

# Plugin *VideoManager*

## Documentation

<b>Date of Release</b>	09.03.2015
<b>Document-Version</b>	1.1
<b>Plugin-Version:</b>	1.2.0 and above
<b>Author:</b>	Theodor Truffer, studer + raimann ag

## Changes

### Version 1.0, 09.03.2015

ttx

- created

### Version 1.1, 03.09.2015

ttx

- added changes for versions 1.1-1.2
- updated a few screenshots

## Table of contents

1	Introduction.....	4
1.1	Supported ILIAS-Versions.....	4
2	Feature Overview.....	4
3	Installation.....	5
3.1	MediaConverter.....	5
3.2	FFmpeg.....	5
3.3	VideoManager.....	5
3.4	VideoTME (optional).....	5
4	Usage of the Plugin.....	6
4.1	Administration.....	6
4.1.1	Add new folder / video.....	6
4.1.2	Delete/move/edit folder or video.....	6
4.2	Channels.....	7
4.2.1	Search and watch video.....	7
4.2.2	Subscribe to category.....	8

## 2 Introduction

The VideoManager-Plugin allows Administrators to create a folder structure and upload videos and has a user interface to search and view the uploaded videos.

### 2.1 Supported ILIAS-Versions

Currently the plugin supports ILIAS versions 5.0.x and 5.1.x.

## 3 Feature Overview

PL-Version	Changes
1.0.0	KeyFeatures: <ul style="list-style-type: none"> <li>• Creating folders and uploading videos</li> <li>• Formats supported: mp4, webm, flv, 3pg</li> <li>• MediaConverterPlugin: Automatic converting of videos to mp4 and webm via cronjob</li> <li>• Search videos</li> <li>• Videoplayer Interface with related videos</li> <li>• Video rating</li> <li>• Category Subscription</li> <li>• VideoManagerTMEPlugin: insert videos from VideoManager inside a TextMediaEditor</li> </ul> Support for ILIAS 5.0
1.1.0	Key-Changes: <ul style="list-style-type: none"> <li>• View-Counter for videos</li> <li>• Small GUI changes</li> <li>• Channel Statistics</li> </ul>
1.2.0	Key-Changes: <ul style="list-style-type: none"> <li>• Hide Categories</li> <li>• Choose video poster</li> <li>• VideoManagerTMEPlugin: Added Role 'VideoManagerTME' to restrict inserting of videos</li> </ul> Support for ILIAS 5.1

## 4 Installation

### 4.1 FFmpeg

In order for the plugins to properly, the ffmpeg library has to be installed on your server. If not yet installed, you can download it from the official ffmpeg website: <https://www.ffmpeg.org/download.html>

If you're using an older version of ffmpeg, the plugins may also not work correctly so it's recommended to update to the latest version.

Please check the path to the ffmpeg-Library in your ILIAS-Setup.

In Ubuntu 14.04 you need to install libav-tools and set the ffmpeg-Path in ILIAS to avconv

### 4.2 VideoManager

To install the VideoManager, change back to your ILIASRootDirectory and install it using the following commands:

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
cd Customizing/global/plugins/Services/UIComponent/UserInterfaceHook/
git clone https://github.com/studer-raimann/VideoManager.git
```

Navigate to the ILIAS Administration and activate the plugin.

### 4.3 MediaConverter

This plugin requires installation of the MediaConverterPlugin. Change to your ILIASRootDirectory and install the plugin using the following commands:

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Services/Cron/CronHook/
cd Customizing/global/plugins/Services/Cron/CronHook/
git clone https://github.com/studer-raimann/MediaConverter.git
```

Navigate to the ILIAS Administration and activate the plugin. You may also have to setup a cron service which runs once every minute.

### 4.4 VideoTME (optional)

This is an additional Plugin, which allows you to insert videos from the VideoManager in every Text MediaEditor Plugin. It is not required to run the VideoManager.

