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134	gf.osgi-resource-locator.jar	1.0.1	(see Appx. B: gf.osgi-resource-locator.jar 1.0.1)	GlassFish - Common Development and Distribution License 1.1	
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160	javax-inject	1-9.4.0-SNAPSHOT.jar	Copyright (C) 2009 The JSR-330 Expert Group	Apache License 2.0	
161	javax.activation	1.2.0	Copyright (c) 1997 - 2017 Oracle and/or its affiliates. All rights reserved. Copyright (c) 1989, 1991 Free Software Foundation, Inc.	Common Development and Distribution License 1.1	
162	javax.activation	1.2.0.Final	Copyright (c) 1997 - 2017 Oracle and/or its affiliates. All rights reserved	Common Development and Distribution License 1.1	
163	javax.json-api	1.1.2	Copyright (c) 2011-2016 Oracle and/or its affiliates. All rights reserved.	Common Development and Distribution License 1.1	
164	jaxb-api	2.3.1	Copyright (c) 1989, 1989 Free Software Foundation Copyright (c) 2003-2018 Oracle and/or its affiliates.	Common Development and Distribution License 1.1 (c.f. jaxb-api 2.3.1)	
165	jaxen	1.1.1	Copyright 2003-2006 The Werken Company. All Rights Reserved.	BSD 3-clause "New" or "Revised" License	
166	jbeder-yaml-cpp	0.5.2	Copyright (c) 2008-2015 Jesse Beder.	MIT License (also X11)	
167	jboss-logging	3.3.2.Final	Copyright (c) 2010 - 2011, 2013, 2015, 2017 Red Hat, Inc., and individual contributors	Apache License 2.0	
168	jcl-over-slf4j	1.6.1	Copyright (c) 2001-2004 The Apache Software Foundation	Apache License 2.0	
169	jcl-over-slf4j	1.7.0	Copyright (c) 2001-2004 The Apache Software Foundation	Apache License 2.0	
170	jcl-over-slf4j	1.7.25	Copyright (c) 2001 - 2004 The Apache Software Foundation.	Apache License 2.0	
171	jdom	1.0.0.v201005080400	Copyright (C) 2000-2004 Jason Hunter & Brett McLaughlin. All rights reserved.	JDOM License	
172	jemalloc	5.0.1	(see Appx. B: jemalloc 5.0.1)	BSD 2-clause "Simplified" or "FreeBSD" License	
173	jersey-apache-client	1.8	(see Appx. B: jersey-apache-client 1.8)	Common Development and Distribution License 1.1	
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180	jetty-util	8.1.7.v20120910	(see Appx. B: jetty-util 8.1.7.v20120910)	Apache License 2.0	
181	jetty-util	9.2.18.v20160721	(see Appx. B: jetty-util 9.2.18.v20160721)	Apache License 2.0 (c.f. jetty-util 9.2.18.v20160721)	
182	jline-jline2	2.12.0	Copyright (c) 2002-2012, the original author or authors. All rights reserved.	BSD 3-clause "New" or "Revised" License	

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184	joda-time	2.9.3	Copyright 2001-2005 Stephen Colebourne	Apache License 2.0	
185	joda-time	2.9.4	Copyright (c) 2001-2014 Stephen Colebourne	Apache License 2.0	
186	joda-time	2.9.9	Copyright (c) 2001-2016 Stephen Colebourne	Apache License 2.0 (c.f. joda-time 2.9.9)	
187	jquery-csv	1.0	Copyright (c) 2008 sanand0	Apache License 2.0	
188	jquery-jquery-ui	1.8.6	Copyright (c) 2010 Paul Bakaus	MIT License (also X11) (c.f. jquery-jquery-ui 1.8.6)	
189	jquery-threedots	1.0.10	Copyright (c) 2010 Jeremy Horn	MIT License (also X11)	
190	jquery-tools	1.2.5	NO COPYRIGHTS OR LICENSES. DO WHAT YOU LIKE.	MIT License (also X11) (c.f. jquery-tools 1.2.5)	
191	jquerydatatable	1.5.2	Copyright (c) 2008-2009, Allan Jardine	BSD 3-clause "New" or "Revised" License	
192	jquery	1.3	Copyright (c) 2009 John Resig	MIT License (also X11)	
193	jquery	1.4.2	Copyright 2010, John Resig	MIT License (also X11) (c.f. jquery 1.4.2)	
