



Fluendo  
**CODECPACK**

**The leading  
provider of  
Multimedia  
Solutions based  
on GStreamer**



Fluendo

# EMPOWER YOUR PLATFORM WITH A LEGAL MULTIMEDIA SOLUTION



The Fluendo Codec Pack takes advantage of the complete set of plugins included in the ONEPLAY Codec Pack and complements them with new add-ons related to encoding and streaming purposes.

The Fluendo Codec Pack aims to satisfy the requirements of those OEMs which only need to integrate specific multimedia plugins into their hardware/software solutions.

## Tailored Packages

Fluendo offers the flexibility to create customized Codec Packs, in order to meet our clients requirements: they can select specific audio and/or video plugins which can be embedded in their platforms whatever its nature (PC, laptops, thin clients, set-top-boxes...).

## Legal gap coverage

Fluendo Codec Pack is a complete set of GStreamer plugins which are necessary to play legally certain audio and video formats when either the SoC (system-on-chip) manufacturer, the operating system, the browser engine or the player does not include support for these formats. Multimedia codecs included in the Fluendo Codec Pack are made available together with their respective patent licenses and provided by the most important multimedia patent holders.

## Easy integration

The Fluendo Codec Pack can be installed as Plug and Play. The mandatory requirement for an easy integration is that GStreamer must be present in your environment (video edition applications, backend for HTML5...).

## DVD Enabler

The Fluendo Codec Pack includes the required technology (muxers and decoders) to create your legal DVD solution with an enhanced multimedia experience.

## Encoding & muxing

The Fluendo Codec Pack includes, along with playback elements, a set of encoding and muxing GStreamer elements.

## Cross Platform Multimedia Solution

The Fluendo Codec Pack can be installed as Plug and Play. The mandatory requirement for an easy integration is that GStreamer must be present in your environment (video edition applications, backend for HTML5...).

## DRM Support

The Fluendo Codec Pack includes, along with playback elements, a set of encoding and muxing GStreamer elements.

# Technical specifications

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## ENCODERS INCLUDED

MP3 encoder

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Windows Media Video encoder

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Windows Media Audio encoder

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AAC encoder

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Dolby Digital (AC3) encoder

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H264 encoder

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## DEMUXERS INCLUDED

ASF Demuxer

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MPEG Demuxer

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MPEG DASH Demuxer

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## MUXERS INCLUDED

ASF Muxer

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## MEDIA PLAYBACK

DVD Playback

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## DECODERS INCLUDED

Microsoft Windows Media Video decoder (7, 8, 9 and VC1)

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Microsoft Windows Media Audio decoder (7, 8, 9, 10, Pro, Lossless and Speech)

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Dolby Digital and Dolby Digital Plus (EAC3/AC3 ) audio decoder (Totem only)

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Hardware accelerated video decoder (H.264, MPEG2, MPEG4, VC1 depending on the hardware/API: DXVA2, VDPAU, VAAPI, XvBA, VDA, VT, QuickSync)

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iLBC audio decoder

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LPCM audio decoder

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MPEG4 video decoder

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MPEG2 video decoder

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MP3 audio decoder

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DivX3 decoder

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AVC/H.264 decoder

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HEVC/H.265 decoder

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AAC/HE-AAC Audio decoder

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ADPCM decoder

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## SUBTITLES INCLUDED

TTML subtitle support

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## DRM SYSTEMS

MPEG DASH Common Encryption (PlayReady, Widevine and Marlin)

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PlayReady in Smooth Streaming demuxer

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PlayReady in ASF demuxer

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## SOURCES INCLUDED

Microsoft RTP extensions

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Microsoft MMS

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Microsoft MSB protocol support

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## SUPPORTED OPERATING SYSTEMS

Linux - Major distributors: Red Hat, Ubuntu, Suse, Mandriva, etc. As long as it has GBLIC version later than 2.4

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Windows - starting from XP

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OSX - starting from OS X Snow Leopard (10.6)

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Android - starting from Android 2.3.1 Gingerbread

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iOS - starting from iOS 6.0

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## MINIMUM SYSTEM REQUIREMENTS

GStreamer 0.10.3 or higher and glibc 2.4

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## SUPPORTED PROCESSORS

Intel (32-bit & 64-bit)

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ARM (32-bit & 64-bit)

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