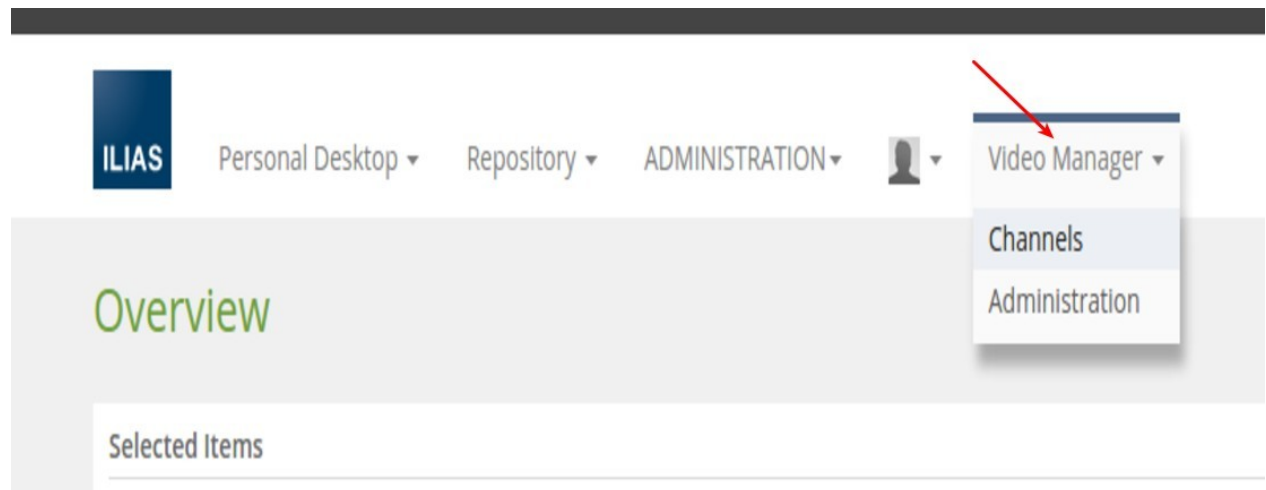
To install the VideoTME, change back to your ILIASRootDirectory and use the following commands:

```
cd /PATH/TO/ILIAS/ROOT
mkdir -p Customizing/global/plugins/Services/COPage/PageComponent/
```

```
cd Customizing/global/plugins/Services/COPage/PageComponent/  
git clone https://github.com/studer-raimann/VideoManagerTME.git
```

## 5 Usage of the Plugin

The Plugin creates a dropdown menu in the ILIAS main menu to access the user interface (Channels) and the administration portal (Administration).

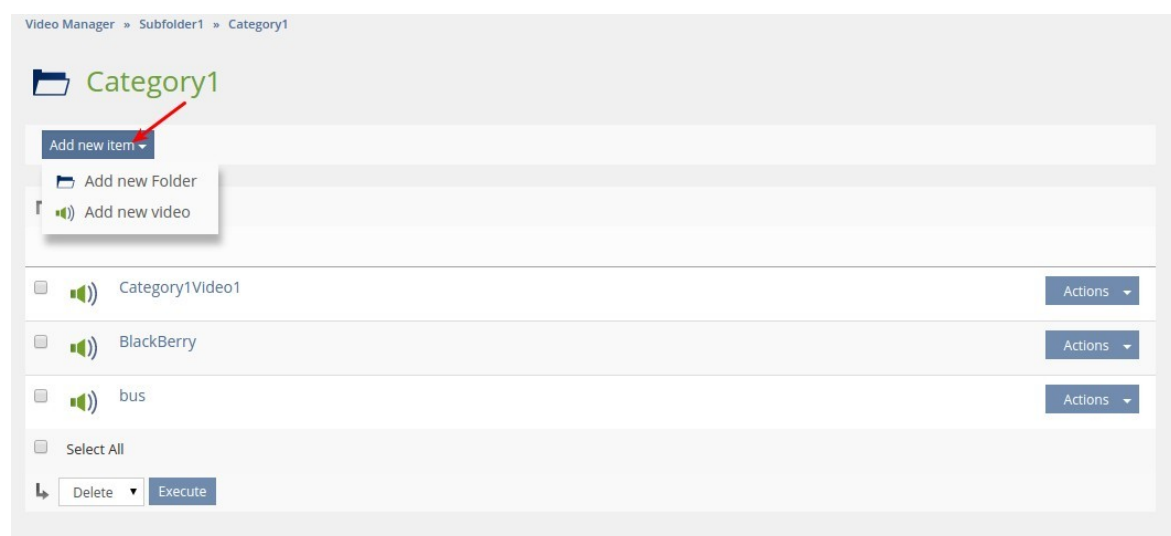


### 5.1 Administration

Choose „Administration“ from the dropdown menu.

