# Third party libraries

Please keep categories (## level) listed alphabetically and matching their respective folder names. Use two empty lines to separate categories for readability.

#### amd-fsr

- Upstream: https://github.com/GPUOpen-Effects/FidelityFX-FSR
- Version: 1.0.2 (a21ffb8f6c13233ba336352bdff293894c706575, 2021)
- · License: MIT

Files extracted from upstream source:

- ffx\_a.h and ffx\_fsr1.h from ffx-fsr
- license.txt

### basis\_universal

- Upstream: <a href="https://github.com/BinomialLLC/basis universal">https://github.com/BinomialLLC/basis universal</a>
- Version: git (1531cfaf9ed5232248a0a45736686a849ca3befc, 2022)
- License: Apache 2.0

Files extracted from upstream source:

- encoder/ and transcoder/ folders
- LICENSE

#### brotli

- Upstream: <a href="https://github.com/google/brotli">https://github.com/google/brotli</a>
- Version: git (f4153a09f87cbb9c826d8fc12c74642bb2d879ea, 2022)
- License: MIT

Files extracted from upstream source:

- common/, dec/ and include/ folders
- LICENSE

#### certs

- Upstream: Mozilla, via <a href="https://github.com/bagder/ca-bundle">https://github.com/bagder/ca-bundle</a>
- Version: git (8b263a18fca98ea371e54227837321c5cdaa1ba7, 2021)
- License: MPL 2.0

#### cvtt

- Upstream: <a href="https://github.com/elasota/ConvectionKernels">https://github.com/elasota/ConvectionKernels</a>
- Version: git (dc2dbbe0ae2cf2be06ef56d1021e2222a56c7fe2, 2021)
- License: MIT

Files extracted from upstream source:

• all .cpp, .h, and .txt files except the folders MakeTables and etc2packer.

### doctest

• Upstream: https://github.com/onqtam/doctest

• Version: 2.4.4 (97d5a9447e66cd5e107b7a6c463be4a468a40496, 2020)

· License: MIT

Extracted from .zip provided. Extracted license and header only.

#### embree

• Upstream: <a href="https://github.com/embree/embree">https://github.com/embree/embree</a>

• Version: 3.13.1 (12b99393438a4cc9e478e33459eed78bec6233fd, 2021)

• License: Apache 2.0

Files extracted from upstream:

• All cpp files listed in modules/raycast/godot update embree.py

• All header files in the directories listed in modules/raycast/godot\_update\_embree.py

The <code>modules/raycast/godot\_update\_embree.py</code> script can be used to pull the relevant files from the latest Embree release and apply some automatic changes.

Some changes have been made in order to remove exceptions and fix minor build errors. They are marked with //
-- GODOT start -- and // -- GODOT end -- comments. Apply the patches in the patches/ folder when syncing on newer upstream commits.

#### enet

• Upstream: http://enet.bespin.org

Version: 1.3.17 (e0e7045b7e056b454b5093cb34df49dc4cee0bee, 2020)

• License: MIT

Files extracted from upstream source:

- all .c files in the main directory (except unix.c win32.c)
- the include/enet/ folder as enet/ (except unix.h win32.h)
- LICENSE file

Important: enet.h, host.c, protocol.c have been slightly modified to be usable by Godot's socket implementation and allow IPv6 and DTLS. Apply the patches in the patches/ folder when syncing on newer upstream commits.

Three files (godot.cpp, enet/godot.h, enet/godot\_ext.h) have been added to provide enet socket implementation using Godot classes.

It is still possible to build against a system wide ENet but doing so will limit its functionality to IPv4 only.

### etcpak

• Upstream: <a href="https://github.com/wolfpld/etcpak">https://github.com/wolfpld/etcpak</a>

• Version: git (7c3cb6fe708d4ae330b0ab2af1ad472bae2a37a2, 2021)

• License: BSD-3-Clause

Files extracted from upstream source:

• Only the files relevant for compression (i.e. Process\*.cpp and their deps):

```
Dither.{cpp,hpp} ForceInline.hpp Math.hpp ProcessCommon.hpp ProcessRGB.
{cpp,hpp}
```

```
ProcessDxtc.{cpp,hpp} Tables.{cpp,hpp} Vector.hpp
```

