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Contents

General acknowledgements	1
Open source acknowledgements.....	2
7-zip.....	2
ASM	2
ASP.NET AJAX Control Toolkit	2
ASP.NET AJAX JavaScript Library.....	3
ASP.NET MVC 2	3
Alphaworks ICU	3
Apache ActiveMQ	3
Apache Ant.....	3
Apache Aries	4
Apache AXIS	4
Apache Bean Scripting Framework	5
Apache Camel	5
Apache Castle Windsor.....	5
Apache Commons	5
Apache Commons Beanutils	5
Apache Commons Codec.....	5
Apache Commons Collections	6
Apache Commons IO.....	6
Apache Commons Discovery.....	6
Apache Commons FileUpload	6
Apache Commons Lang.....	6
Apache Commons Logging.....	6
Apache Common.Logging	6
Apache Commons Pool	7
Apache CouchDB.....	7
Apache CXF.....	7
Apache Derby	7
Apache Geronimo	7
Apache HttpComponents.....	10
Apache Jakarta JCS.....	17

Apache Karaf	17
Apache log4cxx	17
Apache Log4Net	17
Apache MyFaces	17
Apache Quartz.NET	17
Apache Tomcat	18
Apache Xalan	18
AspectJ	18
Aws-elasticache.....	18
Boost Software License - Version 1.0 - August 17th, 2003	19
CANVG.....	19
Canvas2Image	20
CBTREE	20
CGIC.....	21
Collada DOM	21
Concurrentlinkedhashmap	21
Cordova	21
Delegate	21
DGRID	22
Dojo Toolkit	22
Dojo 1.9.1	22
DOM4J.....	23
DOTNETZIP	23
Drag Select Plugin	24
Easing Equations	24
Efficient and Lightweight In-Memory Implementation of R*-Tree	25
Eclipse User Assistance	25
Enterprise Library.....	25
Erlang	25
Exitdump.py	29
Expat XML Parser	29
EzMorph.....	30
Facelets	30

FOXTROT	30
FREETYPE.....	30
Fuse Fabric	32
GDAL	32
GeoTiff.....	32
GI	33
GLEW	33
GOLD PARSER.....	34
Google gson	34
Google Web Toolkit	34
GotDotNet RefreshPanel	35
HDF 4.....	35
HDF 5.....	35
Heatmap.js	36
HTML2Canvas.....	36
HTML Parser	37
HTML Filtering utility for Java.	37
Image Compression SDK	37
InAppBrowser	37
International Components for Unicode (ICU).....	37
The Irrlicht Engine License	38
iTextSharp	38
IzPack	38
J7Zip	38
Java.util.concurrent	38
Japanese WordNet.....	39
Java Development Kit.....	39
Java Runtime Environment	39
Javabeans Activation Framework	39
JavaMail	40
Java Server Faces	40
Java Service	40
Javax.xml	40

JAXB 2.0.....	40
Jaxen	40
JAX-RPC	41
JAX-RS Jersey.....	41
JDOM.....	41
Jersey Test Framework	41
JFreeChart	42
JPEG Read/Write.....	42
JSON in JAVA	42
JSON-LIB	42
JS-DOC TOOLKIT	42
Jolokia	43
JQUERY	43
jQuery XML to JSON Plugin	43
jsPlumb.....	44
JSR 311	44
Jython 2.0.....	44
Json.NET	45
LAPACK.....	45
LibCurl	45
Libidn.....	46
Libstdc++ Runtime Library	46
Libpng PNG support	46
LIBSVM	46
LIBXML	47
LibXML2.....	47
Libbzip2	48
LittleCMS	48
LZMA SDK	49
LUCENE .NET	49
LUCENE – CORE 3.4.	49
LUCENE JAVA.....	49
Matplotlib	50

MIME PULL	50
MX4J	51
NetCDF	51
NETTY	52
OpenCSV	52
OpenGL Support.....	52
OpenLDAP	52
Org.w3c.dom.....	53
overLIB	54
OPENSCENEGAPH	54
P7Zip	55
Pion Network Library	55
PixieLib.NET.....	56
PostgreSQL Database Management System.....	56
PROJ.4.4.8	57
Prototype	57
Prototype Window Class	57
Pug XML Parser	58
Put-selector	58
Python	58
Qt Framework	66
QJson Library.....	67
RabbitMQ.....	67
RapidJSON	74
RGBColor	74
Rome	74
SAAJ	74
SAX	75
SharpKML	75
Simple Logging Façade for Java (SLF4J)	76
SiteMesh	76
Skia	77
Skia (Google's version)	77

Snowball.NET	77
Spirit JSON Library	78
SharpZipLib (#ziplib)	78
Sliding Menu	79
Squish DXT Compression Library	79
Spring Framework	79
Spymemcached	79
SQLite	80
SQL SERVER SPATIAL TOOLS	80
Swing-layout.jar	81
SymPy	81
Tao.OpenGL	81
TIFF Image (RDO)/LibTiff	82
Thinlet	82
Time Support	82
TrueZip	82
Ultimate Grid	82
Unicode	86
University of Illinois/NCSA	86
URL Rewrite Filter	86
WINE	87
WordNet.NET	87
WPF-Chrome	88
WPF DOCKING LIBRARY	93
WPF Toolkit	93
wxWidgets	93
XACML	94
XCB	94
XSLT (libxml2)	95
XML4C	95
Xerces C++ Parser	96
Xerces2 Java Parser	96
XML-COMMONS	96

XLRD	96
XLWT	97
XSTYLE	98
XVFB for X11	98
zlib	99
Common open source licenses	101
Academic Free License, version 2.2	101
Apache License, version 1.1	103
Apache License, version 2.0	104
BSD License: the "New" (modified) BSD License:	106
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Oracle Binary Code License Agreement for Java SE and JavaFX Technologies	132
Sun Microsystems, Inc. Binary Code License Agreement	136
List of open source components	139

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PCRE is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Written by: Philip Hazel [<ph10@cam.ac.uk>](mailto:ph10@cam.ac.uk)

University of Cambridge Computing Service,
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Written by Adam Twiss (adam@zeus.co.uk). March 1996

Thanks to the following people for their input:

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Michael Campanella (campanella@stevms.enet.dec.com)

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Source code for MIME Pull may be located at: <https://mimepull.java.net/>

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Julian Seward, jseward@bzip.org

bzip2/libbzip2 version 1.0.5 of 10 December 2007

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/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.8, April 28th, 2013.

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GCC RUNTIME LIBRARY EXCEPTION

Version 3.1, 31 March 2009

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Clipper Library v. 6.1.3	Boost Software License	ArcGIS Runtime SDKs 10.3.1
Collada DOM	SCEA Shared Source License 1.0	ArcGIS 10.3.1 for Desktop
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Commons Configuration	Apache License 2.0	ArcGIS GeoEvent Extension for Server
Concurrentlinked-hashmap	Apache License 2.0	ArcGIS 10.3.1 for Server (Spatial Data Server)
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Cordova 3.8.0	Apache License 2.0	Esri Maps for MicroStrategy
Delegate 2.1.0.3	MIT License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcReader 10.3.1
Dgrid	Modified BSD License	Esri Maps Framework 1.4.x
Dojo Toolkit 1.8.3 (1.6)	BSD License: https://github.com/dojo/dojo/blob/master/LICENSE	ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, Portal for ArcGIS 10.3.1, ArcGIS GeoEvent Extension for Server
Dojo Toolkit 1.9.1	Modified BSD License	Esri Maps Framework 1.4.x
DOM4J 1.6.1	BSD License	Esri Maps for IBM Cognos

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Exifdump.py	Public Domain	ArcGIS 10.3.1 for Desktop
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GEOS	LGPL 2.1	ArcGIS Data Interoperability extension 10.3.1
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Giflib	MIT License	ArcGIS Runtime SDKs 10.3.1
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Google Web Toolkit	Apache License 2.0 and Google Web Toolkit License.	Esri Maps for IBM Cognos

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Guava Libraries	Apache License 2.0	ArcGIS GeoEvent Extension for Server
HazelCast	Apache License 2.0	ArcGIS GeoEvent Extension for Server
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Html2Canvas	MIT License	Esri Maps for IBM Cognos, Esri Maps for MicroStrategy
HTML Filtering for Java	CC-BY-SA 2.5	ArcGIS 10.3.1 for Server
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iTextSharp	Mozilla Public License 1.1	Business Analyst Server 10.3.1, Business Analyst Desktop 10.3.1
IzPack 4.3.5	Apache License 2.0	Esri Maps for IBM Cognos
J7zip	GNU Lesser General Public License 2.1	ArcGIS 10.3.1 for Server
Jackson JSON Processor	GNU Lesser General Public License 2.1; Apache License 2.0	ArcGIS 10.3.1 for Server (Java Spatial Data Server); ArcGIS GeoEvent Extension for Server
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Java Server Faces 1.1_01	Sun Binary Code License Agreement	ArcGIS 10.3.1 for Server
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JavaMail 1.4	Oracle Binary Code License Agreement	Esri Maps for IBM Cognos
Java Development Kit 1.5.0_14	Oracle Binary Code License Agreement	Esri Maps for IBM Cognos
Java Server Pages Standard Tag Library	Sun License	ArcGIS 10.3.1 for Server (Spatial Data Server)

Java Service 2.0.10	GNU Lesser General Public License 2.1	ArcGIS 10.3.1 for Server
java.util.concurrent 2.1	Public Domain	ArcGIS 10.3.1 for Server
Javax.xml	Sun Microsystems Binary Code License Agreement	Esri Maps for IBM Cognos
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JAX-RPC 1.1	Sun Microsystems Binary Code License Agreement	Esri Maps for IBM Cognos
JAX-RS Jersey 1.1.5	Common Development and Distribution License (CDDL)	ArcGIS 10.3.1 for Server
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Jersey REST Framework 1.2	CDDL 1.0	Esri Maps for IBM Cognos
Jcifs	GNU Lesser General Public License 2.1	ArcGIS Runtime SDKs 10.3.1
JodaTime	Apache License 2.0	ArcGIS GeoEvent Extension for Server; Portal for ArcGIS 10.3.1
JRE 1.7.0_76	Oracle Binary Code License Agreement for the Java SE Platform Products and JavaFX	ArcGIS 10.3.1 for Server, Portal for ArcGIS 10.3.1, ArcGIS 10.3.1 Data Store, ArcGIS Runtime SDKs 10.3.1, Tracking

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JSR 311 API 1.1	CDDL 1.0	Esri Maps for IBM Cognos
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jQuery XML to JSON Plugin	MIT License: https://jquery.org/license/	ArcGIS GeoEvent Extension for Server
JS-Doc Toolkit 2.1.0	MIT License	ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 Engine
jsPlumb	Dual License: MIT and GPLv2	ArcGIS GeoEvent Extension for Server
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LibCurl	X11 License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcReader 10.3.1, ArcGIS Runtime SDKs 10.3.1, Esri Maps for IBM Cognos

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Libjpg-turbo 2.5.2	BSD License; See also http://www.ijg.org/files/README	ArcGIS Runtime SDKs 10.3.1
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Libstdc++ Runtime Library	GNU General Public License v3 (GCC Runtime Library Exception)	ArcGIS 10.3.1 for Server (Linux), ArcGIS Runtime SDKs 10.3.1
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Libtess	SGI Free Software License	ArcGIS 10.3.1, ArcGIS Runtime SDKs 10.3.1
LIBXML	MIT License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcReader 10.3.1
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Lucene Java 2.4	Apache License 2.0	ArcGIS 10.3.1 for Server
Lyra	Apache License 2.0	ArcGIS 10.3.1 Engine, ArcGIS GeoEvent Extension for Server
LZMA SDK	Public Domain	ArcGIS 10.3.1 Engine
Matplotlib 1.3.0	Matplotlib License 1.3.0	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 Engine
MIME Pull	CDDL	ArcGIS 10.3.1 for Server (Spatial Data Server)
MiniWeb	GNU Lesser General Public License 2.1	Esri Maps for Office 3.0
nscala-time	Apache License 2.0	ArcGIS GeoEvent Extension for Server
MX4J 3.0.1	Apache License 1.1	ArcGIS 10.3.1 for Server
NetCDF 4.0	BSD License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine
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OpenCSV	Apache License 2.0	ArcGIS GeoEvent Extension for Server

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OpenSceneGraph 2.6	OpenSceneGraph Public License	ArcGIS 10.3.1 for Desktop 3D Analyst, ArcGIS 10.3.1 for Server 3D Analyst, ArcGIS 10.3.1 Engine 3D Analyst
OpenSSL	OpenSSL License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 for Server, ArcGIS Runtime SDKs 10.3.1, Esri Maps for IBM Cognos
Org.w3c.dom	W3C Software License	Esri Maps for IBM Cognos
Otto	Apache License 2.0	Collector for ArcGIS (Android) 10.2.4
overLIB 4.21	Artistic License	ArcGIS 10.3.1 for Server
P7zip	GNU Lesser General Public License 2.1	ArcGIS 10.3.1 Engine (Linux)
Pandas	BSD	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 Engine, ArcGIS Pro 1.0
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PPLX	Apache 2.0 License	ArcGIS 10.3.1 for Desktop ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 Engine, ArcGIS Runtime SDKs 10.3.1

PostgreSQL 9.3.4;	PostgreSQL License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server (Ubuntu AMI), Portal for ArcGIS 10.3.1, ArcGIS 10.3.1 Data Store
PostgreSQL 9.3.5	PostgreSQL License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server (Ubuntu AMI), Portal for ArcGIS 10.3.1
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Prototype	MIT License	ArcGIS 10.3.1 for Server
Prototype Window Class 0.70	MIT License	ArcGIS 10.3.1 for Server
Pug XML Parser 1.0002	Public Domain	ArcGIS 10.3.1 for Server
Put-selector	Modified BSD License	Esri Maps Framework 1.4.x
Python	Python License	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcGIS Runtime SDKs 10.3.1
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QJson Library	GNU Lesser General Public License 2.1	ArcGIS Runtime SDKs 10.3.1
Rome	Apache License 2.0	ArcGIS GeoEvent Extension for Server
RabbitMQ	Mozilla Public License 1.1 https://www.rabbitmq.com/mpl.html	ArcGIS Server 10.3.1, ArcGIS GeoEvent Extension for Server
ReportLab	BSD	Esri Roads and Highways

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SAAJ	CDDL 1.1	Esri Maps for IBM Cognos
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SharpKML	Microsoft Public License	Tracking Server 10.3.1
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Simple Logging Façade for Java (SKF4J)	MIT License: http://www.slf4j.org/license.html	ArcGIS 10.3.1 for Server (Spatial Data Server), ArcGIS GeoEvent Extension for Server
SiteMesh	OpenSymphony License (BSD Style)	ArcGIS 10.3.1 for Server (Spatial Data Server)
Skia	Google BSD License	ArcGIS Runtime SDKs 10.3.1, ArcGIS Mobile 10.3.1, ArcGIS 10.3.1 for Maritime: Server
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Snowball.NET	Apache License 2.0	ArcGIS 10.3.1 for Server, ArcGIS 10.3.1 for Desktop
Spirit JSON Library	MIT License	ArcGIS Runtime SDKs 10.3.1
Spring Framework	Apache License 2.0	ArcGIS GeoEvent Extension for Server, Portal for ArcGIS 10.3.1

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WPF Docking Library	CPOL 1.02	ArcLogistics 10.3.1
WPF Toolkit	Microsoft Public License	ArcGIS Mobile 10.3.1, ArcLogistics 10.3.1, ArcGIS 10.3.1 for Desktop ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server
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XLrd 0.80	BSD	ArcGIS 10.3.1 for Desktop ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server
XLwt 0.7.4	BSD	ArcGIS 10.3.1 for Desktop ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server
Xml2Json Plugin	MIT License: http://opensource.org/licenses/mit-license.php	ArcGIS GeoEvent Extension for Server
XML4C 5.0.0	W3C Software Notice and License	ArcGIS 10.3.1 for Server
Xml-commons	Apache License 2.0	Esri Maps for IBM Cognos
XSLT C Library(libxml2)	MIT License	ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcReader 10.3.1
Xstyle	Modified BSD License	Esri Maps Framework 1.4.x
XVFB for X11	MIT License	ArcGIS 10.3.1 for Server (Linux)
zlib Data compression	zlib license	ArcGIS 10.3.1 for Desktop, ArcGIS 10.3.1 Engine, ArcGIS 10.3.1 for Server, ArcReader 10.3.1, ArcGIS Runtime SDKs 10.3.1, ArcLogistics Navigator 10.3.1, ArcLogistics 10.3.1; ArcGIS 10.3.1 for Maritime: Server
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