

## License Compliance

Required information as per the licenses of used algorithm and libraries

Product:	Guiliani Streaming Editor (GSE)
Release version:	2.4
Release date:	April 6, 2021

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## 1 Introduction

This document provides compliance information as required by the libraries used by GSE, Guiliani and eGaC.

## 2 Used algorithms

### 2.1 md5

All use of md5 checksum algorithm is derived from the RSA Data Security, Inc. MD5 Message-Digest Algorithm.

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### 2.2 AES

Copyright (c) 2007-2009 Ilya O. Levin, <http://www.literatecode.com>

Other contributors: Hal Finney

## 3 Used libraries:

### 3.1 libjpeg

This software is copyright (C) 1991-2011, Thomas G. Lane, Guido Vollbeding.

See Appendix A for further information.

### 3.2 libgif

The GIFLIB distribution is Copyright (c) 1997 Eric S. Raymond

See Appendix B for further information.

### 3.3 libpng

libpng versions 1.0.7, July 1, 2000, through 1.2.5, October 3, 2002,

are Copyright (c) 2000-2002 Glenn Randers-Pehrson

See Appendix C for further information.

### 3.4 zlib

(C) 1995-2010 Jean-loup Gailly and Mark Adler

See Appendix D for further information.

### 3.5 freetype

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

See Appendix F for further information.

### 3.6 jpegdecoder

Copyright © 1994-2000 Rich Geldreich ([richgel@voicenet.com](mailto:richgel@voicenet.com))

The Guiliani component is compiled against version 0.93b of Rich Geldreich's jpegdecoder library, available at <http://www.subquantumtech.com/jpeg/>.

See Appendix E for further information.

## 4 Used libraries by component:

### 4.1 eGaC (all Platforms):

#### 4.1.1 libjpeg

The eGaC component contains an unmodified version 6b of the IJG JPEG library, available at <http://www.ijg.org/>.

See Appendix A for further information.

#### 4.1.2 libgif

The eGaC component contains an unmodified version 4.1 of the giflib, available at <http://sourceforge.net/projects/giflib/develop>.

See Appendix B for further information.

#### 4.1.3 libpng

The eGaC component contains an unmodified version 1.2.25 of the libpng, available at <http://www.libpng.org/pub/png/libpng.html>.

See Appendix C for further information.

#### 4.1.4 zlib

The eGaC component contains an unmodified version 1.2.8 of the zlib, available at <http://zlib.net/>.

See Appendix D for further information.

### 4.2 Guiliani (Platform: Linux x86):

#### 4.2.1 jpegdecoder

The Guiliani component is compiled against version 0.93b of Rich Geldreich's jpegdecoder library, available at <http://www.subquantumtech.com/jpeg/>. A statically linkable .a file is supplied in the deps/lib/linux/pc directory.

See Appendix E for the full text of the LGPL version 2.1.

*Note that the following libraries are required for Guiliani to operate on x86 Linux:*

libpng (compiled against 1.2.35)

zlib (compiled against 1.2.8)

freetype (compiled against 2.6)

When linking a Guiliani application, these libraries will be obtained from the host system.

### 4.3 Guiliani (Platform: Windows):

#### 4.3.1 jpegdecoder

The Guiliani component is compiled against version 0.93b of Rich Geldreich's jpegdecoder library, available at <http://www.subquantumtech.com/jpeg/>. A statically linkable .lib file is supplied in the deps/lib/win/pc directory.

## 4.3.2 libpng

The Guiliani component is compiled against version 1.2.35 of the libpng, available at <http://www.libpng.org/pub/png/libpng.html>. A statically linkable .lib file is supplied in the deps/lib/win/pc directory.

## 4.3.3 zlib

The Guiliani component is compiled against version 1.2.3 of the zlib, available at <http://zlib.net/>. A statically linkable .lib file is supplied in the deps/lib/win/pc directory.

## 4.3.4 freetype

The Guiliani component is compiled against version 2.6 the FreeType library, available at <http://freetype.sourceforge.net/index2.html>. A statically linkable .lib file is supplied in the deps/lib/win/pc directory.

See Appendix F for further information.

## 4.4 Guiliani (Platform: Renesas SH7724)

### 4.4.1 jpegdecoder

The Guiliani component is compiled against version 0.93b of Rich Geldreich's jpegdecoder library, available at <http://www.subquantumtech.com/jpeg/>. A statically linkable .a file is supplied in the deps/lib/linux/renesas7724 directory.

### 4.4.2 libpng

The Guiliani component is compiled against version 1.2.35 of the libpng, available at <http://www.libpng.org/pub/png/libpng.html>. A statically linkable .a file is supplied in the deps/lib/linux/renesas7724 directory.

### 4.4.3 zlib

The Guiliani component is compiled against version 1.2.3 of the zlib, available at <http://zlib.net/>. A statically linkable .a file is supplied in the deps/lib/linux/renesas7724 directory.

### 4.4.4 freetype

The Guiliani component is compiled against version 2.3.2 the FreeType library, available at <http://freetype.sourceforge.net/index2.html>. A statically linkable .a file is supplied in the deps/lib/linux/renesas7724 directory.

## 5 Appendixes:

### 5.1 Appendix A (excerpt from README file of the IJG JPEG library version 8c):

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=====

In plain English:

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The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

We are required to state that  
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Simon-Pierre Cadieux  
Eric S. Raymond  
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A "png\_get\_copyright" function is available, for convenient use in "about" boxes and the like:

```
printf("%s",png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png" and "pngbar.jpg" (88x31) and "pngnow.png" (98x31).

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Glenn Randers-Pehrson  
randeg@alum.rpi.edu  
October 3, 2002

## 5.4 Appendix D (copyright notice from the README file of the zlib version 1.2.8):

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Jean-loup Gailly                    Mark Adler  
jloup@zip.org                    madler@alumni.caltech.edu

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Version 2.1, February 1999

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2006-Jan-27

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