• AUTHORS.txt and LICENSE.txt

#### **fonts**

- NotoSans\*.woff2 , NotoNaskhArabicUI \*.woff2 :
  - Upstream: <a href="https://github.com/googlefonts/noto-fonts">https://github.com/googlefonts/noto-fonts</a>
  - Version: v2017-10-24-phase3-second-cleanup
  - License: OFL-1.1
  - o Comment: Use UI font variant if available, because it has tight vertical metrics and good for UI.
- JetBrainsMono Regular.woff2:
  - Upstream: <a href="https://github.com/JetBrains/JetBrainsMono">https://github.com/JetBrains/JetBrainsMono</a>
  - o Version: 2.242
  - License: OFL-1.1
- DroidSans\*.woff2:
  - Upstream: <a href="https://android.googlesource.com/platform/frameworks/base/+/master/data/fonts/">https://android.googlesource.com/platform/frameworks/base/+/master/data/fonts/</a>
  - Version: ? (pre-2014 commit when DroidSansJapanese.ttf was obsoleted)
  - o License: Apache 2.0
- OpenSans\_SemiBold.woff2:
  - Upstream: <a href="https://fonts.google.com/specimen/Open+Sans">https://fonts.google.com/specimen/Open+Sans</a>
  - Version: 1.10 (downloaded from Google Fonts in February 2021)
  - o License: Apache 2.0
- All fonts are converted from the .ttf sources using https://github.com/google/woff2 tool.

### freetype

- Upstream: https://www.freetype.org
- Version: 2.11.1 (3f83daeecb1a78d851b660eed025eeba362c0e4a, 2021)
- License: FreeType License (BSD-like)

Files extracted from upstream source:

- the src/ folder, minus the .mk files and the dlg and tools subfolders
- the include/ folder, minus the dlg subfolder
- LICENSE.TXT and docs/FTL.TXT

### glslang

- Upstream: <a href="https://github.com/KhronosGroup/glslang">https://github.com/KhronosGroup/glslang</a>
- Version: 11.8.0 (c34bb3b6c55f6ab084124ad964be95a699700d34, 2022)
- License: glslang

Version should be kept in sync with the one of the used Vulkan SDK (see vulkan section). Check Vulkan-ValidationLayers at the matching SDK tag for the known good glslang commit: https://github.com/KhronosGroup/Vulkan-ValidationLayers/blob/master/scripts/known\_good.json\_

When updating, also review that our <code>modules/glslang\_resource\_limits.h</code> copy of <code>DefaultTBuiltInResource</code> is in sync with the one defined upstream in <code>StandAlone/ResourceLimits.cpp</code>.

Files extracted from upstream source:

- glslang (except glslang/HLSL and glslang/ExtensionHeaders ), OGLCompilersDLL ,
   SPIRV , w/o CInterface folders (depend on StandAlone )
- Run cmake . && make and copy generated include/glslang/build\_info.h to glslang/build info.h
- LICENSE.txt
- Unnecessary files like CMakeLists.txt, \*.m4 and updateGrammar removed.

# graphite

- Upstream: <a href="https://github.com/silnrsi/graphite">https://github.com/silnrsi/graphite</a>
- Version: 1.3.14 (80c52493ef42e6fe605a69dcddd2a691cd8a1380, 2021)
- License: MPL-2.0

Files extracted from upstream source:

- the include folder
- the src folder (minus CMakeLists.txt and files.mk)
- COPYING

#### harfbuzz

- Upstream: <a href="https://github.com/harfbuzz/harfbuzz">https://github.com/harfbuzz/harfbuzz</a>
- Version: 4.2.0 (9d5730b958974bc9db95e46e6bad52e9e9cd6e1c, 2022)
- · License: MIT

Files extracted from upstream source:

- the src folder
- AUTHORS , COPYING , THANKS

#### icu4c

- Upstream: <a href="https://github.com/unicode-org/icu">https://github.com/unicode-org/icu</a>
- Version: 70.1 (a56dde820dc35665a66f2e9ee8ba58e75049b668, 2021)
- License: Unicode

Files extracted from upstream source:

- the common folder
- LICENSE

Files generated from upstream source:

- the icudt701.dat built with the provided godot\_data.json config file (see
   https://github.com/unicode-org/icu/blob/master/docs/userguide/icu\_data/buildtool.md
- Step 1: Build ICU with default options ./runConfigureICU {PLATFORM} && make .
- Step 2: Reconfigure ICU with custom data config ICU\_DATA\_FILTER\_FILE= {GODOT\_SOURCE}/thirdparty/icu4c/godot\_data.json ./runConfigureICU {PLATFORM} -- with-data-packaging=common .
- Step 3: Delete data/out folder and rebuild data cd data && rm -rf ./out && make .

