



FirstSpirit™

Unlock Your Content

FirstSpirit™ VideoManagement FirstSpirit Version 4.2R4

Version	1.0.5
State	RELEASED
Date	2012-06-28

Department	Product management
Author/ Authors	M. Pahl
Copyright	2012 e-Spirit AG

File name VIMA424EN_FirstSpirit_Modules_VideoManagement

e-Spirit AG

Barcelonaweg 14
44269 Dortmund | Germany

T +49 231 . 477 77-0
F +49 231 . 477 77-499

info@e-Spirit.com
www.e-Spirit.com

e-Spirit

- 1 Introduction..... 2**
 - 1.1 Functional scope..... 2
 - 1.2 How it works..... 2

- 2 Installation 3**
 - 2.1 Components required..... 3
 - 2.1.1 FirstSpirit Server 3
 - 2.1.2 MovingImage24 account 3
 - 2.2 Installing and configuring the VideoManagement module in FirstSpirit.. 3
 - 2.2.1 Installation..... 3
 - 2.2.2 Configuration..... 5
 - 2.2.3 Proxy support..... 6

- 3 Expanding the FirstSpirit Project..... 7**
 - 3.1 Expanding metadata..... 7
 - 3.2 Input components..... 7
 - 3.2.1 Combobox for choosing the player skin 7
 - 3.2.2 Reference..... 8
 - 3.2.3 Width and height of the player 9
 - 3.2.4 Buttons..... 9
 - 3.3 HTML output channel..... 9

- 4 Using the Module in FirstSpirit 10**
 - 4.1 Thumbnail resolution 10
 - 4.2 Adding a video..... 11
 - 4.3 Editing a video..... 12
 - 4.4 Changing a video..... 13
 - 4.5 Show statistics..... 13



5	Syncing Metadata	14
5.1	Manual sync (using the FirstSpirit client)	14
5.2	Syncing using a scheduler entry	14
5.2.1	Syncing before generation	15
5.2.2	Recurring sync	15
5.3	Dealing with deleted videos in VideoManager	15
6	Appendices	15
6.1	Expanding the metadata template	15
6.2	Video streaming section template: form	18
6.3	Video streaming section template: HTML	22
6.4	Sync script	24



1 Introduction

The VideoManagement module is used to integrate the video streaming service provided by MovingImage24 into a FirstSpirit project. This module enhances the functionality of the FirstSpirit JavaClient, enabling the editor to drag-and-drop a video onto a page.

MovingImage24 is integrated using the AppCenter. This document explains how to install and configure the VideoManagement module and describes use of the module in FirstSpirit's JavaClient.

1.1 Functional scope

The VideoManagement module provides the following options for the editor:

- Adding a video to a content page
- Editing a video that has been added to a page
- Exchanging a video
- Viewing statistics related to a video
- Syncing metadata of videos used in FirstSpirit.

1.2 How it works

Use of the VideoManagement Module in FirstSpirit requires a "MovingImage24" account. An account can be set up by registering with MovingImage24 on www.movingimage24.de.

Also, the section template described in Chapter 3.1 must be included in the FirstSpirit project. This template is used to add a video to a page and provides the necessary code for displaying the video in the preview area of the JavaClient.



2 Installation

2.1 Components required

Before installing the VideoManagement Module the following steps should be completed.

2.1.1 FirstSpirit Server

For information on the installation of a FirstSpirit Server please refer to the *FirstSpirit Installationsanleitung*. The VideoManagement Module can be used with the FirstSpirit Server Version 4.2.437. Older versions of the server are not supported.

2.1.2 MovingImage24 account

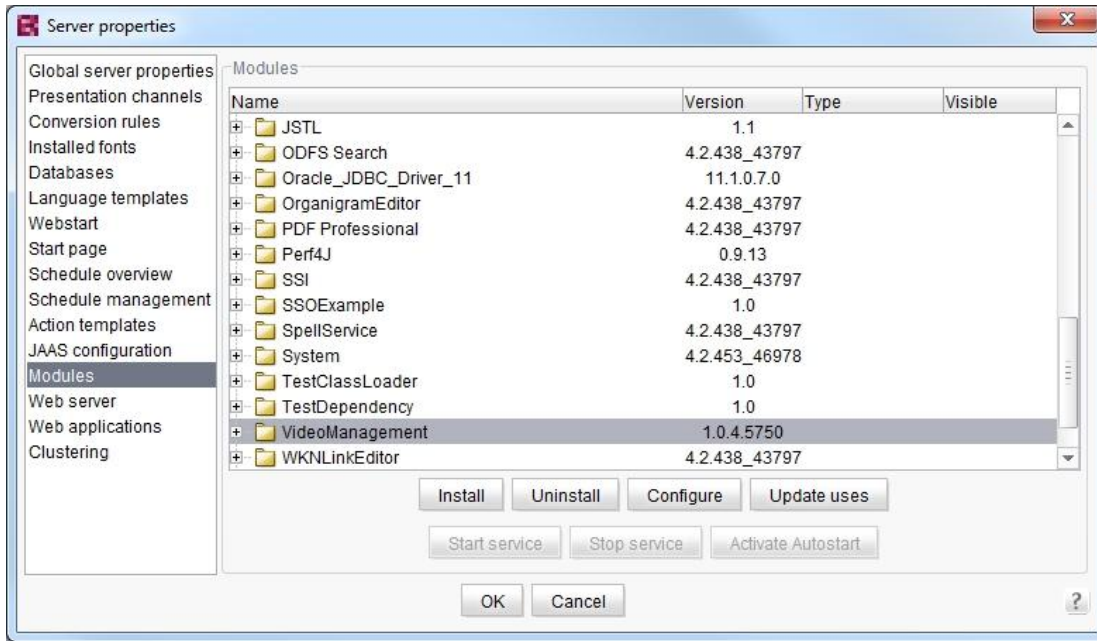
In order to use the functionality provided by the module a valid MovingImage24 account is required. The API key and the developer key provided with the account are also needed. These keys are provided by email after an account has been set up. The API interface of MovingImage24 must be licensed with the account. Additional costs are incurred for the MovingImage24 account.

