ADAMS

Advanced **D**ata mining **A**nd **M**achine learning **S**ystem

Module: adams-ffmpeg

Peter Reutemann

January 10, 2024

©2018

THE UNIVERSITY OF
WAIKATO
Te Whare Wānanga o Waikato

Except where otherwise noted, this work is licensed under
http://creativecommons.org/licenses/by-sa/4.0/

Contents

1 Introduction **5**

2 Flow **7**

Bibliography **9**

Chapter 1

Introduction

The *adams-ffmpeg* module allows you to take advantage of the ffmpeg[2] command-line tool for converting audio and video.

Chapter 2

Flow

Available standalones:

- *FFmpegConfig* – for specifying the avconv/ffmpeg executable to be used for all operations in the scope.

Available sinks:

- *FFmpeg* – actor for processing audio and video files using ffmpeg.

The following plugins are available for the FFmpeg sink:

- *ConvertAudio* – for converting audio files.
- *GenericPlugin* – for executing any ffmpeg operation, simply by providing input and output options.[1]
- *MovieFromImages* – turns images in a directory that match a pattern into a movie.[2]

[1] adams-ffmpeg_mp3_to_wav.flow
[2] adams-ffmpeg-video.flow

Bibliography

[1] *ADAMS* – Advanced Data mining and Machine learning System
`https://adams.cms.waikato.ac.nz/`

[2] *ffmpeg* – A complete, cross-platform solution to record, convert and stream audio and video.
`https://ffmpeg.org/`