• Step 4: Copy source/data/out/icudt701.dat to the {GODOT SOURCE}/thirdparty/icu4c/icudt701.dat.

# jpeg-compressor

- Upstream: https://github.com/richgel999/jpeg-compressor
- Version: 2.00 (aeb7d3b463aa8228b87a28013c15ee50a7e6fcf3, 2020)
- License: Public domain or MIT

Files extracted from upstream source:

• jpgd\*.{c,h}

# libogg

• Upstream: https://www.xiph.org/ogg

• Version: 1.3.5 (e1774cd77f471443541596e09078e78fdc342e4f, 2021)

• License: BSD-3-Clause

Files extracted from upstream source:

- src/\*.{c,h}
- include/ogg/\*.h in ogg/ (run configure to generate config types.h)
- COPYING

# libpng

• Upstream: <a href="http://libpng.org/pub/png/libpng.html">http://libpng.org/pub/png/libpng.html</a>

• Version: 1.6.37 (a40189cf881e9f0db80511c382292a5604c3c3d1, 2019)

• License: libpng/zlib

Files extracted from upstream source:

- all .c and .h files of the main directory, except from example.c and pngtest.c
- the arm/ folder
- scripts/pnglibconf.h.prebuilt as pnglibconf.h
- LICENSE

#### libtheora

• Upstream: <a href="https://www.theora.org">https://www.theora.org</a>

Version: 1.1.1 (2010)License: BSD-3-Clause

Files extracted from upstream source:

- all .c, .h in lib/
- all .h files in include/theora/ as theora/
- COPYING and LICENSE

Upstream patches included in the patches directory have been applied on top of the 1.1.1 source (not included in any stable release yet).

#### libvorbis

- Upstream: https://www.xiph.org/vorbis
- Version: 1.3.7 (0657aee69dec8508a0011f47f3b69d7538e9d262, 2020)
- License: BSD-3-Clause

Files extracted from upstream source:

- lib/\* except from: lookups.pl , Makefile.\*
- include/vorbis/\*.h as vorbis/
- COPYING

# libwebp

- Upstream: https://chromium.googlesource.com/webm/libwebp/
- Version: 1.2.2 (b0a860891dcd4c0c2d7c6149e5cccb6eb881cc21, 2022)
- License: BSD-3-Clause

Files extracted from upstream source:

- src/\* except from: .am , .rc and .in files
- AUTHORS , COPYING , PATENTS

#### mbedtls

- Upstream: https://tls.mbed.org/
- Version: 2.16.12 (cf4667126010c665341f9e50ef691b7ef8294188, 2021)
- License: Apache 2.0

File extracted from upstream release tarball:

- All \*.h from include/mbedtls/ to thirdparty/mbedtls/include/mbedtls/ except config psa.h and psa util.h.
- All \*.c and \*.h from library/ to thirdparty/mbedtls/library/ except those starting with psa\_\*.
- LICENSE and apache-2.0.txt files.
- Applied the patch in patches/1453.diff (upstream PR: https://github.com/ARMmbed/mbedtls/pull/1453).
- Added 2 files godot\_core\_mbedtls\_platform.c and godot\_core\_mbedtls\_config.h providing configuration for light bundling with core.

### meshoptimizer

- Upstream: https://github.com/zeux/meshoptimizer
- Version: git (f4c356d79fadb99cbf432f7e199d823581b0e19e, 2021)
- License: MIT

Files extracted from upstream repository:

- All files in src/.
- LICENSE.md .

An <u>experimental upstream feature</u>, has been backported. On top of that, it was modified to report only distance error metrics instead of a combination of distance and attribute errors. Patches for both changes can be found in the patches directory.

# minimp3

- Upstream: https://github.com/lieff/minimp3
- Version: git (afb604c06bc8beb145fecd42c0ceb5bda8795144, 2021)
- License: CC0 1.0

Files extracted from upstream repository:

- minimp3.h
- minimp3 ex.h
- LICENSE

### miniupnpc

- Upstream: https://github.com/miniupnp/miniupnp
- Version: 2.2.3 (2df8120326ed4246e049a7a6de707539604cd514, 2021)
- License: BSD-3-Clause

Files extracted from upstream source:

- $\bullet$  Copy miniupnpc/src and miniupnpc/include to thirdparty/miniupnpc
- Remove the following test or sample files: listdevices.c minihttptestserver.c miniupnpcmodule.c upnpc.c upnperrors.\* test\*
- LICENSE

The only modified file is src/miniupnpcstrings.h, which was created for Godot (it is usually autogenerated by cmake). Bump the version number for miniupnpc in that file when upgrading.

