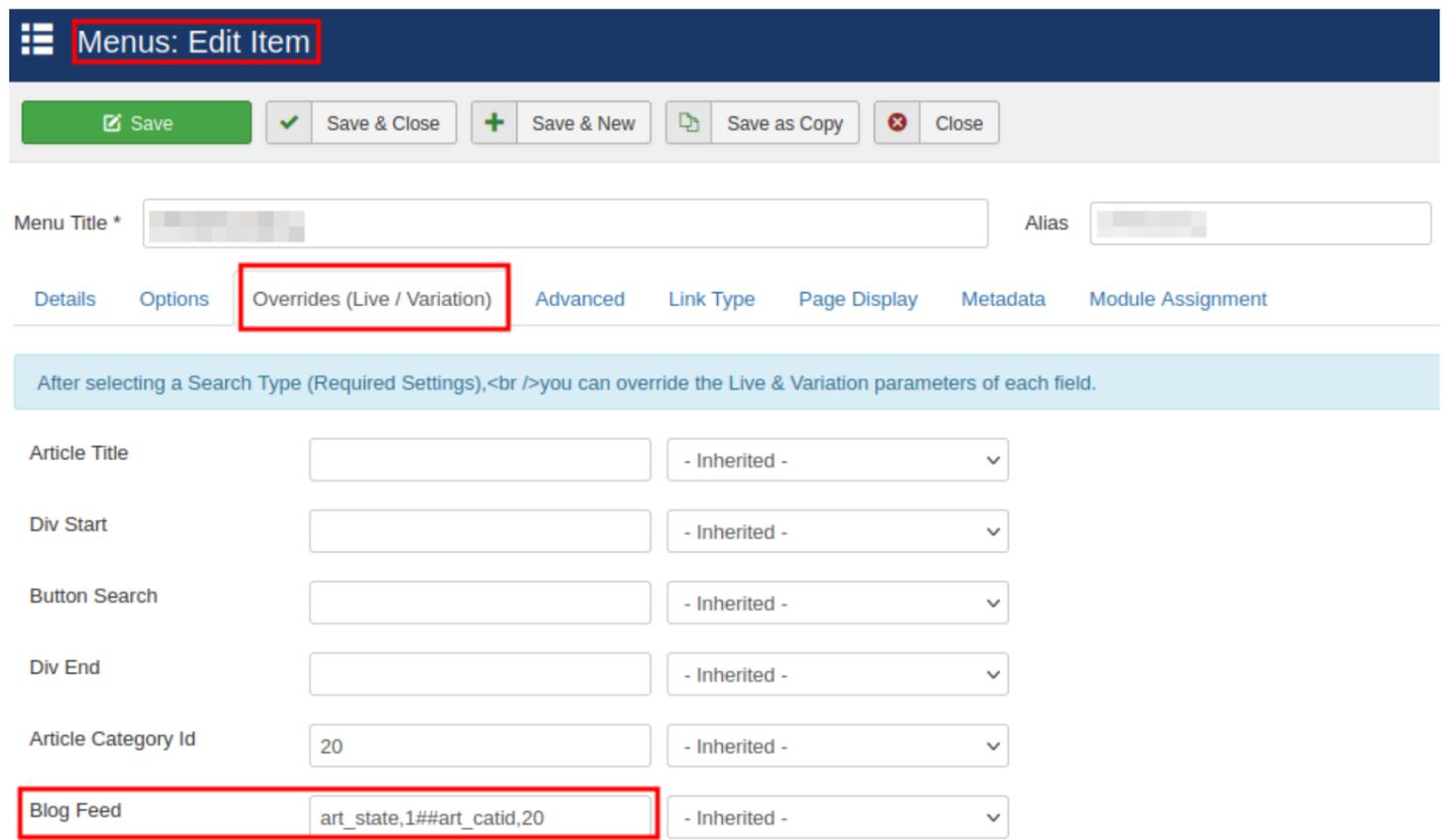
By default, all entries of the associated Content Type that have the status "Published" (state = 1) are included in the feed. There is a possibility to influence this behavior in the corresponding menu item by giving a value to the Feeds field. This is useful, for example, to include only the content of a certain category.

**Note the following:**

**The format is:** fieldname,value##fieldname,value##fieldname,value ...

Only single values may appear in the fields and specifications, values separated by commas, for example, will not be processed here as expected.

The status (art\_state,1) should usually be given in this case; if it is omitted, entries that are unpublished or in the trash will also be displayed.



Field	Value	Default
Article Title		- Inherited -
Div Start		- Inherited -
Button Search		- Inherited -
Div End		- Inherited -
Article Category Id	20	- Inherited -
Blog Feed	art_state,1##art_catid,20	- Inherited -