#### 5.1.1 Add new folder / video

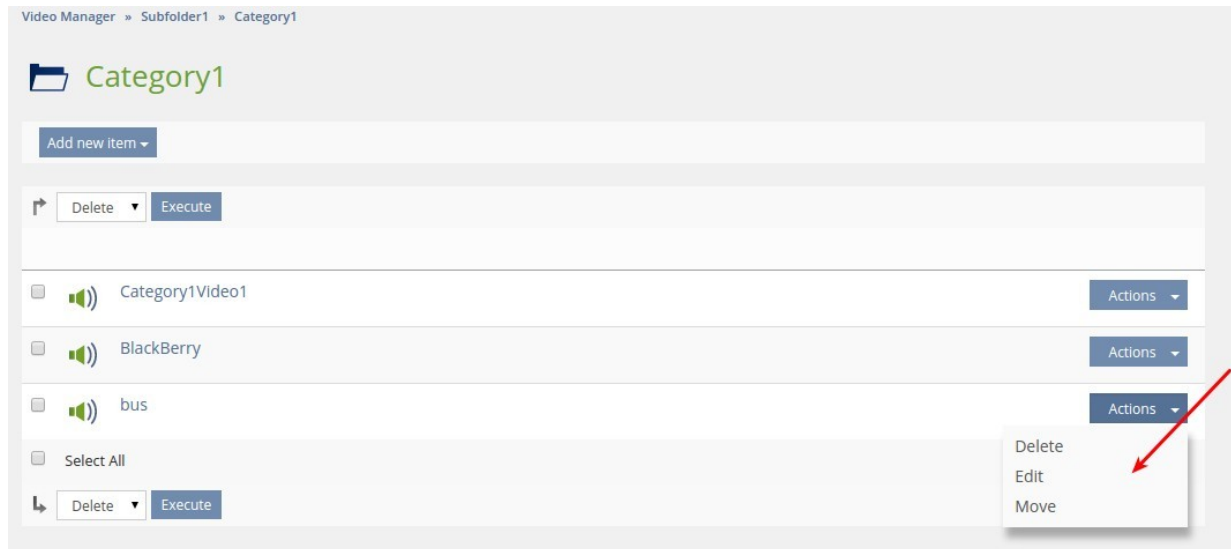
Choose from the dropdown „Add new item“, if you want to add a new folder or upload a new video. You will get to a simple form to create a folder, upload a video respectively.



#### 5.1.2 Delete/move/edit folder or video

Either choose an action from the Actions button on the right side, as shown in the picture below or to move/delete multiple objects you can also check the checkboxes on the left side and choose an action

in the selectable menu. If you select edit, you can change the name and description of the folder/video or in case of a video add tags.