### minizip

- Upstream: https://www.zlib.net
- Version: 1.2.12 (zlib contrib, 2022)
- License: zlib

Files extracted from the upstream source:

• contrib/minizip/{crypt.h,ioapi.{c,h},unzip.{c,h},zip.{c,h}}

Important: Some files have Godot-made changes for use in core/io. They are marked with <code>/\* GODOT start \*/</code> and <code>/\* GODOT end \*/</code> comments and a patch is provided in the <code>patches</code> folder.

#### misc

Collection of single-file libraries used in Godot components.

- clipper.{cpp,hpp}
  - Upstream: https://sourceforge.net/projects/polyclipping
  - Version: 6.4.2 (2017) + Godot changes (added optional exceptions handling)
  - o License: BSL-1.0
- cubemap\_coeffs.h
  - Upstream: <a href="https://research.activision.com/publications/archives/fast-filtering-of-reflection-probes">https://research.activision.com/publications/archives/fast-filtering-of-reflection-probes</a>
    File coeffs\_const\_8.txt (retrieved April 2020)
  - License: MIT

- fastlz.{c,h} • Upstream: https://github.com/ariya/FastLZ Version: 0.5.0 (4f20f54d46f5a6dd4fae4def134933369b7602d2, 2020) License: MIT hq2x.{cpp,h} • Upstream: <a href="https://github.com/brunexgeek/hqx">https://github.com/brunexgeek/hqx</a> Version: TBD, file structure differs o License: Apache 2.0 • ifaddrs-android.{cc,h} Upstream: https://chromium.googlesource.com/external/webrtc/stable/talk/+/master/base/ifaddrs-android.h • Version: git (5976650443d68ccfadf1dea24999ee459dd2819d, 2013) License: BSD-3-Clause mikktspace.{c,h} • Upstream: https://archive.blender.org/wiki/index.php/Dev:Shading/Tangent\_Space\_Normal\_Maps/ Version: 1.0 (2011) o License: zlib FastNoiseLite.h} • Upstream: <a href="https://github.com/Auburn/FastNoiseLite">https://github.com/Auburn/FastNoiseLite</a> • Version: git (6be3d6bf7fb408de341285f9ee8a29b67fd953f1, 2022) + custom changes License: MIT pcg.{cpp,h} • Upstream: <a href="http://www.pcg-random.org">http://www.pcg-random.org</a> • Version: minimal C implementation, <a href="http://www.pcg-random.org/download.html">http://www.pcg-random.org/download.html</a> License: Apache 2.0 polypartition.{cpp,h} • Upstream: <a href="https://github.com/ivanfratric/polypartition">https://github.com/ivanfratric/polypartition</a> (src/polypartition. {cpp, h}) • Version: git (7bdffb428b2b19ad1c43aa44c714dcc104177e84, 2021) • Modifications: Change from STL to Godot types (see provided patch). License: MIT r128.h • Upstream: https://github.com/fahickman/r128 • Version: 1.4.4 (cf2e88fc3e7d7dfe99189686f914874cd0bda15e, 2020) o License: Public Domain or Unlicense smaz.{c,h} • Upstream: <a href="https://github.com/antirez/smaz">https://github.com/antirez/smaz</a> Version: git (2f625846a775501fb69456567409a8b12f10ea25, 2012) License: BSD-3-Clause • Modifications: use const char\* instead of char\* for input string smolv.h
- SMOIV.N
  - Upstream: <a href="https://github.com/aras-p/smol-v">https://github.com/aras-p/smol-v</a>
  - Version: git (4b52c165c13763051a18e80ffbc2ee436314ceb2, 2020)
  - License: Public Domain or MIT
- stb\_rect\_pack.h
  - Upstream: <a href="https://github.com/nothings/stb">https://github.com/nothings/stb</a>
  - Version: 1.01 (af1a5bc352164740c1cc1354942b1c6b72eacb8a, 2021)

- License: Public Domain or Unlicense or MIT
- yuv2rgb.h
  - Upstream: <a href="http://wss.co.uk/pinknoise/yuv2rgb/">http://wss.co.uk/pinknoise/yuv2rgb/</a> (to check)
  - Version: ?License: BSD

# msdfgen

- Upstream: <a href="https://github.com/Chlumsky/msdfgen">https://github.com/Chlumsky/msdfgen</a>
- Version: 1.9.2 (64a91eec3ca3787e6f78b4c99fcd3052ad3e37c0, 2021)
- License: MIT