2.2 Installing and configuring the VideoManagement module in FirstSpirit

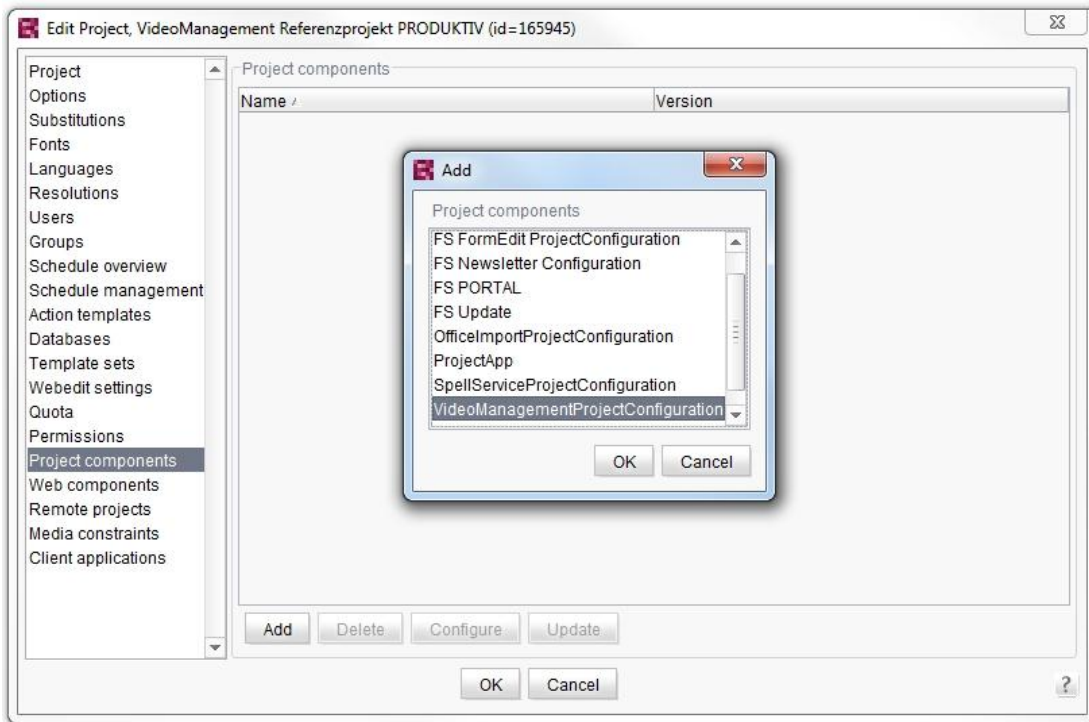
2.2.1 Installation

In order to be accessible to the project, the VideoManagement Module has to be installed on the server. It is advisable to install the fsm file that matches your server version. For details of the installation, refer to the *FirstSpirit Manual for Administrators*, Chapter 7.3.14 (Modules). After completing this installation select the newly installed module, click on "Configure", check the box to grant "All permissions" and click "OK" to close the server properties dialog.





The module has to be added to the project in which you want to use the VideoManagement function. Open the project properties of the desired project by double-clicking it in the project overview.



Select the "project components" menu option. You will see a list of all modules that have already been added to the project. Click "Add" and select VideoManagement Project Configuration to install the module in the project. After clicking "ok", it should



appear in your list of project components.

2.2.2 Configuration

When you double-click the newly installed component "VideoManagementProjectConfiguration", a configuration dialog opens. The options described below need to be customized to your needs.

Section	Field Name	Value	Action
Account information	API-Key	12345-3456-4567	Reset
	Developer-Key	12345-3456-4567	Reset
	Account	firstspirit.demo.test	Reset
FirstSpirit parameter	Media folder	movingimage24	Reset
	Resolve conflicts workflow	videomanagement_resolve_conflicts	Reset
MovingImage24 parameter	Video overview url	https://videodatenbank.movingimage24.de/videomanager/Videolist	Reset
	Video detail page url	https://videodatenbank.movingimage24.de/videomanager/Videoview	Reset
	Video edit page url	https://videodatenbank.movingimage24.de/videomanager/Videoedit	Reset
	Video statistics page url	https://videodatenbank.movingimage24.de/videomanager/Videostats	Reset
	Video id parameter	vid	Reset
	Session token parameter	sessionToken	Reset

Reset all

OK Cancel

API key

Enter here the API key provided by MovingImage24.

Developer key

Enter here the developer key provided by MovingImage24

Account

The account name used to log in.



FirstSpirit parameters

The value of the "Media Folder" field should be set to the UID of the media folder that will contain the thumbnails of the videos to be used in the project. The folder defined here must exist in the project and must be created manually if it doesn't already exist when configuring the settings.

The entry in the "Resolve conflicts workflow" field refers to the workflow that is to be started if a conflict occurs on synchronizing the video metadata. The default entry is the workflow imported into the project when the module is installed. See chapter **Fehler! Verweisquelle konnte nicht gefunden werden.** for details on handling deleted videos.

MovingImage24 parameters

These options are all set automatically during the installation of the module and usually do not need to be altered.

2.2.3 Proxy support

If all Internet access is made via a proxy server, this server needs to be made known to the module. This is done by setting a global parameter in the connection settings of the FirstSpirit Client.

The screenshot shows the FirstSpirit configuration interface. At the top left is the logo "FirstSpirit™ Your Content Integration Platform". On the top right, there is a language dropdown menu set to "English". Below the logo, there is a checkbox labeled "Use settings" which is checked. The main configuration area is divided into two columns. The left column contains: "Mode" set to "HTTP", "Use HTTPS protocol" (unchecked), "Host" (empty text field), "Port" (empty text field), and "Memory" set to "128". The right column contains: "Compression" set to "0 (none)", "Encryption" set to "0 (none)", "Servlet zone" (empty text field), and "Optional parameters" (text area containing "videomanagement.httpproxy=proxy.mycompany.com:8081;"). At the bottom of the configuration area, there are "Save" and "Cancel" buttons.

If a global proxy is defined using the optional FirstSpirit parameter `inlinebrowser.httpproxy` this proxy is also used for the VideoManagement Module. If no proxy is set or a specific proxy is required for the module, it can be configured using the parameter `videomanagement.httpproxy`. If both parameters are used the latter will take precedence for the module. The proxy server



is expected to have the form server:port, e.g.:
videomanagement.httpproxy=proxy.company.com:8081.

3 Expanding the FirstSpirit Project

In order to use the video management function in FirstSpirit a special section template is imported into the project when the module is installed. You can find the form and the HTML presentation channel in appendix 6 of this document.

3.1 Expanding metadata

For every video referenced in FirstSpirit, a proxy object is created in the Media Store. This object contains the metadata of the video. Therefore, several input components have to be added to the project's metadata template. If the project does not yet have a metadata template one must be created. The necessary additions to the metadata template can be found in appendix 6.1.

Further Information about the metadata template can be found in the *FirstSpirit Manual for Administrators* in chapter 7.4.2.

3.2 Input components

The module adds a section template, "VideoManagement Example Section", to the project. This template can serve as a model for the actual implementation. The template itself should not be used, because it will be overwritten with every update of the module. The template is ready to use immediately, but should be customized to the project requirements, especially the output (HTML presentation channel).

The section template consists of various Input components which are explained in the following:

3.2.1 Combobox for choosing the player skin

This combobox enables the editor to determine the appearance of the video player, which is displayed on the page. The code used for this box is shown here in shortened form:

```
<CMS_INPUT_COMBOBOX name="st_video_skin" useLanguages="no">  
  <ENTRIES>
```



```
<ENTRY value="1">
  <LANGINFOS>
    <LANGINFO lang="*" label="Fully featured (content area,
500x307)"/>
  </LANGINFOS>
</ENTRY>
<ENTRY value="2">
  <LANGINFOS>
    <LANGINFO lang="*" label="Recommended features (content
area, 500x307)"/>
  </LANGINFOS>
</ENTRY>
</ENTRIES>
<LANGINFOS>
  <LANGINFO lang="*" label="Player skin" description="Please
select the player skin"/>
</LANGINFOS>
</CMS_INPUT_COMBOBOX>
```

Depending on the editor's selection, a corresponding invocation code is rendered to the page. The VideoManager can be used to define custom player skins. The combobox and the HTML output channel can be manually enhanced with these skins.

3.2.2 Reference

This component shows the selected video. In the code it is important to make sure that the folder from the module configuration is used and that this folder actually exists (see Chapter 2.2.2 of this document).



```
<FS_REFERENCE
  name="st_video"
  imagePreview="yes"
  noBreak="no"
  upload="no">
  <FILTER>
    <HIDE type="all"/>
    <ALLOW type="picture"/>
  </FILTER>
  <LANGINFOS>
    <LANGINFO lang="" label="Video" description="Insert a video"/>
  </LANGINFOS>
  <PROJECTS>
    <LOCAL name=".">
      <SOURCES>
        <FOLDER name="movingimage24" store="mediastore"/>
      </SOURCES>
    </LOCAL>
  </PROJECTS>
</FS_REFERENCE>
```

3.2.3 Width and height of the player

The width and height of the player can be modified by entering specific values in these input components.

3.2.4 Buttons

The four buttons (FS_BUTTON) are used to integrate the VideoManager via the AppCenter. No changes are necessary. These buttons are described in Chapter 4 of this document.

3.3 HTML output channel

The section template provides the code necessary for inserting a video into a page. Also, the title of the video is used as a headline. If additional video metadata is to be displayed on the page, this can be achieved by modifying the template's HTML channel. The HTML section of the template can be found in appendix 6.3.



4 Using the Module in FirstSpirit

The video management functions are integrated into FirstSpirit using the AppCenter. The VideoManager opens in a new tab after the "open MI24" button has been clicked.

The screenshot displays the VideoManager 6 interface. At the top, there's a navigation bar with 'Dashboard', 'Upload video', 'Videos' (selected), 'Statistics', and 'Administration'. Below this, a sidebar shows 'Channels' with 'All videos', 'AppCenter', and 'Product'. The main content area is titled 'Overview' and features a search bar, a 'Categories' dropdown set to 'all', and sorting options (Video ID, Desc, Videos per page: 10). A list of videos is shown, each with a thumbnail, title, and metadata:

- AppCenter Medien-Datenbank**: Status: Released | Last edited: 24.05.2012 | ID: 91836 | Length: 2:37 | Rating: ★★★★★ | Category: | Views: 292 |
- AppCenter Geolocation**: Status: Released | Last edited: 22.03.2012 | ID: 62886 | Length: 3:15 | Rating: ★★★★★ | Category: | Views: 872 |
- AppCenter Medien-Datenbank**: Status: Released | Last edited: 23.05.2012 | ID: 62884 | Length: 4:37 | Rating: ★★★★★ | Category: | Views: 764 |
- Video-Integration mit FirstSpirit**: Status: Released | Last edited: 02.03.2012 | ID: 41746 | Length: 1:00 | Rating: ★★★★★ | Category: | Views: 4125 |

Four different functions of the VideoManagement application can be directly controlled using the various buttons. Furthermore, all VideoManager functions can be accessed using the web interface.

4.1 Thumbnail resolution

For thumbnails, the highest available resolution (512 x 288 pixel) is used. Other resolutions can be created with the default FirstSpirit resolution. Hints to do this are

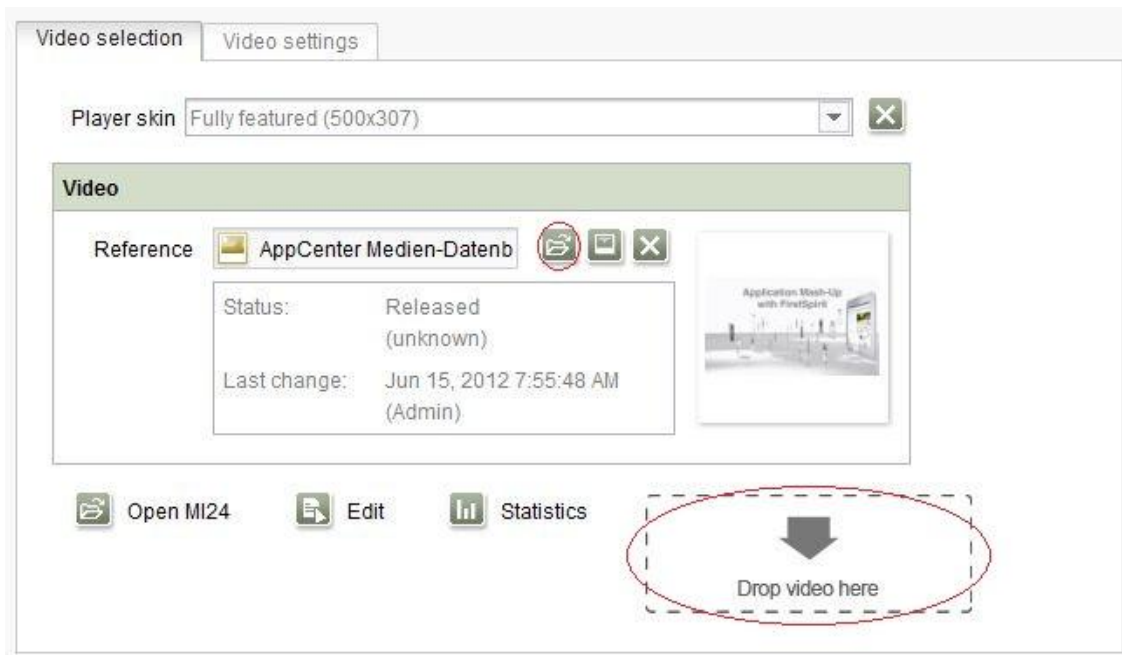


provided in the manual for administrators.

4.2 Adding a video

A video can be added to a page in one of two ways:

If a video is to be used that has already been referenced elsewhere in the project it can be selected using the folder button.

