

Appendix to the paper "Code smell prediction employing machine learning meets emerging Java language constructs"

Hanna Grodzicka, Michał Kawa, Zofia Łakomiak, Arkadiusz Ziobrowski, Lech Madeyski (✉)

The Appendix includes two tables containing the dataset used in the paper "Code smell prediction employing machine learning meets emerging Java language constructs".

The first table contains information about 792 projects selected for R package `reproducer` [Madeyski and Kitchenham(2019)]. Projects were the base dataset for creating the dataset used in the study (Table I).

The second table contains information about 281 projects filtered by Java version from build tool Maven (Table II) which were directly used in the paper.

TABLE I: Base projects used to create the new dataset

#	Orgasation	Project name	GitHub link	Commit hash	Build tool	Java version
1	adobe	aem-core-wcm-components	www.github.com/adobe/aem-core-wcm-components	1d1f1d70844c9e07cd694f028e87f85d926aba94	other or lack of	unknown
2	adobe	S3Mock	www.github.com/adobe/S3Mock	5aa299c2b6d0f0fd00f8d03fda560502270afb82	MAVEN	8
3	alexa	alexa-skills-kit-sdk-for-java	www.github.com/alexa/alexa-skills-kit-sdk-for-java	bf1e9ccc50d1f3f8408f887f70197ee288fd4bd9	MAVEN	8
4	alibaba	ARouter	www.github.com/alibaba/ARouter	93b328569bbdbf75e4aa87f0ecf48c69600591b2	GRADLE	unknown
5	alibaba	atlas	www.github.com/alibaba/atlas	e8c7b3f1f14b2a1df64321c6992b796cae7d732	GRADLE	unknown
6	alibaba	canal	www.github.com/alibaba/canal	08167c95c767fd3c9879584c0230820a8476a7a7	MAVEN	7
7	alibaba	cobar	www.github.com/alibaba/cobar	bc36a14d4a3f8acc0db0b3b07a7db8d38afefda5	MAVEN	6
8	alibaba	druid	www.github.com/alibaba/druid	768469fe4d1340efe10366453366a58c9ab7e30d1	MAVEN	6
9	alibaba	fastjson	www.github.com/alibaba/fastjson	05fb7c5f8bb02351574f4921806092b45ce1dd90	MAVEN	6
10	alibaba	java-dns-cache-manipulator	www.github.com/alibaba/java-dns-cache-manipulator	eab50ee5c27671f9159b55458301f9429b2fcc47	MAVEN	6
11	alibaba	jetcache	www.github.com/alibaba/jetcache	bc97c826555ba54b56799746db20b213bf8cfbd	MAVEN	8
12	alibaba	jstorm	www.github.com/alibaba/jstorm	5d6cde22dbca7df3d6e6830bf94f98a6639ab559	MAVEN	7
13	alibaba	jvm-sandbox	www.github.com/alibaba/jvm-sandbox	5ff3554ce2fcbe5eb9dd0ecc01c3a1d53c3e12e	MAVEN	6
14	alibaba	otter	www.github.com/alibaba/otter	a939897df75ae8aafdcbbce0205d13ac87d6fdb	MAVEN	6
15	alibaba	QLEXPRESS	www.github.com/alibaba/QLEXPRESS	0e74a742e1cc74ed1cf6e8b08b6c966b6b953152f	MAVEN	6
16	alibaba	Tangram-Android	www.github.com/alibaba/Tangram-Android	ea09c829ec93f99726db970af970054777c92bd7	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
17	alibaba	TProfiler	www.github.com/alibaba/TProfiler	8344d1ae2d4a83f6c7ead16fec392b5fce95bba5	MAVEN	6
18	alibaba	UltraViewPager	www.github.com/alibaba/UltraViewPager	c16d1d401d3ba5420281db63c61461143007cd79	GRADLE	unknown
19	alibaba	Virtualview-Android	www.github.com/alibaba/Virtualview-Android	30c65791f34458ec840e00d2b84ab2912ea102f0	GRADLE	unknown
20	alibaba	vlayout	www.github.com/alibaba/vlayout	bbd2ba451361d1ebde6dca00d7e6ffa89bf6e1cf	GRADLE	unknown
21	alibaba	yugong	www.github.com/alibaba/yugong	de9ebf138d87d1af6f31aa0013c7d00c2b8491f4	MAVEN	8
22	amzn	amazon-pay-sdk-java	www.github.com/amzn/amazon-pay-sdk-java	5a3547d00c796aab8f0c8ac12e0310f7a5c4678a	MAVEN	6
23	amzn	exoplayer-amazon-port	www.github.com/amzn/exoplayer-amazon-port	90cf56092dca07e8752f8f7e063a0b3b98313942	GRADLE	unknown
24	amzn	ion-java	www.github.com/amzn/ion-java	a19302d1ebcc5e8ca41d19342581364f89d09c1a	MAVEN	11
25	apache	accumulo	www.github.com/apache/accumulo	f896c98c2356a52dfa2235d2cc02ae556ab17909	MAVEN	8
26	apache	accumulo-examples	www.github.com/apache/accumulo-examples	3f3586bd237c8144bf9636c11889846b6dd6a654	MAVEN	8
27	apache	accumulo-testing	www.github.com/apache/accumulo-testing	d87d448278d43750cc978e9f37bacaf7e8591bb9	MAVEN	8
28	apache	activemq	www.github.com/apache/activemq	ccf56875b0660214e0a61bd2f8adc418143551fc	ANT; MAVEN	8
29	apache	activemq-apollo	www.github.com/apache/activemq-apollo	8e4b134b2a5d3576aa62cd8df9905a9fe2eba2d0	MAVEN	6
30	apache	activemq-artemis	www.github.com/apache/activemq-artemis	5bd5c610195d6f4a3dd1ac28170727003f8a5a54	MAVEN	8
31	apache	airavata	www.github.com/apache/airavata	391843a0eeefa7b6213e845f2f044b4e042894d5	MAVEN	8
32	apache	ambari	www.github.com/apache/ambari	2bc4779a1e6aabe638101fc8b0e28cd1963d6b13	MAVEN	7
33	apache	ant	www.github.com/apache/ant	9722f062dc68d6c321faf751621162ac8444c585	ANT; MAVEN	unknown
34	apache	ant-antlibs-antunit	www.github.com/apache/ant-antlibs-antunit	cac02039dc3f06abd550ba5bacec5f5212b033eb	ANT	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
35	apache	ant-ivy	www.github.com/apache/ant-ivy	4ffc8f06f238b17e78e8033c3e8278833e452eb	ANT	unknown
36	apache	ant-ivyde	www.github.com/apache/ant-ivyde	d7f55c6475627ad6a899e3fbb88eb49f572ba63b	ANT; MAVEN	unknown
37	apache	apex-core	www.github.com/apache/apex-core	d17f464fcdf19778e2f8edbe2b03419151558068	MAVEN	8
38	apache	apex-malhar	www.github.com/apache/apex-malhar	1acaf15f425d72f19bb590c667987ed5d81d7f25	MAVEN	6
39	apache	archiva	www.github.com/apache/archiva	d1242030bf232c0d9b68e4402188ee261924bf4b	MAVEN	8
40	apache	aries	www.github.com/apache/aries	52293d20268de7c98833846ded2b70d6476773de	MAVEN	7
41	apache	aries-jax-rs-whiteboard	www.github.com/apache/aries-jax-rs-whiteboard	73ef94bb74159e97bbe834c3e17a7eb3c34b7bf6	MAVEN	unknown
42	apache	aries-jpa	www.github.com/apache/aries-jpa	f8a04dfabbf0853af07926e4d8f8028b0d829bc8	MAVEN	8
43	apache	aries-rsa	www.github.com/apache/aries-rsa	f5aa5ca62c3948d7e471c3a839089180650cf4f2	MAVEN	8
44	apache	asterixdb	www.github.com/apache/asterixdb	223d13a06c4a4a58408aeac19674ac1f36f5ff35	ANT; MAVEN	unknown
45	apache	atlas	www.github.com/apache/atlas	af1719a3472d1d436d0fc685fe9f88d8a754ef94	MAVEN	8
46	apache	attic-polygene-java	www.github.com/apache/attic-polygene-java	031beef870302a0bd01bd5895ce849e00f2d5d5b	GRADLE	unknown
47	apache	aurora	www.github.com/apache/aurora	6ec953f27f7f80366d6bf4c8e7cba0e62a874753	GRADLE	unknown
48	apache	avro	www.github.com/apache/avro	1119b6eb5b92730b27e9798793bc67f192591c15	ANT; MAVEN	8
49	apache	axis1-java	www.github.com/apache/axis1-java	7043f1ab0397d1ae35f879f2bcc99be1e9b55644	ANT; MAVEN	1.4
50	apache	axis2-java	www.github.com/apache/axis2-java	372582df483eb7991f85b6d0e765aec62339cdb7	ANT; MAVEN	7
51	apache	bahir-flink	www.github.com/apache/bahir-flink	45b6beb522ada24b644e11c470cb743551469ae1	MAVEN	8
52	apache	batik	www.github.com/apache/batik	8b9b758641a11c43c4e9493386268fa0dc5c7efb	ANT; MAVEN	6

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
53	apache	beam	www.github.com/apache/beam	a956ff77a8448e5f2c12f6695fec608348b5ab60	GRADLE; MAVEN	unknown
54	apache	bigtop	www.github.com/apache/bigtop	2cfcee08fc39a5f0b918ff2b895e1620344b390b	GRADLE; MAVEN	8
55	apache	bookkeeper	www.github.com/apache/bookkeeper	f26a4cae0e9205ad391c6d4d79f2937871864c28	MAVEN	8
56	apache	brooklyn-library	www.github.com/apache/brooklyn-library	89795c5d67d594259df9b4ea8bae766660e8b283	MAVEN	unknown
57	apache	brooklyn-server	www.github.com/apache/brooklyn-server	880eb1da00f6358d7fd76d065322e3685bfb1a04	MAVEN	8
58	apache	bval	www.github.com/apache/bval	e6609f749af49ea2e554e8f65a5c1bf6d384ad90	MAVEN	unknown
59	apache	calcite	www.github.com/apache/calcite	a648f9c12309cc253628930b0cab98591caa66ab	MAVEN	8
60	apache	calcite-avatica	www.github.com/apache/calcite-avatica	9cf1a92c58f2fbac5ea5723f0b13e5bec436432b	MAVEN	8
61	apache	camel	www.github.com/apache/camel	8a85a70643c4d6ecc2d3abddea44ecb06c2f486	MAVEN	8
62	apache	cassandra	www.github.com/apache/cassandra	e191aff385053bdb5325f15bc6d16d2dc0ee0589	ANT	unknown
63	apache	cayenne	www.github.com/apache/cayenne	5be5235ed1c02589b6300e9729cf3c308c0173e8	GRADLE; MAVEN	8
64	apache	chemistry-openemis	www.github.com/apache/chemistry-openemis	ef8513d708e5e21710afe5caf8b32a62a0ac532	MAVEN	8
65	apache	chukwa	www.github.com/apache/chukwa	65f6972859115a4ddad6def06475465f0971e9ae	ANT; MAVEN	8
66	apache	clerezza	www.github.com/apache/clerezza	ab278b609cfe1fee9704abb563679ae952bcc47f	MAVEN	6
67	apache	cloudstack	www.github.com/apache/cloudstack	8d3feb100aab4a45b31a789f444038b892161eec	MAVEN	8
68	apache	cocoon	www.github.com/apache/cocoon	5d942db1ab41f8d31eb07b30c2c9ec5833c593c1	ANT; MAVEN	6
69	apache	commons-bcel	www.github.com/apache/commons-bcel	41aac40d94cc055e05d860305fe5a6fc8d3f8772	MAVEN	8
70	apache	commons-beanutils	www.github.com/apache/commons-beanutils	33a067788f2a414c0b019f8d8974cc455c1982a4	ANT; MAVEN	8

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71	apache	commons-bsf	www.github.com/apache/commons-bsf	88b2601a3caecc32aba38f2b3980d646e9a1b698	ANT; MAVEN	1.3
72	apache	commons-chain	www.github.com/apache/commons-chain	2e6b29c77be1908f70a1aa4830e885e856e72ebe	MAVEN	6
73	apache	commons-cli	www.github.com/apache/commons-cli	c5536b7f82862fe798ae91c44b4a8a2df049d06a	MAVEN	7
74	apache	commons-codec	www.github.com/apache/commons-codec	7b2ab4a2659b987b823c7cb0a163c766557da802	MAVEN	8
75	apache	commons-collections	www.github.com/apache/commons-collections	bb0781551c7f1d7ddd28733acff95e1f130e766c	MAVEN	8
76	apache	commons-compress	www.github.com/apache/commons-compress	1881a202fbec4466f3766eaa0057370d7007401b	MAVEN	7
77	apache	commons-configuration	www.github.com/apache/commons-configuration	34357e075d63c3634310878636f9498847badcab	MAVEN	8
78	apache	commons-crypto	www.github.com/apache/commons-crypto	7b7a36d603ad943ac033469b1e889946c947a385	MAVEN	8
79	apache	commons-csv	www.github.com/apache/commons-csv	766562306cec616902ca389f7b6bf2da0ac8111c	MAVEN	8
80	apache	commons-dbcip	www.github.com/apache/commons-dbcip	d3afaa64f8d2ab6eb8f6b08979bd9d265589352	MAVEN	8
81	apache	commons-dbtutils	www.github.com/apache/commons-dbtutils	b4c8f2470a454807d8d8afb9b16fb8bf44511d9	MAVEN	7
82	apache	commons-digester	www.github.com/apache/commons-digester	1a39dff24947b3fdd1027fb611f91b8cfe7d1d56	MAVEN	7
83	apache	commons-email	www.github.com/apache/commons-email	5a97df842ebfd707711fa7511c2e273f324e043	MAVEN	7
84	apache	commons-exec	www.github.com/apache/commons-exec	2da60ab3eefaa2f8a434ded1eebe1ce17efd34a	ANT; MAVEN	1.5
85	apache	commons-fileupload	www.github.com/apache/commons-fileupload	998e93b29067f41093310bb47da4f63a1a884fba	MAVEN	8
86	apache	commons-functor	www.github.com/apache/commons-functor	205fef6742c4e29748bb2d6e76c74fff0893f667	MAVEN	1.5
87	apache	commons-imaging	www.github.com/apache/commons-imaging	fa7c16f434061d441d1c0d9dbcf0f4c3092c880	MAVEN	7
88	apache	commons-io	www.github.com/apache/commons-io	19cd138d25fb461dc57125589a026ca0fa8f7805	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
89	apache	commons-jci	www.github.com/apache/commons-jci	c426704366820b1448b1ae65174e81f4fb145961	MAVEN	1.5
90	apache	commons-jcs	www.github.com/apache/commons-jcs	ad897014842fc830483f32fdb903f3bb8f70289	MAVEN	8
91	apache	commons-jelly	www.github.com/apache/commons-jelly	48c008cc2328402e0976295625b32c5197ba2324	ANT; MAVEN	7
92	apache	commons-jexl	www.github.com/apache/commons-jexl	c39f4cf674000f45e23597fa945a0421aac79cbf	MAVEN	6
93	apache	commons-jxpath	www.github.com/apache/commons-jxpath	eff47ab8ca52fdbce91d1313cc224324465dd043e	ANT; MAVEN	7
94	apache	commons-lang	www.github.com/apache/commons-lang	4b0f3ed081fc9b82778deeb7b7babef5b6f5ecf4	MAVEN	8
95	apache	commons-logging	www.github.com/apache/commons-logging	0548efba5be8c7dd04f71d81e642488fec6f5472	ANT; MAVEN	6
96	apache	commons-math	www.github.com/apache/commons-math	f3719d89ab6a928e8618bbe6a7da8214d9d6eb07	ANT; MAVEN	8
97	apache	commons-net	www.github.com/apache/commons-net	fb7aae4c64f7d2bf6dced00c49c3ffc428b2d572	MAVEN	6
98	apache	commons-numbers	www.github.com/apache/commons-numbers	cfad08c08b18bec5cde044aa547e8c060e9bfac4	MAVEN	8
99	apache	commons-ognl	www.github.com/apache/commons-ognl	0703126efc7962b9a442dce0af6af8731c7c34a6	MAVEN	1.5
100	apache	commons-pool	www.github.com/apache/commons-pool	cd9112f433bf9f4bc8829a15fc31d1af06740e4a	MAVEN	7
101	apache	commons-proxy	www.github.com/apache/commons-proxy	838024d7d8193d181506568fec9e681b6e11e59a	MAVEN	6
102	apache	commons-rdf	www.github.com/apache/commons-rdf	796708dda0f14db438caf791e1ff572340fe04ea	MAVEN	8
103	apache	commons-rng	www.github.com/apache/commons-rng	85c9744774b2984201ded41ea75dbacc62117a99	MAVEN	6
104	apache	commons-scxml	www.github.com/apache/commons-scxml	2bd93bad71dfe185e24ca673b7e74a6c594075c3	MAVEN	8
105	apache	commons-text	www.github.com/apache/commons-text	fa62805615082bc1ce02c46a6b1c8d0383aa09b	MAVEN	8
106	apache	commons-validator	www.github.com/apache/commons-validator	a3771313c9f1833abf32c7c294ad1de4810e532d	MAVEN	6

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107	apache	commons-vfs	www.github.com/apache/commons-vfs	fe61e3b164970d381cda1d89670420a2c32a9629	MAVEN	8
108	apache	commons-weaver	www.github.com/apache/commons-weaver	13add7c734d637a5376e7aa9a828db64063487a9	ANT; MAVEN	8
109	apache	cordova-android	www.github.com/apache/cordova-android	9531dbbc7b982a819fc4436e856f654988a43bee	ANT; GRADLE	unknown
110	apache	creadur-rat	www.github.com/apache/creadur-rat	271cb2fd3d3dea168c09cab358d566db7549102	ANT; MAVEN	1.5
111	apache	crunch	www.github.com/apache/crunch	9b8849cfd89f1e7f187b99914163509060692aa5	MAVEN	7
112	apache	ctakes	www.github.com/apache/ctakes	79be3ba2833857714bb301449f021cca36f373e6	other or lack of	unknown
113	apache	curator	www.github.com/apache/curator	5ff795271b21c2b8f487a69efabac834fb714383	MAVEN	8
114	apache	cxf	www.github.com/apache/cxf	6bf89e9c8804c8845ec4d38583dd33eea8256439	ANT; MAVEN	8
115	apache	cxf-dosgi	www.github.com/apache/cxf-dosgi	2273b635daf2a36b37c1c2ba30630636aabcbcb2295	MAVEN	unknown
116	apache	cxf-fediz	www.github.com/apache/cxf-fediz	553ae6e3adeb92b7d6300e5c0ad83ed6322e28bd	MAVEN	unknown
117	apache	cxf-xjc-utils	www.github.com/apache/cxf-xjc-utils	e8ae021a6b60992fc6baf0e29a8bc71b6079da6e	MAVEN	unknown
118	apache	datafu	www.github.com/apache/datafu	3e52d11f75956ac3e6d2384816affe5a565ab61d	GRADLE	unknown
119	apache	deltaspikes	www.github.com/apache/deltaspikes	6de805f9687178eca316b13e59ce717165f90a26	MAVEN	6
120	apache	derby	www.github.com/apache/derby	bd246fc89d4fce3f82f8344074ecb8a4713418df	ANT; MAVEN	1.4
121	apache	directory-fortress-commander	www.github.com/apache/directory-fortress-commander	73aadbad04fc9ec8b14faa2191c4c9545f3396a4	MAVEN	8
122	apache	directory-fortress-core	www.github.com/apache/directory-fortress-core	180e1f017d9077756eebe02cb852e86a39f84f99	ANT; MAVEN	unknown
123	apache	directory-fortress-enmasse	www.github.com/apache/directory-fortress-enmasse	2f98b429a48efc2081e86a88f998fbd66da90ba	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
124	apache	directory-kerby	www.github.com/apache/directory-kerby	19fa650424f60d23d1c1bf0af4bb80ffcb8d8843	MAVEN	7
125	apache	directory-ldap-api	www.github.com/apache/directory-ldap-api	5b93e102556ad2191b5d30411708410d1b1a9d71	MAVEN	8
126	apache	directory-server	www.github.com/apache/directory-server	310007cc1c7eb5415f93bed67d45553bc70980820	MAVEN	unknown
127	apache	directory-studio	www.github.com/apache/directory-studio	e8f15ea553a3ae7bebc2fe96d6a2864e188f8017	MAVEN	8
128	apache	drill	www.github.com/apache/drill	5e2251a9fd659b81ebfcd6702ee4ee16b3f7b6b3	MAVEN	8
129	apache	eagle	www.github.com/apache/eagle	7ac9421c2c27d12ae88f001866b4444310fcaa3f	ANT; MAVEN	8
130	apache	empire-db	www.github.com/apache/empire-db	933dce5536fe157cd6b5e924a2c623acf6cb083	MAVEN	6
131	apache	falcon	www.github.com/apache/falcon	470e5e9f5de9ba1b6149dec60e87d3a04270eda3	MAVEN	7
132	apache	felix	www.github.com/apache/felix	a132994b250751d4ba3b115ee070ba397d9840ca	ANT; GRADLE; MAVEN	1.5
133	apache	fineract	www.github.com/apache/fineract	210e380df3ca5c74c8c2fa09e7fe1cffdb87e20a	GRADLE	unknown
134	apache	fineract-cn-api	www.github.com/apache/fineract-cn-api	d528dcca5fa09f87e3898245fbafee23175aecdl	GRADLE	unknown
135	apache	fineract-cn-customer	www.github.com/apache/fineract-cn-customer	251ae08f7607a4feab8a4e5ba09c105b5f35c3be	GRADLE	unknown
136	apache	fineract-cn-demo-server	www.github.com/apache/fineract-cn-demo-server	a33966140778aa6cd6a697cd5ca6732c8d8a9361	GRADLE	unknown
137	apache	fineract-cn-payroll	www.github.com/apache/fineract-cn-payroll	9f53efc1a7e813c0c1870534a8c8667d04d6c34b	GRADLE	unknown
138	apache	fineract-cn-portfolio	www.github.com/apache/fineract-cn-portfolio	f0eaa1850586b783351b4fbeb9003ddb9007245a	GRADLE	unknown
139	apache	flink	www.github.com/apache/flink	8068c8775ad067d75828e6360e7e0994348da9b9	MAVEN	8
140	apache	flume	www.github.com/apache/flume	7d3396f26dc1541e9d2a540d50d15a15c38acb74	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
141	apache	fluo	www.github.com/apache/fluo	8e06204d4167651e2d3b5219b8c1397644e6ba6e	MAVEN	8
142	apache	fop	www.github.com/apache/fop	caced35327f6b6d6eeac2a13543f3c458e902101	ANT; MAVEN	6
143	apache	freemarker	www.github.com/apache/freemarker	02fa5edb3cde53f284551c09ecc13301b0e83d0b	ANT	unknown
144	apache	ftpsrvr	www.github.com/apache/ftpsrvr	c39b8226f98328fac7dd897b03712fa11e5ca97a	MAVEN	1.5
145	apache	geode	www.github.com/apache/geode	8fd839e8b73e40bd2dfd14f331b587431bd35a66	GRADLE	unknown
146	apache	geode-examples	www.github.com/apache/geode-examples	461f03614d389325496a82874cd5cf8b3329afdf	GRADLE	unknown
147	apache	geronimo-config	www.github.com/apache/geronimo-config	020fd1e28beaf885b5c85457f7a0c23de439a12	MAVEN	8
148	apache	geronimo-safeguard	www.github.com/apache/geronimo-safeguard	ad4b701c50759024adcc926f7612761b1f50f2f7	MAVEN	8
149	apache	geronimo-xbean	www.github.com/apache/geronimo-xbean	e6191cc3a98755894ec9997e78214972d29040c4	MAVEN	unknown
150	apache	giraph	www.github.com/apache/giraph	d3bf4a2cf53477cf9d217b216c906cb7801217	ANT; MAVEN	unknown
151	apache	gora	www.github.com/apache/gora	e325402aaa84d4f1501eb00c2c3f5c15e32713ca	GRADLE; MAVEN	unknown
152	apache	griffin	www.github.com/apache/griffin	1cf2a15452a9998da4ede6d61fe8a7138dd65341	MAVEN	8
153	apache	groovy	www.github.com/apache/groovy	00ee0547c00673a93e0843a9d72c8e4293d1efdb	GRADLE	unknown
154	apache	guacamole-client	www.github.com/apache/guacamole-client	44df0e36e0ca6386cd566b359dd007e8596a8445	MAVEN	8
155	apache	hadoop	www.github.com/apache/hadoop	128dd91e10080bdebc7d555fa3c4105e55a6b51	MAVEN	unknown
156	apache	hadoop-common	www.github.com/apache/hadoop-common	42a61a4fbc88303913c4681f0d40ffc737e70b5	MAVEN	6
157	apache	hadoop-hdfs	www.github.com/apache/hadoop-hdfs	b2d2a3262c587638db04c2991d48656b3d06275c	ANT; MAVEN	1.5
158	apache	hadoop-mapreduce	www.github.com/apache/hadoop-mapreduce	307cb5b316e10defdbbc228d8cddcb627191ea15	ANT	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
159	apache	hama	www.github.com/apache/hama	734a4d7337cbd132623c7dcb84c300de428d13bf	MAVEN	8
160	apache	hbase	www.github.com/apache/hbase	44f8abd5c65c59e9d09f6ad14b3c825f145d8e4f	MAVEN	unknown
161	apache	hcatalog	www.github.com/apache/hcatalog	b86e42b8a3c16b36ea0e6585f721e67f3b327b7a	ANT; MAVEN	6
162	apache	helix	www.github.com/apache/helix	0431ef007610093a5b8cde38649be8bfc056df43	MAVEN	unknown
163	apache	hive	www.github.com/apache/hive	2fa22bf360898dc8fd1408bfce96e1c6aeaf9a53	ANT; MAVEN	8
164	apache	htpasyncclient	www.github.com/apache/htpasyncclient	3c8ef96b5d836aa94ae765ee05ee525856633395	other or lack of	unknown
165	apache	httpcomponents-client	www.github.com/apache/httpcomponents-client	35a2ff2671a513d640e1e85319270c7c868938c6	MAVEN	7
166	apache	httpcomponents-core	www.github.com/apache/httpcomponents-core	589fe21a0bd3481431f08d296fff1e323a8f497d	MAVEN	7
167	apache	ignite	www.github.com/apache/ignite	7a7c407ea41477aae8508bfe871b4e9a67e1b277	GRADLE; MAVEN	8
168	apache	incubator-ambari	www.github.com/apache/incubator-ambari	bf747346312170834c6be89a60c8624b47aa288	MAVEN	6
169	apache	incubator-atlas	www.github.com/apache/incubator-atlas	e0d2cdc27c32742ebecd24db4cca62dc04dcd4b	MAVEN	7
170	apache	incubator-batchee	www.github.com/apache/incubator-batchee	d4ad6b76d3013a7eb74f7be062aeac305215d6a36	MAVEN	6