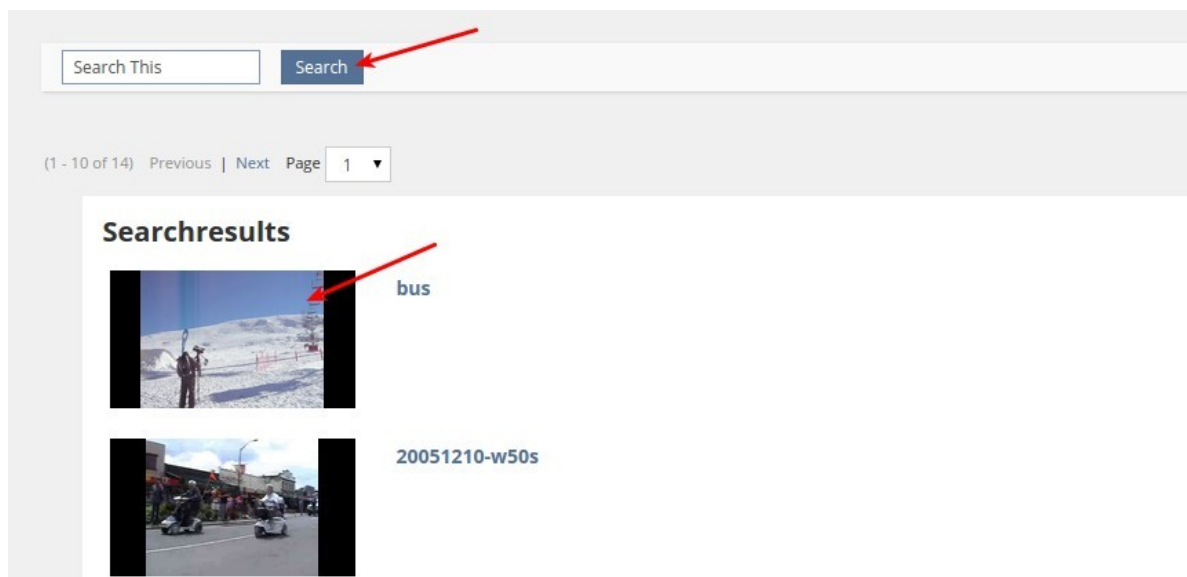


## 5.2 Channels

Choose „Channels“ from the dropdown menu.

### 5.2.1 Search and watch video

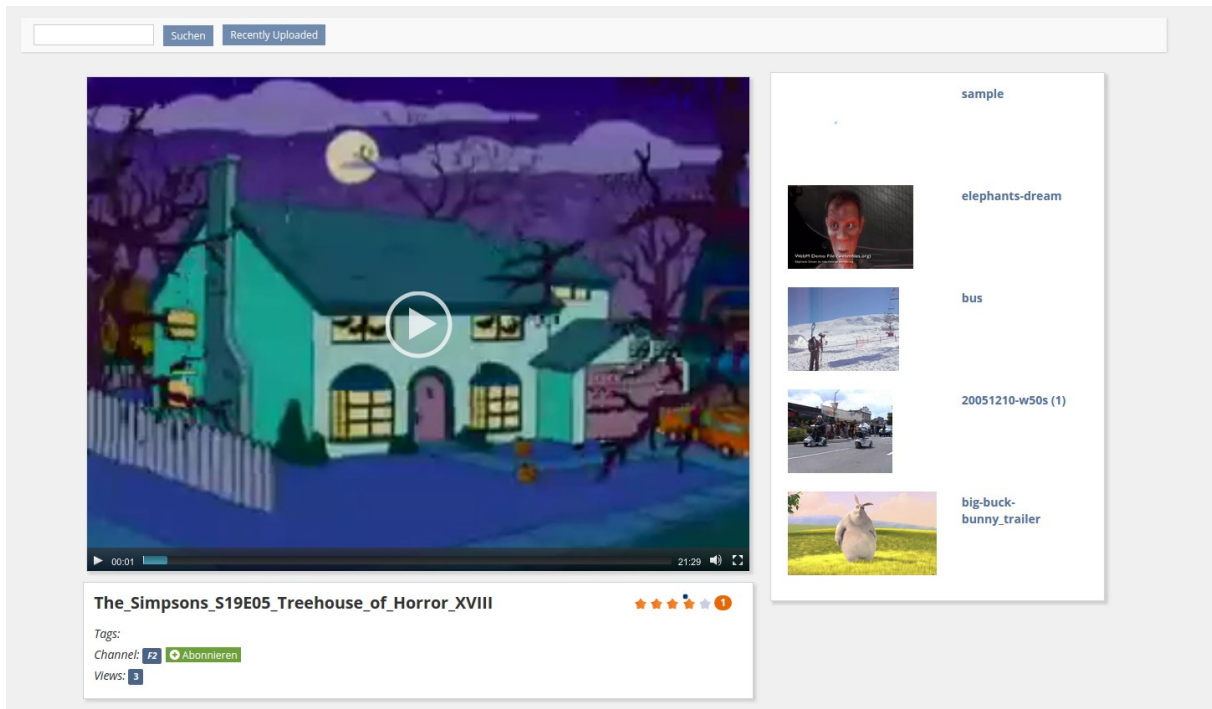
With the text box on the toolbar you can search for videos. The entered terms will be searched in the names and tags of the uploaded videos. To watch a video, simply click on the name or the picture.