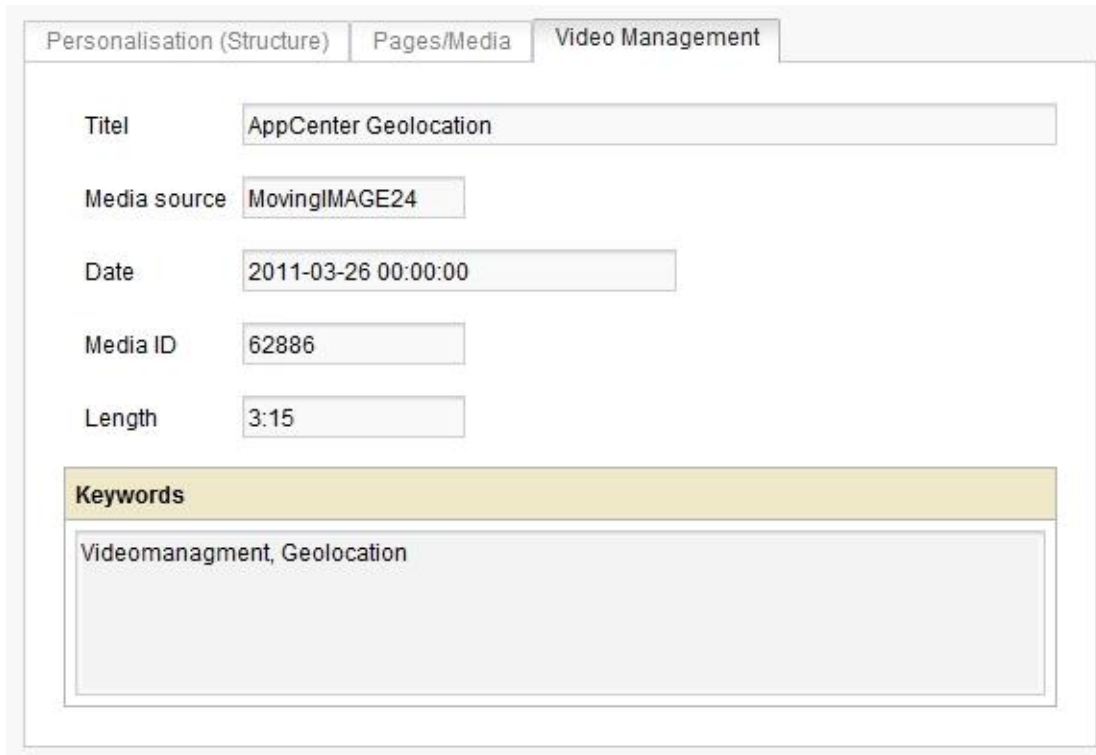


Alternatively, the MI24 page can be opened using the "Open MI24" button. The application opens and shows a list of videos that can be filtered using the search mechanism in the upper right-hand part of the page. The desired video can be integrated into the page by dragging and dropping the blackberry-colored are onto the marked area in the editing form.



A thumbnail of the selected video is then created in the specified folder in the Media Store (see above). The video metadata is added to this image as metadata.





The screenshot displays the 'Video Management' tab in a software interface. It features several input fields for video metadata:

- Titel:** AppCenter Geolocation
- Media source:** MovingIMAGE24
- Date:** 2011-03-26 00:00:00
- Media ID:** 62886
- Length:** 3:15

Below these fields is a section titled 'Keywords' with a text area containing the text 'Videomanagment, Geolocation'.

Die Videos können den auf der linken Seite gelisteten unterschiedlichen Channels durch Drag & Drop zugordnet werden, indem man den grün markierten Bereich des eines Videothumbnails auf den jeweiligen Channel fallen lässt.

The respective Videos can be linked to the channels which are linked in the left area of the page. The green marked Area of the videothumbnail needs to be dragged and dropped onto the particular channel.

4.3 Editing a video

A selected video can be edited using the "Edit" button. The detail page for the video opens in a new tab in the AppCenter.



Video information

Close

Company:	<input type="text"/>
Responsible:	<input type="text" value="firstspirit.demo"/>
Uploaded from:	<input type="text" value="firstspirit.demo"/>
Uploaded on:	<input type="text" value="2011-08-19 12:00:00 AM"/>
Last edited:	<input type="text" value="2012-05-24 05:12:14 PM"/>
Display date:	<input type="text" value="2011-08-19 12:00:00 AM"/>
Category:	<input type="text" value="keine"/>
Production Company:	<input type="text"/>
Produced on:	<input type="text"/>
Video ad:	<input type="text" value="Default video ad order"/>
Video ad target URL:	<input type="text"/>

Save Undo

The metadata in FirstSpirit can be updated using the "Sync metadata" script (Extras / Execute script / VideoManagement). This can be done manually by the editor or as part of a scheduler entry (see chapter 5.1).

4.4 Changing a video

There are two ways to change a video.

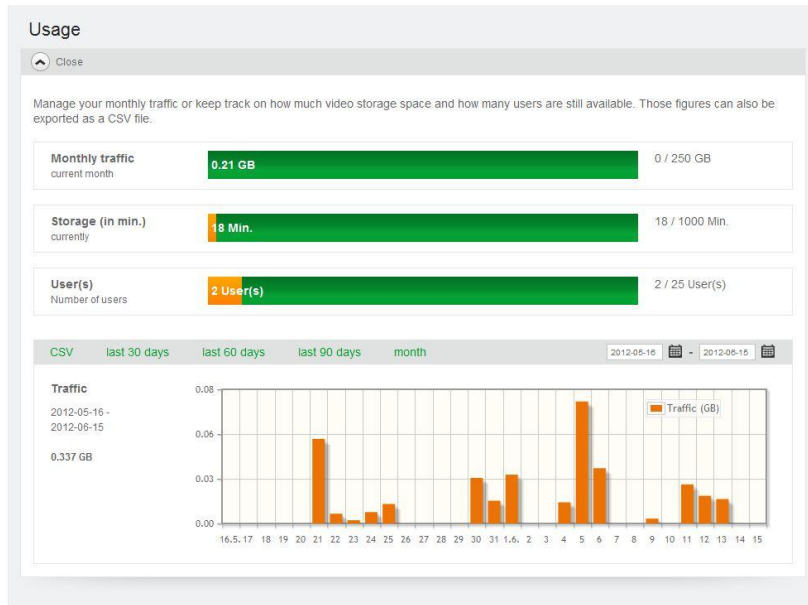
A video that has already been imported into FirstSpirit can be selected using the folder button.

Alternatively, the "Open MI24" button can be used to open the detail page of the video currently selected. The "Video list" link opens an overview of all videos. Here a new video can be selected and dragged onto the purple button; this adds the video to the page and replaces the old one with the selected video.

4.5 Show statistics

The "Statistics" button opens the statistics page for the selected video in a new tab in the preview area of FirstSpirit. This statistics page is provided by MI24.





5 Syncing Metadata

When using a video for the first time the video's metadata is transferred to the FirstSpirit project and saved in the media object created in the Media Store. If subsequent changes are made to the video's metadata- these changes are not automatically updated in FirstSpirit. Instead, an update must be specifically initiated.

5.1 Manual sync (using the FirstSpirit client)

The syncing process can be triggered manually by an editor. The module adds a script to the project which can be run using the "Extras / Execute script / VideoManagement" menu:

5.2 Syncing using a scheduler entry

In many cases, regular, automatic metadata updates are required. The module provides a script (see appendix 6.4) which can be used as a task within schedule entries. When using this script in this way, a separate connection has to be set up for this task. The user must have the rights/permissions necessary to change, delete and release the proxy objects in the Media Store. The following use cases are supported:



5.2.1 Syncing before generation

The idea is to update the metadata before the generation task, so that up-to-date information is available when creating the pages. The sync script task is simply run as a task preceding generation. If syncing fails, the generation can be canceled. For further details, see the *FirstSpirit Manual for Administrators*, chapter 7.5.5

5.2.2 Recurring sync

In this scenario, a scheduling entry is created that only contains the update script. This entry is implemented at predefined intervals. Please note that this can result in generations that use outdated metadata. This scheduling entry can also be configured to be run interactively, so that editors can perform this task whenever they wish.

5.3 Dealing with deleted videos in VideoManager

When metadata is updated, it is possible that a video that has been deleted in VideoManager is still used and referenced inside the FirstSpirit project. This conflict cannot be resolved automatically. An editor has to resolve the situation by

- removing all the references to the object
- choosing a different video
- restoring the video inside VideoManager

To module assists the editor by providing a workflow that can be run on the proxy object inside FirstSpirit. In this way, all responsible editors are given the task of taking care of the broken reference.

If a different workflow is desired it can be configured in the module's config dialog.

6 Appendices

6.1 Expanding the metadata template

```
<CMS_INPUT_TEXT name="m_video_name" hFill="yes" noBreak="no"
singleLine="yes" useLanguages="no">
```



```
<LANGINFOS>
  <LANGINFO lang="*" label="Titel" description="video title"/>
  <LANGINFO lang="DE" label="Title" description="Titel des
Videos"/>
</LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXT name="m_video_source" hFill="yes" length="10"
noBreak="no" singleLine="yes" useLanguages="no">
  <LANGINFOS>
    <LANGINFO lang="*" label="Media source " description="Insert
a media source comment"/>
    <LANGINFO lang="DE" label="Medienquelle" description="Geben
Sie Informationen zur Medienquelle ein"/>
  </LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXT name="m_video_displayDate" hFill="yes"
length="20" noBreak="no" singleLine="yes" useLanguages="no">
  <LANGINFOS>
    <LANGINFO lang="*" label="Date" description="Insert a date
string"/>
    <LANGINFO lang="DE" label="Datum" description="Datum des
Videos"/>
  </LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXT name="m_video_id" hFill="yes" length="10"
noBreak="no" singleLine="yes" useLanguages="no">
  <LANGINFOS>
    <LANGINFO lang="*" label="Media ID" description="Insert the
media ID"/>
    <LANGINFO lang="DE" label="Medien-ID" description="Geben Sie
die Medien-ID ein"/>
  </LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXT name="m_video_length" hFill="yes" length="10"
noBreak="no" singleLine="yes" useLanguages="no">
  <LANGINFOS>
    <LANGINFO lang="*" label="Length" description="Length of the
video"/>
```



```
<LANGINFO lang="DE" label="Länge" description="Länge des
Videos"/>
</LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXTAREA name="m_video_keywords" hFill="yes" rows="5"
useLanguages="no">
<LANGINFOS>
<LANGINFO lang="*" label="Keywords" description="Insert
keywords"/>
<LANGINFO lang="DE" label="Schlagworte" description="Geben
Sie inhaltliche Schlagworte an"/>
</LANGINFOS>
</CMS_INPUT_TEXTAREA>

<CMS_INPUT_TEXT name="m_video_url" hFill="yes" hidden="yes"
noBreak="yes" singleLine="yes" useLanguages="no">
<LANGINFOS>
<LANGINFO lang="*" label="Media URL" description="Insert the
media URL"/>
<LANGINFO lang="DE" label="Medien-URL" description="Geben
Sie den Medien-URL ein"/>
</LANGINFOS>
</CMS_INPUT_TEXT>

<CMS_INPUT_TEXT
name="m_video_thumbnailUrl"
hFill="yes"
hidden="yes"
noBreak="yes"
singleLine="yes"
useLanguages="no">
<LANGINFOS>
<LANGINFO lang="*" label="Thumbnail URL" description="Insert
the media URL"/>
<LANGINFO lang="DE" label="Thumbnail-URL" description="Geben
Sie den Thumbnail-URL ein"/>
</LANGINFOS>
</CMS_INPUT_TEXT>
```