194	jsch	0.1.54	Copyright (c) 2002-2016 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License	
195	jssocks	1.01	(c) sourceforge	GNU Lesser General Public License v2.1	
196	json-path	1.2.0	Copyright (c) 2011 the original author or authors.	Apache License 2.0	
197	json-smart	2.1.0	Copyright (c) 2011 - 2014 JSON-SMART authors	Apache License 2.0	
198	jsr250-api	1.0	Copyright (c) 2005-2006 Sun Microsystems, Inc. All Rights Reserved.	Common Development and Distribution License 1.0	
199	jul-to-slf4j	1.7.25	Copyright (c) 2004-2011 QOS.ch	MIT License (also X11)	
200	jupp0r-prometheus-cpp	0.7.0	Copyright (c) 2016-2019 Jupp Mueller Copyright (c) 2017-2019 Gregor Jasny	MIT License (also X11)	
201	libantlr3c	3.2	Copyright (c) 2005-2009 Jim Idle, Temporal Wave LLC http://www.temporal-wave.com http://www.linkedin.com/in/jimidle All rights reserved.	BSD 3-clause "New" or "Revised" License	
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203	llvm	5.0.1	Copyright (c) 2003-2017 University of Illinois at Urbana-Champaign. All rights reserved. Copyright (c) 2003, 2005 - 2009, 2013, 2015 Google Inc.	University of Illinois/NCSA Open Source License (c.f. llvm 5.0.1)	
204	log4j-api	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0	
205	log4j-core	2.11.2	Copyright (c) 1999-2012 Apache Software Foundation	Apache License 2.0 (c.f. log4j-core 2.11.2)	
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207	log4j-slf4j-impl	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0 (c.f. log4j-slf4j-impl 2.11.2)	
208	log4j-to-slf4j	2.11.2	Copyright (c) 1999-2019 The Apache Software Foundation	Apache License 2.0 (c.f. log4j-to-slf4j 2.11.2)	
209	log4j	1.2.17	Copyright (c) 1999-2007 The Apache Software Foundation. Copyright (c) 2000 Sun Microsystems, Inc.	Apache License 2.0 (c.f. log4j 1.2.17)	
210	log4net	1.2.13	Copyright 2004-2013 The Apache Software Foundation	Apache License 2.0	
211	logback-classic	1.1.11	Copyright (c) 1999 - 2016 , QOS.ch. All rights reserved.	Eclipse Public License 1.0 (c.f. logback-classic 1.1.11)	
212	logback-core	1.1.11	Copyright (C) 1999-2015, QOS.ch. All rights reserved	Eclipse Public License 1.0 (c.f. logback-core 1.1.11)	
213	lucene	2.4.1	(see Appx. B: lucene 2.4.1)	Apache License 2.0 (c.f. lucene 2.4.1)	
214	lucene	6.1.0	Copyright 2014 The Apache Software Foundation	Apache License 2.0	
215	maven-invoker	2.1.1	Copyright (c) 2002 - 2012 The Apache Software Foundation	Apache License 2.0	
216	miloyip-rapidjson	1.0.2	Copyright (C) 2015 THL A29 Limited, a Tencent company, and Milo Yip. All rights reserved.	MIT License (also X11)	
217	mimepull	1.4	Sun Microsystems, Inc http://www.sun.com/	GlassFish - Common Development and Distribution License 1.0	

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219	ms-visual-c++-redistributable-package	2017update14.12.25810	Copyright (c) Microsoft VISUAL C++ 2017 update 14.12.25810	MICROSOFT VISUAL C++ REDISTRIBUTABLE FOR VISUAL STUDIO 2017	
220	ms-windows10sdk-redistributable	10.0.10240.16384	Copyright (c) 2010 Microsoft	Microsoft Software License Terms SDK for Windows 10	
221	murmurhash2	1.1.1		MIT License (also X11)	
222	netlib-fp-dtoa	16june2003	The author of this software is David M. Gay. Copyright (c) 1991, 2000, 2001 by Lucent Technologies.	Netlib fp License	
223	netlib-fp-g_fmt	16june2003	The author of this software is David M. Gay. Copyright (c) 1991, 1996 by Lucent Technologies.	Netlib fp License	