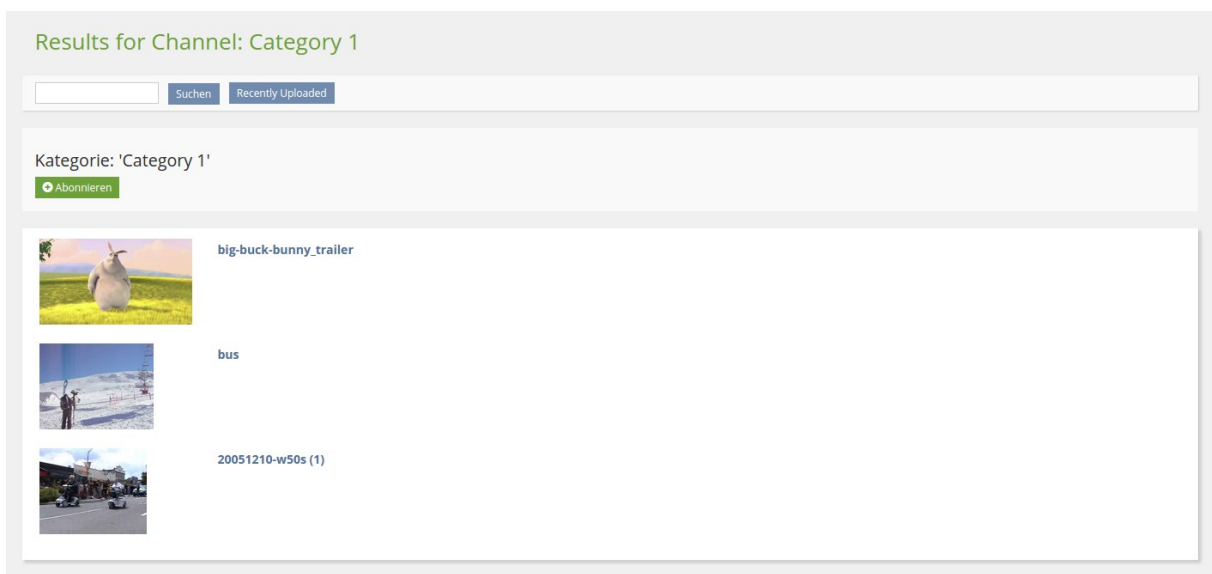
### 5.2.2 Subscribe to category

While playing a video you can see in the box below the video to which category a video belongs. Click on the category's name to show all videos in this category or on the button 'Subscribe' to get subscribed to this category.



The screenshot shows a video player interface. The main video is titled "The Simpsons\_S19E05\_Treehouse\_of\_Horror\_XVIII" and has a play button in the center. Below the video, there are tags, a channel name "f2", and a green "Abonnieren" button. To the right of the video, there is a sidebar with a list of categories and their corresponding video thumbnails. The categories listed are "sample", "elephants-dream", "bus", "20051210-w50s (1)", and "big-buck-bunny\_trailer".

While browsing a category, you can also describe to . Once subscribed, the sentence will change to „Unsubscribe“, to allow you to unsubscribe again.



The screenshot shows a category page titled "Results for Channel: Category 1". It features a search bar with "Suchen" and "Recently Uploaded" buttons. Below the search bar, it says "Kategorie: 'Category 1'" and has a green "Abonnieren" button. The main content area displays a list of video thumbnails and their titles: "big-buck-bunny\_trailer", "bus", and "20051210-w50s (1)".

If you're subscribed to a category and a new video gets uploaded, you'll receive an email notification:

