

ADAMS

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

Module: adams-ffmpeg



Peter Reutemann

December 2, 2021

©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

¹adams-ffmpeg-mp3_to_wav.flow

²adams-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/>