6.2 Video streaming section template: form

```
<CMS_MODULE>

  <CMS_GROUP tabs="top">

    <CMS_GROUP>
      <LANGINFOS>
        <LANGINFO lang="*" label="Video selection"/>
        <LANGINFO lang="DE" label="Videoauswahl"/>
      </LANGINFOS>

      <CMS_INPUT_COMBOBOX name="st_video_skin" useLanguages="no">
        <ENTRIES>
          <ENTRY value="1">
            <LANGINFOS>
              <LANGINFO lang="*" label="Fully featured (content
area, 500x307)"/>
              <LANGINFO lang="DE" label="Vollausgestattet
(Inhaltebereich, 500x307)"/>
            </LANGINFOS>
          </ENTRY>
          <ENTRY value="2">
            <LANGINFOS>
              <LANGINFO lang="*" label="Recommended features
(content area, 500x307)"/>
              <LANGINFO lang="DE" label="Empfohlener
Funktionsumfang (Inhaltebereich, 500x307)"/>
            </LANGINFOS>
          </ENTRY>
          <ENTRY value="3">
            <LANGINFOS>
              <LANGINFO lang="*" label="No features (content area,
500x307)"/>
              <LANGINFO lang="DE" label="Keine Bedienelemente
(Inhaltebereich, 500x307)"/>
            </LANGINFOS>
          </ENTRY>
          <ENTRY value="4">
            <LANGINFOS>
```



```
<LANGINFO lang="*" label="No features, with
autostart (marginal area)"/>
    <LANGINFO lang="DE" label="Keine Bedienelemente, mit
Autostart (Marginalspalte)"/>
    </LANGINFOS>
</ENTRY>
<ENTRY value="5">
    <LANGINFOS>
        <LANGINFO lang="*" label="No features, without
autostart (marginal area)"/>
        <LANGINFO lang="DE" label="Keine Bedienelemente,
ohne Autostart (Marginalspalte)"/>
    </LANGINFOS>
</ENTRY>
</ENTRIES>
<LANGINFOS>
    <LANGINFO lang="*" label="Player skin"
description="Please select the player skin"/>
    <LANGINFO lang="DE" label="Player-Skin"
description="Bitte den Player-Skin wählen"/>
</LANGINFOS>
</CMS_INPUT_COMBOBOX>

<FS_REFERENCE
name="st_video"
allowEmpty="no"
hFill="no"
imagePreview="yes"
noBreak="no"
upload="no"
useLanguages="no">
<FILTER>
    <HIDE type="all"/>
    <ALLOW type="picture"/>
</FILTER>
<LANGINFOS>
    <LANGINFO lang="*" label="Video" description="Insert a
video"/>
    <LANGINFO lang="DE" label="Video" description="Wählen
Sie hier ihr Video aus"/>
```



```
</LANGINFOS>
<PROJECTS>
  <LOCAL name=".">
    <SOURCES>
      <FOLDER name="movingimage24" store="mediastore"/>
    </SOURCES>
  </LOCAL>
</PROJECTS>
</FS_REFERENCE>

<FS_BUTTON
  name="st_showVideo"
  icon="media:selectfile"
  noBreak="yes"
  onClick="class:VideoManagementOpenVideoAppExecutable"
  style="firstspirit">
  <LANGINFOS>
    <LANGINFO lang="*" label="Open MI24"/>
    <LANGINFO lang="DE" label="MI24 Öffnen"/>
  </LANGINFOS>
  <PARAMS>
    <PARAM name="target">#field.st_video</PARAM>
  </PARAMS>
</FS_BUTTON>

<FS_BUTTON
  name="st_editVideo"
  icon="media:edit"
  noBreak="yes"
  onClick="class:VideoManagementOpenEditVideoExcecutable"
  style="firstspirit">
  <LANGINFOS>
    <LANGINFO lang="*" label="Edit"/>
    <LANGINFO lang="DE" label="Editieren"/>
  </LANGINFOS>
  <PARAMS>
    <PARAM name="target">#field.st_video</PARAM>
```



```
</PARAMS>
</FS_BUTTON>

<FS_BUTTON
  name="st_showStatistics"
  icon="media:overlay_statistik"
  noBreak="yes"
  onClick="class:VideoManagementOpenStatisticsExecutable"
  style="firstspirit">
  <LANGINFOS>
    <LANGINFO lang="*" label="Statistics"/>
    <LANGINFO lang="DE" label="Statistik"/>
  </LANGINFOS>
  <PARAMS>
    <PARAM name="target">#field.st_video</PARAM>
  </PARAMS>
</FS_BUTTON>

<FS_BUTTON
  name="st_dropTarget"
  icon="media:droptargeticon"
  noBreak="no"
  onDrop="class:VideoManagementHandleDropExecutable"
  style="link">
  <DROPTYPES>
    <MIME type="application/fs_video"
  classname="de.espirit.common.util.Pair"/>
  </DROPTYPES>
  <LANGINFOS>
    <LANGINFO lang="*" label=""/>
  </LANGINFOS>
  <PARAMS>
    <PARAM name="target">#field.st_video</PARAM>
  </PARAMS>
</FS_BUTTON>

</CMS_GROUP>
```



```
<CMS_GROUP>
  <LANGINFOS>
    <LANGINFO lang="*" label="Video settings"/>
    <LANGINFO lang="DE" label="Videoeinstellungen"/>
  </LANGINFOS>
  <CMS_LABEL bold="no" size="12">
    <LANGINFOS>
      <LANGINFO lang="*" label="These settings will override
the corresponding values in the predefined player skins"/>
      <LANGINFO lang="DE" label="Diese Einstellungen
überschreiben die entsprechenden Werte innerhalb der
vordefinierten Player-Skins"/>
    </LANGINFOS>
  </CMS_LABEL>

  <CMS_INPUT_TEXT name="st_video_width" hFill="yes"
singleLine="no" useLanguages="no">
    <LANGINFOS>
      <LANGINFO lang="*" label="Width"/>
      <LANGINFO lang="DE" label="Breite"/>
    </LANGINFOS>
  </CMS_INPUT_TEXT>

  <CMS_INPUT_TEXT name="st_video_height" hFill="yes"
singleLine="no" useLanguages="no">
    <LANGINFOS>
      <LANGINFO lang="*" label="Height"/>
      <LANGINFO lang="DE" label="Höhe"/>
    </LANGINFOS>
  </CMS_INPUT_TEXT>

</CMS_GROUP>

</CMS_GROUP>
```

6.3 Video streaming section template: HTML




```

$--
this section ships as a sample with the VideoIntegration module
It displays the heading of the referenced video and uses the
javascript based invocation code

You should create your own section template for your project, as
this template may be overwritten during a VideoIntegration module
update
--$
<div>
$-- get title from the linked video and display it as the heading
--$
$CMS_IF(!st_video.media.meta.get("m_video_name").empty &&
!st_video.media.meta.get("m_video_name").getEditor().get(#global.l
anguage).empty)$
<h3 style="margin: 0 0 10px
0;">$CMS_VALUE(st_video.media.meta.get("m_video_name").getEditor()
.get(#global.language))$</h3>
$CMS_END_IF$
$-- use invocation code base on the choosen presets --$
$CMS_IF(!st_video.media.meta.get("m_video_id").empty &&
!st_video.media.meta.get("m_video_id").getEditor().get(#global.lan
guage).empty)$
    $CMS_IF(st_video.skin.equals("2"))$
        <div style="width:500px"><div><script
type="text/javascript"
src="http://www.movingimage24.de/videojs_$CMS_VALUE(st_video.media
.meta.get("m_video_id").getEditor().get(#global.language))$?width=
$CMS_VALUE(st_video_width,default:"500")$&height=$CMS_VALUE(st_vid
eo_height,default:"307")$&player=v2&scwm=4&adbtn=0&adbtn2=0&adbtn5
=0&chapter=0&overlays=0&cbarPlayPauseFlag=0&cbarTrackFlag=1&cbarTi
meTotalFlag=1&cbarTimeDurationFlag=1&cbarvolumeBarFlag=1&volumeBtn
=0&cbarFullScreenFlag=0&bg=D7DBE3&bg2=D7DBE3&ctlstyle=none&fg=2f37
45&ctcb1=2f3745&ctcb2=ffffff&ctcb3=ffffff&ctcb4=ffffff&ctcb5=fffff
f&ctcb6=807e7e&ctcb7=424141&ctg1=393838&ctg2=b2b1b1&ctg3=ffffff&ct
g4=000000&ctg5=70&ctab1=969595&ctab2=424141&ctab3=ala0a0&ctab4=747
373&ctab5=ffffff&ctab6=ffffff&lc=000000&start=0&volume=70&thumbasf
s=0&loadtime=0&wmode=window&fupdate=1&cwm=0&ctp=0&qd=2"></script><
/div></div>
    $CMS_ELSEIF(st_video.skin.equals("3"))$
        <div style="width:500px"><div><script
type="text/javascript"
src="http://www.movingimage24.de/videojs_$CMS_VALUE(st_video.media
.meta.get("m_video_id").getEditor().get(#global.language))$?width=

```



```

eo_height, default:"307") $&player=v2&scwm=4&adbtn=0&adbtn2=0&adbtn5
=0&chapter=0&overlays=0&cbarPlayPauseFlag=0&cbarTrackFlag=0&cbarTi
meTotalFlag=0&rtimer=1&cbarTimeDurationFlag=0&cbarvolumeBarFlag=0&
volumeBtn=0&cbarFullScreenFlag=0&qs=2&bg=D7DBE3&bg2=D7DBE3&ctlstyl
e=none&fg=2f3745&ctcb1=2f3745&ctcb2=ffffff&ctcb3=ffffff&ctcb4=ffff
ff&ctcb5=ffffff&ctcb6=807e7e&ctcb7=424141&ctg1=393838&ctg2=b2b1b1&
ctg3=ffffff&ctg4=000000&ctg5=70&ctab1=969595&ctab2=424141&ctab3=a1
a0a0&ctab4=747373&ctab5=ffffff&ctab6=ffffff&lc=000000&start=0&volu
me=70&thumbasfs=0&loadtime=0&wmode=window&fupdate=1&cwm=0&ctp=0&qd
=2"></script></div></div>

    $CMS_ELSE$

        <div style="width:500px"><div><script
type="text/javascript"
src="http://www.movingimage24.de/videojs_$CMS_VALUE(st_video.media
.meta.get("m_video_id").getEditor().get(#global.language)) $?width=
$CMS_VALUE(st_video_width, default:"500") $&height=$CMS_VALUE(st_vid
eo_height, default:"307") $&player=v2&scwm=4&adbtn=0&adbtn2=0&adbtn5
=0&chapter=1&overlays=1&cbarPlayPauseFlag=1&cbarTrackFlag=1&cbarTi
meTotalFlag=1&cbarTimeDurationFlag=1&cbarvolumeBarFlag=1&volumeBtn
=1&cbarFullScreenFlag=1&bg=D7DBE3&bg2=D7DBE3&ctlstyle=none&fg=2f37
45&ctcb1=2f3745&ctcb2=ffffff&ctcb3=ffffff&ctcb4=ffffff&ctcb5=fffff
f&ctcb6=807e7e&ctcb7=424141&ctg1=393838&ctg2=b2b1b1&ctg3=ffffff&ct
g4=000000&ctg5=70&ctab1=969595&ctab2=424141&ctab3=a1a0a0&ctab4=747
373&ctab5=ffffff&ctab6=ffffff&lc=000000&start=0&volume=70&thumbasf
s=0&loadtime=0&wmode=window&fupdate=1&cwm=0&ctp=0&qd=2"></script><
/div></div>

    $CMS_END_IF$

$CMS_END_IF$

</div>

```

6.4 Sync script

```

#! executable-class
VideoManagementSyncMetadataExecutable

```