Files extracted from the upstream source:

- msdfgen.h
- Files in core/ folder.
- LICENSE.txt and CHANGELOG.md

#### oidn

- Upstream: <a href="https://github.com/OpenImageDenoise/oidn">https://github.com/OpenImageDenoise/oidn</a>
- Version: 1.1.0 (c58c5216db05ceef4cde5a096862f2eeffd14c06, 2019)
- License: Apache 2.0

Files extracted from upstream source:

- common/\* (except tasking.\* and CMakeLists.txt)
- core/<sup>3</sup>
- include/OpenImageDenoise/\* (except version.h.in)
- LICENSE.txt
- mkl-dnn/include/\*
- mkl-dnn/src/\* (except CMakeLists.txt)
- weights/rtlightmap\_hdr.tza
- scripts/resource\_to\_cpp.py

Modified files: Modifications are marked with // -- GODOT start -- and // -- GODOT end -- . Patch files are provided in oidn/patches/ .

- core/autoencoder.cpp
- core/autoencoder.h
- core/common.h
- core/device.cpp
- core/device.h
- core/transfer\_function.cpp
- scripts/resource\_to\_cpp.py (used in modules/denoise/resource\_to\_cpp.py)

#### openxr

• Upstream: <a href="https://github.com/KhronosGroup/OpenXR-SDK">https://github.com/KhronosGroup/OpenXR-SDK</a>

- Version: 1.0.22 (458984d7f59d1ae6dc1b597d94b02e4f7132eaba, 2022)
- License: Apache 2.0

Files extracted from upstream source:

- include/
- src/common/
- src/loader/
- src/\*.{c,h}
- src/external/jsoncpp/include/
- src/external/jsoncpp/src/lib\_json/
- LICENSE and COPYING.adoc

#### Exclude:

- src/external/android-jni-wrappers and src/external/jnipp (not used yet)
- All CMake stuff: cmake/, CMakeLists.txt and \*.cmake
- All Gradle stuff: gradle, AndroidManifest.xml
- All following files (and their .license files): \*.{def,in,json,map,pom,rc}

## pcre2

- Upstream: http://www.pcre.org
- Version: 10.39 (35fee4193b852cb504892352bd0155de10809889, 2021)
- License: BSD-3-Clause

Files extracted from upstream source:

- Files listed in the file NON-AUTOTOOLS-BUILD steps 1-4
- All .h files in src/ apart from pcre2posix.h
- src/pcre2\_jit\_match.c
- src/pcre2\_jit\_misc.c
- src/sljit/
- AUTHORS and LICENCE

### recastnavigation

- Upstream: https://github.com/recastnavigation/recastnavigation
- Version: git (57610fa6ef31b39020231906f8c5d40eaa8294ae, 2019)
- License: zlib

Files extracted from upstream source:

- Recast/ folder without CMakeLists.txt
- License.txt

#### rvo2

- Upstream: <a href="https://github.com/snape/RVO2-3D">https://github.com/snape/RVO2-3D</a>
- Version: 1.0.1 (e3883f288a9e55ecfed3633a01af3e12778c6acf, 2016)
- License: Apache 2.0

Files extracted from upstream source:

- All .cpp and .h files in the src/ folder except for RVO.h, RVOSimulator.cpp and RVOSimulator.h
- LICENSE

Important: Some files have Godot-made changes; so to enrich the features originally proposed by this library and better integrate this library with Godot. Please check the file to know what's new.

# spirv-reflect

- Upstream: <a href="https://github.com/KhronosGroup/SPIRV-Reflect">https://github.com/KhronosGroup/SPIRV-Reflect</a>
- Version: git (1aceb6af56e74b92a00378842dda5c5a73f49a4b, 2022)
- License: Apache 2.0

Does not track Vulkan SDK releases closely, but try to package a commit newer than the matching glslang and Vulkan headers, just in case.

Files extracted from upstream source:

- spirv reflect.{c,h}
- include folder
- LICENSE

Some downstream changes have been made and are identified by // -- GODOT begin -- and // -- GODOT end -- comments. They can be reapplied using the patch included in the patches folder.

### squish

• Upstream: <a href="https://sourceforge.net/projects/libsquish">https://sourceforge.net/projects/libsquish</a>

• Version: 1.15 (r104, 2017)

• License: MIT

Files extracted from upstream source:

• all .cpp, .h and .inl files

Important: Some files have Godot-made changes. They are marked with // -- GODOT start -- and // -- GODOT end -- comments and a patch is provided in the squish/ folder.

#### tinyexr

- Upstream: <a href="https://github.com/syoyo/tinyexr">https://github.com/syoyo/tinyexr</a>
- Version: 1.0.1 (67010eae802211202d0797f4df2b809f4ba7442c, 2021)
- License: BSD-3-Clause

Files extracted from upstream source:

• tinyexr.{cc,h}

The tinyexr.cc file was modified to include zlib.h which we provide, instead of miniz.h as an external dependency.

### thorvg

- Upstream: https://github.com/Samsung/thorvg
- Version: 0.8.0 (41093c17b3cac440bdcc53f8b69abeb5734696b5, 2022)
- License: MIT

Files extracted from upstream source:

 $See \verb| thorvg/update-thorvg.sh| for extraction instructions. Set the version number and run the script.$ 

### vhacd

- Upstream: https://github.com/kmammou/v-hacd
- Version: git (1a49edf29c69039df15286181f2f27e17ceb9aef, 2020)
- License: BSD-3-Clause

Files extracted from upstream source:

- From src/VHACD Lib/: inc, public and src
- LICENSE

Some downstream changes have been made and are identified by // -- GODOT start -- and // -- GODOT end -- comments. They can be reapplied using the patches included in the whacd folder.

#### volk

- Upstream: https://github.com/zeux/volk
- Version: 1.3.204 (92ba7c9f112a82cecf452ebf4b7c46f149a5799e, 2022)
- License: MIT

Unless there is a specific reason to package a more recent version, please stick to tagged releases. All Vulkan libraries and headers should be kept in sync so:

- Update Vulkan SDK components to the matching tag (see "vulkan").
- Update glslang (see "glslang").
- Update spirv-reflect (see "spirv-reflect").

Files extracted from upstream source:

- volk.h, volk.c
- LICENSE.md

### vulkan

- Upstream: https://github.com/KhronosGroup/Vulkan-Headers
- Version: 1.3.204 (1dace16d8044758d32736eb59802d171970e9448, 2022)
- License: Apache 2.0

The vendored version should be kept in sync with volk, see above.

Files extracted from upstream source:

- include/
- LICENSE.txt

vk\_enum\_string\_helper.h is taken from the matching Vulkan-ValidationLayers SDK release: https://github.com/KhronosGroup/Vulkan-ValidationLayers/blob/master/layers/generated/vk\_enum\_string\_helper.h

vk\_mem\_alloc.h is taken from <a href="https://github.com/GPUOpen-LibrariesAndSDKs/VulkanMemoryAllocator">https://github.com/GPUOpen-LibrariesAndSDKs/VulkanMemoryAllocator</a> Version: 3.0.1-development (2022-03-28), commit 5b598e0a359381d7e2a94149210a1b7642024ae5 vk mem alloc.cpp is a Godot file and should be preserved on updates.

Patches in the patches directory should be re-applied after updates.

### wslay

- Upstream: <a href="https://github.com/tatsuhiro-t/wslay">https://github.com/tatsuhiro-t/wslay</a>
- Version: 1.1.1+qit (45d22583b488f79d5a4e598cc7675c191c5ab53f, 2021)
- License: MIT

File extracted from upstream release tarball:

- Run cmake . to generate config.h and wslayver.h . Contents might need tweaking for Godot, review diff.
- All \*.c and \*.h files from lib/
- All \*.h in lib/includes/wslay/ as wslay/
- wslay/wslay.h has a small Godot addition to fix MSVC build. See patches/msvcfix.diff
- COPYING

#### xatlas

- Upstream: https://github.com/jpcy/xatlas
- Version: git (ec707faeac3b95e6b416076a9509718cce105b6a, 2021)
- License: MIT

Files extracted from upstream source:

- source/xatlas/xatlas.{cpp,h}
- LICENSE

#### zlib

- Upstream: <a href="https://www.zlib.net">https://www.zlib.net</a>
- Version: 1.2.12 (2022)
- License: zlib

Files extracted from upstream source:

• all .c and .h files

#### zstd

- Upstream: <a href="https://github.com/facebook/zstd">https://github.com/facebook/zstd</a>
- Version: 1.5.0 (a488ba114ec17ea1054b9057c26a046fc122b3b6, 2021)
- License: BSD-3-Clause

Files extracted from upstream source:

- lib/{common/,compress/,decompress/,zstd.h,zstd errors.h}
- LICENSE