224	netscape-directory-sdk	4.1	Copyright (c) 1999 - 2001 Netscape Communications Corporation.	Mozilla Public License 2.0 (as successor of NPL and MPL 1.0 - 1.1)	
225	not-yet-commons-ssl	0.3.16	Copyright 2002-2006 The Apache Software Foundation	Apache License 2.0 (c.f. not-yet-commons-ssl 0.3.16)	
226	nss-builtin-certdata	20190704	(see Appx. B: nss-builtin-certdata 20190704)	Mozilla Public License 2.0	
227	openldap-project	2.4.48	Copyright (c) 1998-2019 The OpenLDAP Foundation All rights reserved.	OpenLDAP Public License v2.8 (c.f. openldap-project 2.4.48)	
228	opensaml2	2.6.5	Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements.	Apache License 2.0	
229	openssl	1.1.1a	Copyright 1998-2018 The OpenSSL Project	OpenSSL License (c.f. openssl 1.1.1a)	Fix version restrictions: PAK 10.5: till 10.5.1.0 Operating system restrictions: PAK 10.5: Only on LinuxARM
230	openssl	1.1.1c	Copyright (c) 1998-2019 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved.	OpenSSL License (c.f. openssl 1.1.1c)	
231	openssl	1.1.1d	Copyright (c) 1998-2019 The OpenSSL Project Copyright (c) 1995-1998 Eric A. Young, Tim J. Hudson All rights reserved.	OpenSSL License (c.f. openssl 1.1.1d)	Fix version restrictions: PAK 10.5: from 10.5.1.0, till 10.5.3 Operating system restrictions: PAK 10.5: Only on LinuxARM
232	openssl	1.1.1e	(see Appx. B: openssl 1.1.1e)	OpenSSL License (c.f. openssl 1.1.1e)	Fix version restrictions: PAK 10.5: from 10.5.3 Operating system restrictions: PAK 10.5: Only on LinuxARM
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234	org.apache.servicemix.bundles.aopalliance	1.0_6	Copyright (c) 2005 - 2012 The Apache Software Foundation	Apache License 2.0	
235	org.apache.xml.resolver	1.2.0.v201005080400	Copyright 2006 The Apache Software Foundation.	Eclipse Public License 1.0	
236	org.osgi.service.jaxrs	1.0.0	Copyright (c) 2000, 2010, 2012, 2017 - 2018 OSGi Alliance . All Rights Reserved.	Apache License 2.0	
237	poco	1.9.0	Copyright (c) 2004 - 2018 , Applied Informatics Software Engineering GmbH and Contributors.	Boost Software License 1.0 (c.f. poco 1.9.0)	
238	poi	3.9	(see Appx. B: poi 3.9)	Apache License 2.0 (c.f. poi 3.9)	
239	protobuf	3.7.1	Copyright (c) 2005-2009, 2013-2017 Google Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License (c.f. protobuf 3.7.1)	

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242	relaxng-datatype	1.0.0	@author "mailto:jjc@jclark.com" James Clark @author "mailto:kohsuke.kawaguchi@sun.com" Kohsuke KAWAGUCHI	Common Development and Distribution License 1.0	
243	reserve-cxx-client	1-8.5	Copyright (c) 2004-8 Simon Urbanek, All rights reserved.	GNU Lesser General Public License v2.1	
244	rhino	1.6R7	(see Appx. B: rhino 1.6R7)	Mozilla Public License 2.0	
245	rhino	1.7R3	(see Appx. B: rhino 1.7R3)	Mozilla Public License 2.0 (c.f. rhino 1.7R3)	
246	roboto-fontface	0.7.0	Copyright (c) 2015 Google Inc. All Rights Reserved.	Apache License 2.0	
247	saxpath	1.0-FCS	(see Appx. B: saxpath 1.0-FCS)	Mozilla Public License 2.0 (c.f. saxpath 1.0-FCS)	
248	serializer	2.7.2	Copyright The Apache Software Foundation	Apache License 2.0	
249	servlet-api_jsr154	2.5	Copyright 2005 Sun Microsystems, Inc. All rights reserved.	Common Development and Distribution License 1.0 (c.f. servlet-api_jsr154 2.5)	
250	simpleclient_common	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
251	simpleclient_spring_bot	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
252	simpleclient_spring_web	0.3.0	Copyright (c) 2012-2015 The Prometheus Authors	Apache License 2.0	
253	simpleclient	0.3.0	Copyright (c) 2012 Andrew Wang (andrew@umbrant.com)	Apache License 2.0	
254	slevithan-cross-browser-split	1.0	(c) Steven Levithan <stevenlevithan.com>	MIT License (also X11)	
255	slf4j-api	1.7.0	Copyright (c) 2004 - 2012 QOS.ch. All Rights Reserved.	MIT License (also X11)	
256	slf4j-api	1.7.25	Copyright (c) 2004-2011 QOS.ch. All rights reserved.	MIT License (also X11)	
257	slf4j-log4j12	1.7.0	Copyright (c) 2004-2011 QOS.ch.	MIT License (also X11) (c.f. slf4j-log4j12 1.7.0)	
258	slf4j	1.7.25	Copyright (c) 2004-2011 QOS.ch	MIT License (also X11)	
259	slf4j	1.7.7	Copyright (c) 2004-2013 QOS.ch All rights reserved	MIT License (also X11)	
260	snakeyaml	1.17	Copyright (c) 2008, http://www.snakeyaml.org	Apache License 2.0	
261	snakeyaml	1.19	Copyright (c) 2008, 2013, 2017 http://www.snakeyaml.org . All rights reserved.	Apache License 2.0 (c.f. snakeyaml 1.19)	
262	snakeyaml	1.24	Copyright (c) 2008 http://www.snakeyaml.org	Apache License 2.0 (c.f. snakeyaml 1.24)	
263	soap	2.3.1	Copyright (c) 2000 The Apache Software Foundation. All rights reserved.	Apache License 1.1	
264	sphinx	1.7.6	(see Appx. B: sphinx 1.7.6)	BSD 2-clause "Simplified" or "FreeBSD" License	Fix version restrictions: PAK 10.5: till 10.5.3
265	sphinx	3.0.1	(see Appx. B: sphinx 3.0.1)	BSD 3-clause "New" or "Revised" License (c.f. sphinx 3.0.1)	Fix version restrictions: PAK 10.5: from 10.5.3.0
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268	spring-beans	3.2.18.RELEASE	(see Appx. B: spring-beans 3.2.18.RELEASE)	Apache License 2.0	
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271	spring-boot-autoconfigure	1.5.19.RELEASE	Copyright (c) 2012 - 2018 the original author or authors.	Apache License 2.0 (c.f. spring-boot-autoconfigure 1.5.19.RELEASE)	

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276	spring-boot-starter-tomcat	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-tomcat 1.5.19.RELEASE)	
277	spring-boot-starter-web	1.5.19.RELEASE	Copyright (c) 2012-2015 the original author or authors.	Apache License 2.0 (c.f. spring-boot-starter-web 1.5.19.RELEASE)	
278	spring-boot-starter	1.5.19.RELEASE		Apache License 2.0	
279	spring-boot	1.5.19.RELEASE	Copyright (c) 2012 - 2018 the original author or authors.	Apache License 2.0 (c.f. spring-boot 1.5.19.RELEASE)	
280	spring-context	3.2.18.RELEASE	(see Appx. B: spring-context 3.2.18.RELEASE)	Apache License 2.0 (c.f. spring-context 3.2.18.RELEASE)	
281	spring-context	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-context 4.3.22.RELEASE)	
282	spring-core	3.2.18.RELEASE	(see Appx. B: spring-core 3.2.18.RELEASE)	Apache License 2.0	
283	spring-core	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-core 4.3.22.RELEASE)	
284	spring-expression	3.2.18.RELEASE	(see Appx. B: spring-expression 3.2.18.RELEASE)	Apache License 2.0	
285	spring-expression	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-expression 4.3.22.RELEASE)	
286	spring-projects-spring-framework	5.1.3.RELEASE	Copyright (c) 2002-2018 Pivotal, Inc.	Apache License 2.0 (c.f. spring-projects-spring-framework 5.1.3.RELEASE)	
287	spring-security-config	4.2.11.RELEASE	Copyright (c) 2002-2016 the original author or authors.	Apache License 2.0 (c.f. spring-security-config 4.2.11.RELEASE)	
288	spring-security-core	3.2.10.RELEASE	Copyright (c) 2006 Damien Miller <djm@mindrot.org> Copyright (c) 2002-2014 the original author or authors. Copyright (c) 2004 Acegi Technology Pty Limited	Apache License 2.0 (c.f. spring-security-core 3.2.10.RELEASE)	
289	spring-security-core	4.2.11.RELEASE	Copyright (c) 2002-2016 the original author or authors.	Apache License 2.0 (c.f. spring-security-core 4.2.11.RELEASE)	
290	spring-security-core	5.0.6.RELEASE	Copyright (c) 2002 - 2018 the original author or authors. Copyright (c) 2004 - 2006 Acegi Technology Pty Limited	Apache License 2.0 (c.f. spring-security-core 5.0.6.RELEASE)	
291	spring-security-saml2-core	1.0.4	(see Appx. B: spring-security-saml2-core 1.0.4)	Apache License 2.0	
292	spring-security-web	4.2.11.RELEASE	Copyright (c) 2004, 2005, 2006 Acegi Technology Pty Limited Copyright (c) 2002-2016 the original author or authors	Apache License 2.0	
293	spring-webmvc	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-webmvc 4.3.22.RELEASE)	
294	spring-web	4.3.22.RELEASE	Copyright (c) 2002-2014 the original author or authors.	Apache License 2.0 (c.f. spring-web 4.3.22.RELEASE)	
295	stax2-api	3.1.4	Copyright (c) 2009 FasterXML, LLC	BSD 3-clause "New" or "Revised" License	
296	swagger-annotations	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
297	swagger-core	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
298	swagger-models	1.5.22	Copyright (c) 2016 SmartBear Software	Apache License 2.0	
299	swagger-parser	1.0.44	Copyright (c) 2017 SmartBear Software	Apache License 2.0	
300	tanuki-silveregg-java-service-wrapper-02032	5.3.37	Copyright (c) Tanuki Software, Ltd. All Rights Reserved.	TAC#02032	
301	threadingbuildingblocks-tbb	2017_20161004	Copyright (c) 2005-2016 Intel Corporation	Apache License 2.0	

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304	tomcat-jdbc	8.5.35	Copyright (c) 2008 - 2018 The Apache Software Foundation	Apache License 2.0	
305	trang	20081028	Copyright (c) 2002, 2003, 2008 Thai Open Source Software Center Ltd All rights reserved.	BSD 3-clause "New" or "Revised" License	
306	validation-api	1.1.0.Final	(see Appx. B: validation-api 1.1.0.Final)	Apache License 2.0	
307	validation-api	2.0.1.Final	Copyright (c) 2012 - 2017 Red Hat Inc. All Rights Reserved.	Apache License 2.0	
308	winrun4j	0.4.5	Copyright Peter Smith	Eclipse Public License 1.0	
309	woodstox-core-asl	4.4.1	Copyright (c) 2004 - 2005 - Tatu Saloranta, tatu.saloranta@iki.fi	Apache License 2.0	
310	wsdl4j	1.6.2	Copyright IBM Corp 2001, 2006	Common Public License 1.0	
311	wss4j	1.6.19	Copyright (c) 2004-2015 The Apache Software Foundation	Apache License 2.0	
312	wstrange-googleauth	1.1.1	Copyright (c) 2014 - 2016 Enrico M. Crisostomo Copyright (c) 2013 Warren Strange	BSD 3-clause "New" or "Revised" License	
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314	xml-apis	1.4.01	Copyright (c) 1999-2009 The Apache Software Foundation.	Apache License 2.0 (c.f. xml-apis 1.4.01)	
315	xml-apis	1.4.1	Copyright 1999-2009 The Apache Software Foundation.	Apache License 2.0 (c.f. xml-apis 1.4.1)	
316	xmlsec-java	1.5.6	Copyright 1999-2011 The Apache Software Foundation	Apache License 2.0	
317	xmltooling-java	1.4.5	Licensed to the University Corporation for Advanced Internet Development, Inc. (UCAID) under one or more contributor license agreements.	Apache License 2.0	
318	ymnk-jzlib	1.1.1	Copyright (c) 2011 ymnk, JCraft, Inc. All rights reserved.	BSD 3-clause "New" or "Revised" License	
319	zlib	1.2.3	(C) 1995-2004 Jean-loup Gailly and Mark Adler	zlib/libpng License	

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