

# **OpenCL Manifest**

# Legend (explanation of the fields in the Manifest Table below)

Software Name	The name of the application or file				
Version	Version of the application or file				
License Type	Type of license(s) under which TI will be providing software to the licensee (e.g. BSD, GPLv2, TI TSPA License, TI Commercial License). See Open Source Reference License Disclaimer in the Disclaimers Section.				
Location	The directory name and path on the media (or in arı archive) where the Software is located.				
Delivered As	This field will either be "Source", "Binary" or "Source and Binary" and is the form the content of the Software is delivered in. If the Software is delivered in an archive format, this field applies to the contents of the archive. If the word Limited is used with Source, as in "Limited Source" or "Limited Source and Binary" then only portions of the Source for the application are provided.				
Modified by TI	This field will either be "Yes" or "No". A "Yes" means TI has made changes to the Software. A "No" means TI has not made any changes. Note: This field is not applicable for Software "Obtained from" TI.				
Obtained from	This field specifies from where or from whom TI obtained the Software. It may be a URL to an Open Source site, a 3 <sup>rd</sup> party licensor, or TI (if TI developed the software). If this field contains a link to Open Source software, the date TI downloaded the Software is also recorded. See Links Disclaimer in the Disclaimers Section.				

## **DISCLAIMERS**

### **Export Control Classification Number (ECCN)**

Template Rev 3.1 Page 1 of 12

Any use of ECCNs listed in the Manifest is at the user's risk and without recourse to TI. Your company, as the exporter of record, is responsible for determining the correct classification of any item at the time of export. Any export classification by TI of Software is for TI's internal use only and shall not be construed as a representation or warranty regarding the proper export classification for such Software or whether an export license or other documentation is required for exporting such Software.

#### **Links in the Manifest**

Any links appearing on this Manifest (for example in the "Obtained from" field) were verified at the time the Manifest was created. TI makes no guarantee that any listed links will remain active in the future.

### **Open Source License References**

Your company is responsible for confirming the applicable license terms for any open source Software listed in this Manifest that was not "Obtained from" TI. Any open source license specified in this Manifest for Software that was not "Obtained from" TI is for TI's internal use only and shall not be construed as a representation or warranty regarding the proper open source license terms for such Software.

Template Rev 3.1 Page 2 of 12

# **Export Information**

ECCN for Software included in this release:

ECCN for Technology (e.g., user documentation, specifications) included in this release:

## Manifest

See Legend above for a description of the columns and possible values.

Software Name	Version	License Type	Delivered As	Modified by TI		
libOpenCL.so	0.8.x	BSD, MIT,	Binary	Yes	Location	[as installed]/lib
		Boost, Loki Library License			Obtained from	Texas Instruments, cgit.freedesktop.org/~steckdenis/clover, llvm.org, khronos.org, boost.org, pocl.sourceforge.net, loki-lib.sorceforge.net
Opencl_c66_builtins.lib	0.8.x	BSD, MIT	Binary	Yes	Location	[as installed]/lib
					Obtained from	Texas Instruments, Libclc.llvm.org, pocl.sourceforge.net, cgit.freedesktop.org/~steckdenis/clover
Clocl	0.8.x	BSD, MIT, Boost	Binary	Yes	Location	[as installed]/bin/arm and [as installed]/bin/x86

Template Rev 3.1 Page 3 of 12

Software Name	Version	License Type	Delivered As	Modified by TI		
					Obtained from	Texas Instruments, cgit.freedesktop.org/~steckdenis/clover, llvm.org, boost.org, pocl.sourceforge.net
libTI_ocl_util.a	0.8.x	BSD	Binary		Location	[as installed]/lib
					Obtained from	Texas Instruments
Monitor_evmk2h.out	0.8.x	BSD	Binary	Yes	Location	[as installed]/lib
					Obtained from	Texas Instruments
OpenCL API headers	1.1	BSD	Source	No	Location	[as installed]/include/CL
					Obtained from	Khronos.org
OpenCL C built-in	0.8.x	BSD, MIT	Source	Yes	Location	[as installed]/include/clc
Function Headers					Obtained from	Texas Instruments, Libclc.llvm.org, pocl.sourceforge.net, cgit.freedesktop.org/~steckdenis/clover
Examples	0.8.x	BSD	Source		Location	[as installed]/examples
					Obtained from	Texas Instruments
Utilities Header	0.8.x	BSD	Source		Location	[as installed]/include/util.h
					Obtained from	Texas Instruments,

Template Rev 3.1 Page 4 of 12

### **Credits**

Note: Some open source licenses may require a specific credit or attribution in product documentation. Those credits should be listed here.

Peter Collingbourne <peter@pcc.me.uk>

### Licenses

**Note:** If the "Type of License(s)" field above lists any open source, TI TSPA or TI TSU licenses, the entire license must be attached or cut and pasted below (if cutting and pasting, be sure to include all terms of the license).

\_\_\_\_\_\_

Clover Open Source OpenCL framework

\_\_\_\_\_\_\_

Copyright (c) 2011, Denis Steckelmacher <steckdenis@yahoo.fr> All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of the copyright holderi nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE

DISCLAIMED. IN NO EVENT SHALL <COPYRIGHT HOLDER> BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

\_\_\_\_\_\_\_

Khronos OpenCL Header Files

\_\_\_\_\_\_

Copyright (c) 2008-2010 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

\_\_\_\_\_\_

Texas Instruments Incorporated

\_\_\_\_\_\_

Copyright (c) 2012-2013, Texas Instruments Incorporated - http://www.ti.com/All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- \* Neither the name of Texas Instruments Incorporated nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2003-2011 University of Illinois at Urbana-Champaign. All rights reserved.

Developed by:

**LLVM Team** 

University of Illinois at Urbana-Champaign

http://llvm.org

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.
- \* Neither the names of the LLVM Team, University of Illinois at Urbana-Champaign, nor the names of its contributors may be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE SOFTWARE.

\_\_\_\_\_\_

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute,

execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

\_\_\_\_\_

The Loki Library

Copyright (c) 2001 by Andrei Alexandrescu

This code accompanies the book:

Alexandrescu, Andrei. "Modern C++ Design: Generic Programming and Design Patterns Applied". Copyright (c) 2001. Addison-Wesley.

Permission to use, copy, modify, distribute and sell this software for any purpose is hereby granted without fee, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation.

The author or Addison-Wesley Longman make no representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

\_\_\_\_\_\_\_

Pocl IIvm conpiler transformations

\_\_\_\_\_\_

Copyright (c) 2012-2013 Pekka Jääskeläinen / Tampere University of Technology

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) 2011 Universidad Rey Juan Carlos

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER

LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Libclc license

\_\_\_\_\_

\_\_\_\_\_

Copyright (c) 2011-2013 by the contributors listed in CREDITS

All rights reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal with the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

- \* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimers.
- \* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimers in the documentation and/or other materials provided with the distribution.
- \* The names of the contributors may not be used to endorse or promote products derived from this Software without specific prior written permission.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE CONTRIBUTORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS WITH THE

### SOFTWARE.

Copyright (c) 2011-2013 by the contributors listed in CREDITS

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Template Rev 3.1 Page 12 of 12