



ContentArmor Video Watermarking

Live Profiler v2.0 – Open Source Notice



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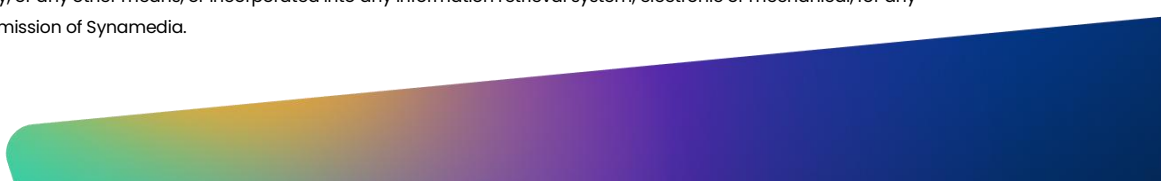
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Contents

1	About this Document	5
1.1	Open Software.....	5
1.2	Overview of Each Library.....	5
1.2.1	Linux kernel	5
1.2.2	GStreamer & GLib Ecosystem.....	5
1.2.3	Standard Runtime Libraries.....	5
1.2.4	Security / Cryptography.....	6
1.2.5	FFmpeg Multimedia Libraries.....	6
1.2.6	Compression / Archive Handling.....	6
1.2.7	Data Formats	6
1.2.8	Scientific / Numeric	6
1.2.9	System / Filesystem	7
1.2.10	Dynamic Loader	7
2	License Text Verbatim	8
2.1	Apache License 2.0 (for OpenSSL libcrypto).....	8
2.2	BSD-2-Clause (for libarchive, LZ4)	8
2.3	BSD-3-Clause (for Zstandard).....	9
2.4	zlib License.....	10
2.5	MIT License (for libxml2, libffi)	10
2.6	LGPL-2.1 (for GLib/GObject/GModule, GStreamer, FFmpeg, glibc when applicable)	11
2.7	GCC Runtime Library Exception (for libgcc_s, libgfortran)	11
2.8	Public Domain (for liblzma core)	11
3	Source Code Availability (FFmpeg under LGPL)	12
4	Contact.....	13

1 About this Document

This document lists the open source software used in the release 2.0 of ContentArmor Live Profiler library.

1.1 Open Software

The release 2.0 of the Live Profiler product (the “Product”) makes use of Open Source Software whose complete list is given in the following overview and which are subject to Open Source Software license terms.

Such Open Source Software may change in the future versions of the software.

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1.2 Overview of Each Library

1.2.1 Linux kernel

linux-vdso.so.1: A virtual dynamic shared object provided directly by the Linux kernel to speed up certain system calls (e.g., `gettimeofday()`) without switching to kernel mode.

1.2.2 GStreamer & GLib Ecosystem

libgstreamer-1.0.so.0: Core GStreamer multimedia framework library. Provides the pipeline system for audio/video processing.

libgstbase-1.0.so.0: Base classes for GStreamer elements — used by plugins to implement common behavior.

libgobject-2.0.so.0: Part of GLib; provides an object system with signals, properties, and type introspection.

libglib-2.0.so.0: Low-level core utility library (data structures, main loops, portability wrappers).

libgmodule-2.0.so.0: Module (plugin) loading support for GLib.

1.2.3 Standard Runtime Libraries

libstdc++.so.6: C++ standard library implementation (`std::vector`, `std::string`, exceptions, etc.).

libgcc_s.so.1: Low-level support routines required by GCC (exception handling, stack unwinding).

libc.so.6: The GNU C Library (glibc) — core system calls, memory allocation, string operations.

libm.so.6: Math library (sin, cos, sqrt, exp, etc.).

libffi.so.8: Foreign Function Interface — allows calling functions at runtime with dynamic signatures.

libpcre2-8.so.0: Perl-compatible regular expression engine (8-bit variant).

1.2.4 Security / Cryptography

libcrypto.so.3: OpenSSL low-level cryptographic library — hashing, encryption, TLS primitives.

1.2.5 FFmpeg Multimedia Libraries

libavformat.so.61: Demuxing/muxing: reading/writing media containers (e.g., MP4, MKV, AVI).

libavcodec.so.61: Audio/video codecs (H.264, AAC, etc.).

libswresample.so.5: Audio resampling (sample rate conversion, format changes).

libavutil.so.59: Common utility code for FFmpeg (math, buffers, data structures).

libswscale.so.8: Image scaling and color conversion routines.

1.2.6 Compression / Archive Handling

libz.so.1: zlib compression (DEFLATE, gzip).

liblzma.so.5: XZ / LZMA compression.

libzstd.so.1: Zstandard compression library.

liblz4.so.1: LZ4 high-speed compression.

libbz2.so.1: bzip2 compression.

libarchive.so.13: Library for reading/writing archive formats like tar, cpio, pax, zip.

1.2.7 Data Formats

libxml2.so.2: XML parsing library (DOM, SAX, XPath, XSLT support).

1.2.8 Scientific / Numeric

libgfortran.so.5: Fortran runtime library (used by scientific codes compiled with gfortran).

libtatlas.so.3: ATLAS (Automatically Tuned Linear Algebra Software): optimized BLAS/LAPACK routines.

1.2.9 System / Filesystem

libacl.so.1: POSIX Access Control Lists (extended file permissions).

libattr.so.1: Manipulation of filesystem extended attributes.

1.2.10 Dynamic Loader

/lib64/ld-linux-x86-64.so.2: The dynamic linker/loader that loads and links ELF executables at runtime.

2 License Text Verbatim

2.1 Apache License 2.0 (for OpenSSL libcrypto)

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Version 2.0, January 2004

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2.7 GCC Runtime Library Exception (for libgcc_s, libgfortran)

Your code is not subject to GPL merely by linking to these runtime libraries. Full text:

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2.8 Public Domain (for liblzma core)

liblzma core is in the public domain. No license obligations apply.

3 Source Code Availability (FFmpeg under LGPL)

We will host or provide, upon request, the exact corresponding FFmpeg source code used to build the distributed binaries, along with build configuration details.

4 Contact

For questions or to request corresponding sources where applicable, contact: support@synamedia.com