171	apache	incubator-brooklyn	www.github.com/apache/incubator-brooklyn	337a5d22d5e9c98cc96ea1085383cbed1ee0b741	MAVEN	7
172	apache	incubator-craill	www.github.com/apache/incubator-craill	1cc0ffff6c7585d3e97b3ef7e295f534d1a22a8a	MAVEN	8
173	apache	incubator-druid	www.github.com/apache/incubator-druid	8ca7cb4886dcaeeaaea3a06aceb9e6d50eeecab5	MAVEN	8
174	apache	incubator-dubbo	www.github.com/apache/incubator-dubbo	6e4ff91dfca4395a8d1b180f40f632e97acf779d	MAVEN	8
175	apache	incubator-edgent	www.github.com/apache/incubator-edgent	2e44089358175964650fed5e2bf4ad071b05b7d6	MAVEN	8
176	apache	incubator-gobblin	www.github.com/apache/incubator-gobblin	b0d130757669a5fed7c368d44f23f8a9c0d3ed4a	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
177	apache	incubator-heron	www.github.com/apache/incubator-heron	17f1b06ffied0c242b181b3e945c7e6a31478751	MAVEN	8
178	apache	incubator-hivemall	www.github.com/apache/incubator-hivemall	37293f64789fbf94d83560374610c1e12db6988c	MAVEN	7
179	apache	incubator-hudi	www.github.com/apache/incubator-hudi	194d904c99ebd013af55eac7509e3e79193dce77	MAVEN	8
180	apache	incubator-myriad	www.github.com/apache/incubator-myriad	82297a4cd60f1b1b17ddca1a7ea11eb26a2beecb	GRADLE	unknown
181	apache	incubator-netbeans	www.github.com/apache/incubator-netbeans	c6eb7aa76370f9a059736b686ba2b1f5f622e87c	ANT; GRADLE; MAVEN	8
182	apache	incubator-netbeans-html4j	www.github.com/apache/incubator-netbeans-html4j	7b354fd0de6a8aeba13aab8264de1c974af5d9c0	GRADLE; MAVEN	7
183	apache	incubator-omid	www.github.com/apache/incubator-omid	b7e005d41aa5c7421ddc77e0082b26c8bd21b207	MAVEN	7
184	apache	incubator-pinot	www.github.com/apache/incubator-pinot	d58f8bce4b59de096b4ee9fee61c679482dd1d7d	MAVEN	8
185	apache	incubator-plc4x	www.github.com/apache/incubator-plc4x	4fbfabi5a33198613b8478259ab85771c740fb0e	MAVEN	8
186	apache	incubator-ratis	www.github.com/apache/incubator-ratis	1fc5acedda4dbd7c62fe73c8656c792871f4661f	MAVEN	unknown
187	apache	incubator-rya	www.github.com/apache/incubator-rya	5463da23c7cd5eaddf2ab13f0b42141211ab59f2	MAVEN	8
188	apache	incubator-samoa	www.github.com/apache/incubator-samoa	6e6bb1817927d5610d007606922a473882d593aa	MAVEN	7
189	apache	incubator-sentry	www.github.com/apache/incubator-sentry	4643f988a5e0ce2b9749e6365edea3a16482de86	MAVEN	unknown
190	apache	incubator-shardingsphere	www.github.com/apache/incubator-shardingsphere	c5cf1d15b02f3a0fb3bda4f15d5f0b3779eac7ba	MAVEN	7
191	apache	incubator-shardingsphere-example	www.github.com/apache/incubator-shardingsphere-example	12a239dfdde09e682fe61aa5bdc419a66049a675	MAVEN	7
192	apache	incubator-skywalking	www.github.com/apache/incubator-skywalking	32c4bced8a7e055003d6e4bea0fd8f8361bec8c5	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
193	apache	incubator-tamaya	www.github.com/apache/incubator-tamaya	4fb489827bdcaabff1542500a92ef9ab76769185	MAVEN	8
194	apache	incubator-taverna-common-activities	www.github.com/apache/incubator-taverna-common-activities	65324f4315216ca350bbece221dd2571b3506a36	MAVEN	unknown
195	apache	incubator-taverna-engine	www.github.com/apache/incubator-taverna-engine	98536c6b702a0541debbb66be996455384561b54	MAVEN	unknown
196	apache	incubator-taverna-mobile	www.github.com/apache/incubator-taverna-mobile	0b08a7e0114b8e95aa1d787938068f6f58564bdf	GRADLE	unknown
197	apache	incubator-taverna-workbench	www.github.com/apache/incubator-taverna-workbench	2b74964ac1ee22e56c5dad3321869d84f7052dcf	MAVEN	unknown
198	apache	incubator-tez	www.github.com/apache/incubator-tez	e8dc9f72f9d720e5bdf7b3005d904451a02ce2b	MAVEN	unknown
199	apache	isis	www.github.com/apache/isis	2.af2ef3e2edcb807d742f089839e0571d8132bd9	GRADLE; MAVEN	8
200	apache	jackrabbit	www.github.com/apache/jackrabbit	392b94da5db9d2f5670f2db530eb5952c8189fdb	MAVEN	1.5
201	apache	jackrabbit-oak	www.github.com/apache/jackrabbit-oak	fa85f54a065e01c0a1cb8c03af74194fd521ddd	MAVEN	8
202	apache	james-mime4j	www.github.com/apache/james-mime4j	68b2028c677b04af90d812e2ba200aa242b5e1d1	ANT; MAVEN	1.5
203	apache	james-project	www.github.com/apache/james-project	fa24a096a5853459c3769a34ccc68feb91626bfa	ANT; MAVEN	unknown
204	apache	jclouds	www.github.com/apache/jclouds	c2670079fabe74f163f43fbade0866469f7a84ec	MAVEN	unknown
205	apache	jena	www.github.com/apache/jena	1cca775bbf0bb0fd3ee8ac55e31f0f30cddc3b77	MAVEN	8
206	apache	jmeter	www.github.com/apache/jmeter	0facf1525a7d0bd816efd33e72309856e901a883	ANT	unknown
207	apache	johnzon	www.github.com/apache/johnzon	0e77865fea3a84c08ee1609fbf8b23dfc8d7903d	MAVEN	8
208	apache	joshua	www.github.com/apache/joshua	e9cb9ebb495782f4ed238e08e64f5503085641fc	MAVEN	8
209	apache	jspwiki	www.github.com/apache/jspwiki	820684992fa0b736505506d6810fdcdf7ad2dbb5	ANT; MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
210	apache	juneau	www.github.com/apache/juneau	1bd3d8be0ed8a51a0a68ccef2d1d6778baa4b6ee	MAVEN	8
211	apache	kafka	www.github.com/apache/kafka	c74acb24eb1da5d16cc2721a63931cd87f79ec66	GRADLE; MAVEN	8
212	apache	karaf	www.github.com/apache/karaf	4f180ea216c284d21b2d44efa6292b2495a3c8ea7	MAVEN	8
213	apache	karaf-cave	www.github.com/apache/karaf-cave	7752c886d9ea2f85c918e6e1b597eb6f3e74e458	MAVEN	7
214	apache	karaf-cellar	www.github.com/apache/karaf-cellar	4082b26110e56973dceb2563395f8aed3f294dd1	MAVEN	7
215	apache	knox	www.github.com/apache/knox	8a504c7c7f8e6a07ded65c671b64ccd702f47668	ANT; MAVEN	8
216	apache	kylin	www.github.com/apache/kylin	6ee0212af9d5b50096850c9cb76031b7cdd67402	other or lack of	unknown
217	apache	lens	www.github.com/apache/lens	f64a0f5984216a61f0a2c5ef90510a88390acde0	MAVEN	8
218	apache	log4j	www.github.com/apache/log4j	7be00eed88152dd011a619e8bae5a631235c3f4c	ANT; MAVEN	1.4
219	apache	logging-chainsaw	www.github.com/apache/logging-chainsaw	b7277083a7105916a9d054045d188a553623c6b5	ANT; MAVEN	8
220	apache	logging-log4j-audit	www.github.com/apache/logging-log4j-audit	e354306724ca815ad54575c8a4d07d5d5c93a2c1	MAVEN	8
221	apache	logging-log4j-tools	www.github.com/apache/logging-log4j-tools	2c6fc5a733799897ed6833265dbef7cda3a98c54	MAVEN	7
222	apache	logging-log4j2	www.github.com/apache/logging-log4j2	9b6bb237ae8771ffb6d61ed07b0acb4f4dc2da6	MAVEN	8
223	apache	lucene-solr	www.github.com/apache/lucene-solr	bca22d58e2d126ec6d349d375d3ea028892104e1	ANT	unknown
224	apache	mahout	www.github.com/apache/mahout	b0cf1694e60f643e352182ea03744c34e96dbac4	MAVEN	8
225	apache	manifoldcf	www.github.com/apache/manifoldcf	542db79eb8662c086e39ee7deac743da430f5714	ANT; MAVEN	8
226	apache	marmotta	www.github.com/apache/marmotta	28c9b8b0791ea1693578af302981a1358e56933d	MAVEN	7
227	apache	maven	www.github.com/apache/maven	f5a13746e13e6225b28f8ba6e16fc8f02946dd6	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
228	apache	maven-antrun-plugin	www.github.com/apache/maven-antrun-plugin	c30232e9c9eed27f44f038070cb009a654e9dcbd	ANT; MAVEN	7
229	apache	maven-archetype	www.github.com/apache/maven-archetype	04921ccae9c111338121e3acb54b7b23f7f57c7b	MAVEN	unknown
230	apache	maven-assembly-plugin	www.github.com/apache/maven-assembly-plugin	9293ae87f8998f99261c2df516656661916973db	MAVEN	7
231	apache	maven-checkstyle-plugin	www.github.com/apache/maven-checkstyle-plugin	eee0ba18a70e6d6bd51797c70a83cf844f882286	MAVEN	7
232	apache	maven-compiler-plugin	www.github.com/apache/maven-compiler-plugin	3d6b27cc81c3dde2d537ca3be1117d470d0017f3	MAVEN	7
233	apache	maven-dependency-plugin	www.github.com/apache/maven-dependency-plugin	053897c5a42236c7810f1fd2d3d43fd2c00aefc	MAVEN	7
234	apache	maven-deploy-plugin	www.github.com/apache/maven-deploy-plugin	8f5aae8acde646670de7890e6ed1ab4be72751ce	MAVEN	7
235	apache	maven-doxia	www.github.com/apache/maven-doxia	f418bd7ccebd55a2eb2d7f04f74fc4bea7576103	MAVEN	unknown
236	apache	maven-enforcer	www.github.com/apache/maven-enforcer	0eb969b959e8249dfadc551875c691736f27b90a	MAVEN	7
237	apache	maven-help-plugin	www.github.com/apache/maven-help-plugin	279127622be96a0d5047386b26e55ffec3bd251	MAVEN	7
238	apache	maven-indexer	www.github.com/apache/maven-indexer	8fcb8551345c78871a6adb0f7238ccd408178d3	MAVEN	7
239	apache	maven-integration-testing	www.github.com/apache/maven-integration-testing	24a0aca91256b331e358f95bd4ee2c56a05bbfa2	MAVEN	unknown
240	apache	maven-invoker	www.github.com/apache/maven-invoker	d54317d09e971b8101c67f7ed683a9addf2322d0	MAVEN	7
241	apache	maven-jar-plugin	www.github.com/apache/maven-jar-plugin	78ddb2918fcb2086fe5601eb95bb294bcc274639	MAVEN	7
242	apache	maven-javadoc-plugin	www.github.com/apache/maven-javadoc-plugin	3ab15eb9ec04c82a4b99dc47d0879e77f989d74f	MAVEN	7
243	apache	maven-jmod-plugin	www.github.com/apache/maven-jmod-plugin	4f98dbbb585d56b800468b5bb0f694eca6bd10f5	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
244	apache	maven-pdf-plugin	www.github.com/apache/maven-pdf-plugin	c38998cafe952aa020de45b331c4fdc2bf76d15e	MAVEN	unknown
245	apache	maven-plugin-testing	www.github.com/apache/maven-plugin-testing	9efae1d4b4725ec8a92d0522e14fd51f6f123a5e	MAVEN	6
246	apache	maven-plugin-tools	www.github.com/apache/maven-plugin-tools	acfc61c76d10f4e5f790dbf457573f39f931871	MAVEN	7
247	apache	maven-plugins	www.github.com/apache/maven-plugins	a007e769ed5825774d5c31ec06c0013c8ee2b4d4	ANT; MAVEN	unknown
248	apache	maven-pmd-plugin	www.github.com/apache/maven-pmd-plugin	7cbfd7ebca92d744cd7076ad14eff4ce1a23fcb	MAVEN	7
249	apache	maven-release	www.github.com/apache/maven-release	a36864fa4327777af88b44244f65e0132b35a047	MAVEN	7
250	apache	maven-resolver	www.github.com/apache/maven-resolver	6a7f840e49d463dcf9fea61ddd2a2a291bfc90a1	MAVEN	7
251	apache	maven-resources-plugin	www.github.com/apache/maven-resources-plugin	1f22ebbdc20f19ebd2d41bc5f318017158128ba0	MAVEN	7
252	apache	maven-scm	www.github.com/apache/maven-scm	6f876b4dc33372a8527f09c23c6f698e04a771c6	MAVEN	7
253	apache	maven-shade-plugin	www.github.com/apache/maven-shade-plugin	52eed09e80190900b866f620544555087f27df58	MAVEN	7
254	apache	maven-site-plugin	www.github.com/apache/maven-site-plugin	a6810f279c678ef6f4770af90ac41a590e91d4a6	MAVEN	8
255	apache	maven-surefire	www.github.com/apache/maven-surefire	e57f76c7e858dbbaac6be4cbcd16e215de10b064	ANT; MAVEN	7
256	apache	maven-wagon	www.github.com/apache/maven-wagon	8871eb7140968bbe1c0b80fd0f1fb4c192a800b7	MAVEN	7
257	apache	maven-war-plugin	www.github.com/apache/maven-war-plugin	0bd3097c0f26f83654464efbe27379498967085c	MAVEN	7
258	apache	mecrowave	www.github.com/mecrowave	d1392c88faf48c8a3a3c544949d6ebcdfbd25229	MAVEN	unknown
259	apache	metamodel	www.github.com/metamodel	ccafcf27f4e3be03dad42791d4c1a31038433925	MAVEN	8
260	apache	metron	www.github.com/metron	17b31b48f59627a9e768a5cbe0be7ac55b5b04f8	MAVEN	8
261	apache	mina	www.github.com/mina	daf2a33fed5fccb096ce75ab9263ec9a48561942	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
262	apache	mina-sshd	www.github.com/apache/mina-sshd	2fb7ebb487154283dd6dc5db88676c179ebb01e0	MAVEN	unknown
263	apache	mnemonic	www.github.com/apache/mnemonic	80180a8240c370f292a464fba5a359129dedb5c6	MAVEN	8
264	apache	myfaces-extcdi	www.github.com/apache/myfaces-extcdi	3bfe163e4a265699aaa9d12554b40fe572b6b17	MAVEN	unknown
265	apache	myfaces-tobago	www.github.com/apache/myfaces-tobago	cdd92ed3b0a5a9e72b1544d3123d5d65d43d3d02	MAVEN	unknown
266	apache	nifi	www.github.com/apache/nifi	c8eff590efa3babcdca0b755009224dcac168708b	MAVEN	7
267	apache	nifi-minifi	www.github.com/apache/nifi-minifi	fb246621474c6a4e4b4d5cf935202dfec16ada6	MAVEN	8
268	apache	nifi-registry	www.github.com/apache/nifi-registry	563bfeda9766b7fe9d4480c55ac7212679db10c8	MAVEN	8
269	apache	nutch	www.github.com/apache/nutch	8bdec5e3ef77f816c616c978c775a0eb3b4a391a	ANT	unknown
270	apache	ode	www.github.com/apache/ode	b2ddc6436891f84716ffcbcd8c1cd1e374bd805	ANT; MAVEN	7
271	apache	ofbiz	www.github.com/apache/ofbiz	7ba7f3c2e16dfc68db0d8114e124957199cea1ff	GRADLE	unknown
272	apache	ofbiz-framework	www.github.com/apache/ofbiz-framework	b1304439219bb04c396f5d000bec9c5fbb194b59	GRADLE	unknown
273	apache	olingo-odata2	www.github.com/apache/olingo-odata2	c5e9fdf569b5e2e50f5670c91013db8f9ae1d950	MAVEN	6
274	apache	olingo-odata4	www.github.com/apache/olingo-odata4	f344a3c565b6a67233de1d1169104a728136e7a3	MAVEN	6
275	apache	oodt	www.github.com/apache/oodt	9f2a500b9d061c31ccd71fc66c4d6e40f0c25acb	MAVEN	7
276	apache	oozie	www.github.com/apache/oozie	491e73ee9f941dfb25dfe92121fb033295ef42ee	MAVEN	8
277	apache	openejb	www.github.com/apache/openejb	f10c077ade927d73bdb9ed4cc28b79f58a1cd66	ANT; MAVEN	6
278	apache	openjpa	www.github.com/apache/openjpa	8c0b843f6e0dd86a31e485928e61f2ba4c8f29	ANT; MAVEN	8
279	apache	openmeetings	www.github.com/apache/openmeetings	6d54639e4087329fee2560af15113bdb26d226ed	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
280	apache	opennlp	www.github.com/apache/opennlp	a07efca33b40f18e9d28a59f9e40924a0c8a89a5	MAVEN	8
281	apache	opennlp-addons	www.github.com/apache/opennlp-addons	3c6f3dc3f2a024333d3c2a9fb59fe3d3e5bb776b	ANT; MAVEN	7
282	apache	opennlp-sandbox	www.github.com/apache/opennlp-sandbox	37af4c6d42a9affba4f7c9bbc64175768750563f	MAVEN	6
283	apache	openwebbeans	www.github.com/apache/openwebbeans	7831798861478a035c9e9dcca151b5a67e4a28a3	MAVEN	8
284	apache	parquet-mr	www.github.com/apache/parquet-mr	811310d01bfe3dcb4ca95aa8eed9ed6d806bf7c1	MAVEN	8
285	apache	pdfbox	www.github.com/apache/pdfbox	443b7dd95c57bc83598c8c5d514ebb44a4133a43	MAVEN	7
286	apache	phoenix	www.github.com/apache/phoenix	69e5bb0b304a53967cef40b2a4cfc66e69eaa51	MAVEN	7
287	apache	pig	www.github.com/apache/pig	17a4d1795ead1f2b4c62043eaf4739ed39ec2f3f	ANT; MAVEN	unknown
288	apache	pivot	www.github.com/apache/pivot	568543f3396648a646341fe077a714eb06d556c0	ANT; MAVEN	unknown
289	apache	poi	www.github.com/apache/poi	351623a86924dab9c565e08e8eccefe151522c448	ANT; GRADLE; MAVEN	6
290	apache	portals-pluto	www.github.com/apache/portals-pluto	4db5ddd26fb2ce642be7b0894858e664c6076a3b	GRADLE; MAVEN	8
291	apache	pulsar	www.github.com/apache/pulsar	044daf8d61328265640a5b3e5008fc04fac73efa	GRADLE; MAVEN	8
292	apache	qpid	www.github.com/apache/qpid	61e6c03338f3bd20a62590baa89a36bffe32859	MAVEN	unknown
293	apache	qpid-broker-j	www.github.com/apache/qpid-broker-j	4c4400b98a5a8493c9fb9e5ddb21c97175f433a62	MAVEN	8
294	apache	qpid-jms	www.github.com/apache/qpid-jms	59f62b111687072fad3302fb4c6f91a389b4c0e6	MAVEN	8
295	apache	qpid-proton-j	www.github.com/apache/qpid-proton-j	0ca7831d222cce58f21fa368b2005a49eb3707a1	MAVEN	8
296	apache	ranger	www.github.com/apache/ranger	7c52a79a5d0b41bfc94caca9d531e0fefba2bfe7	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
297	apache	reef	www.github.com/apache/reef	abc122a37d1478530967add245e63e13bf148b9a	MAVEN	7
298	apache	rocketmq	www.github.com/apache/rocketmq	971fa8ed8b209b39bdfc41c57cd64576d244e6bd	MAVEN	8
299	apache	rocketmq-externals	www.github.com/apache/rocketmq-externals	dba6eb0c997d5c325f26b3d1da9d739d927228dc	MAVEN	7
300	apache	royale-compiler	www.github.com/apache/royale-compiler	fb9bc3b9e48c80dbd8c1d32a6f83221e314efdd	ANT; MAVEN	6
301	apache	samza	www.github.com/apache/samza	65d09d7b383be907e3f712af4a28f70895a3165f	GRADLE	unknown
302	apache	samza-hello-samza	www.github.com/apache/samza-hello-samza	6f8f94a628485a78763e8f1fa037a843d236605c	GRADLE; MAVEN	8
303	apache	santuario-java	www.github.com/apache/santuario-java	fa12dc57a16fbc637c2aac6f3af3db19fe4b187	MAVEN	8
304	apache	sentry	www.github.com/apache/sentry	f859446b65bbc274bc4899464892151ecc8217c6	MAVEN	unknown
305	apache	servicecomb-java-chassis	www.github.com/apache/servicecomb-java-chassis	72cd0e137c4a0c3b899adfa6e19e2fd590743014	GRADLE; MAVEN	8
306	apache	servicecomb-pack	www.github.com/apache/servicecomb-pack	7e36acb39d1e8a4c427403a05a6bc100111be8d6	MAVEN	8
307	apache	servicemix	www.github.com/apache/servicemix	1e01d84eaff4efd79e28df4d1680193d9d0d8a7	MAVEN	7
308	apache	servicemix-bundles	www.github.com/apache/servicemix-bundles	5f2c7727f71c167997947ad4604f9b8200952af2	MAVEN	8
309	apache	shindig	www.github.com/apache/shindig	8f3c3d5c77f5324bad56a5a62da28657fe9112a0	MAVEN	unknown
310	apache	shiro	www.github.com/apache/shiro	eeb7e9552e4d51828b4ee05b69f02c5071cbb9d6	MAVEN	6
311	apache	sis	www.github.com/apache/sis	002121abc9b9826fbd51fac7150b3ee0c02cc88b	ANT; MAVEN	8
312	apache	sling-org-api	www.github.com/apache/sling-org-api	6c82bfa48a3344f6cde99a29c2a3097d243d8e5	MAVEN	unknown
313	apache	sling-org-api	www.github.com/apache/sling-org-api	05e7d5176d5463beeed0277ed6164325f09f287	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
314	apache	sling-org-apache-sling-engine	www.github.com/apache-sling-org-apache-sling-engine	ae4dcab0a2a6282219ec76f37961e21f32f706b9	MAVEN	unknown
315	apache	sling-org-apache-sling-jcr-resource	www.github.com/apache-sling-org-apache-sling-jcr-resource	c2776c293d44eb508d6f907f0fb3aa34ad4ade87	MAVEN	unknown
316	apache	sling-org-apache-sling-models-impl	www.github.com/apache-sling-org-apache-sling-models-impl	a17cce511be752ad45256b9ebd70b9ad773edbf8	MAVEN	unknown
317	apache	sling-org-apache-sling-pipes	www.github.com/apache-sling-org-apache-sling-pipes	4ff3805158694476f28e028e2f51380c198692a5	MAVEN	unknown
318	apache	sling-org-apache-sling-resourceresolver	www.github.com/apache-sling-org-apache-sling-resourceresolver	4593aa96d879b4f7f167506b04a1943693f3eb1b	MAVEN	unknown
319	apache	sling-org-apache-sling-testing-clients	www.github.com/apache-sling-org-apache-sling-testing-clients	ae445497a273f8df8edc5c28942d479276239abc	MAVEN	unknown
320	apache	sling-org-apache-sling-xss	www.github.com/apache-sling-org-apache-sling-xss	7dc78a1579c3a6c5dc38d2851a13d9a516ec586	MAVEN	unknown
321	apache	sling-samples	www.github.com/apache-sling-samples	2b7db26069686bf2d4420a1b06b3f5c13d9415fc0	MAVEN	8
322	apache	sling-whiteboard	www.github.com/apache-sling-whiteboard	031d91286cc6fa152daf7a2cc62f1cd2f6bbf1bd	MAVEN	8
323	apache	sqoop	www.github.com/apache-sqoop	0216f7fbb7b71f610d02dfa95dafb2c81acbc690	ANT; GRADLE	unknown
324	apache	stanbol	www.github.com/apache-stanbol	2fcf471b467fb84e59491f4c54ba0a95924ab04a	MAVEN	6
325	apache	storm	www.github.com/apache-storm	dc56e32f3dcdd9396a827a85029d60ed97474786	MAVEN	8
326	apache	streams	www.github.com/apache-streams	5427e72d02bd7f1904da05cdf033359690d2dd00	MAVEN	8
327	apache	streams-examples	www.github.com/apache-streams-examples	cf1d64f31631563591de245acd1b82f6f79fda5d	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
328	apache	struts	www.github.com/apache/struts	e82c5a207f62fdb1bb6e8da690325b5a109c924f	ANT; MAVEN	8
329	apache	struts-examples	www.github.com/apache/struts-examples	59674d7d79a806c12c23380895da007c292fc42f	MAVEN	8
330	apache	struts1	www.github.com/apache/struts1	02c9ff7485b1900515c6e0b32ed54ea46d497d51	ANT; MAVEN	unknown
331	apache	syncop	www.github.com/apache/syncop	114c412afbfa24ffb4fbc804e5308a823a16a78	MAVEN	11
332	apache	systemml	www.github.com/apache/systemml	7fba4b29d653747a9ed038d282954a44fea3031c	MAVEN	8
333	apache	tajo	www.github.com/apache/tajo	fb326195083959014c82c10187cb46de91ecc33f	MAVEN	7
334	apache	tapestry-5	www.github.com/apache/tapestry-5	542950fc0266e8f9be1aacb5d6ba92146ae20f1b	GRADLE; MAVEN	8
335	apache	tez	www.github.com/apache/tez	d5675c332497c1ac1dedefd91e87476b5c0d7a9	MAVEN	8
336	apache	tika	www.github.com/apache/tika	4131c6e30f2e0eb1feb85e0f7576531d4e830468	MAVEN	7
337	apache	tiles	www.github.com/apache/tiles	2601bcd2d8c7c5f1dde663830093c426ffff3da4	MAVEN	unknown
338	apache	tinkerpop	www.github.com/apache/tinkerpop	7d9df0fac08f9e675ca7b337fc5e0243c09b53	MAVEN	8
339	apache	tomcat	www.github.com/apache/tomcat	a9c1a0661198d9ba37c1facd8385fe05d538c4ad	ANT; MAVEN	8
340	apache	tomcat-maven-plugin	www.github.com/apache/tomcat-maven-plugin	2a1797d7dce71b3d18ffc090a980162d8d67899a	MAVEN	7
341	apache	tomee	www.github.com/apache/tomee	d21933b313aff812fe5188b57bf572a9ad649148	ANT; MAVEN	8
342	apache	twill	www.github.com/apache/twill	a45c0042c7bc26acc8a9a2d3aafc95cf4acc61c9	MAVEN	7
343	apache	uima-ruta	www.github.com/apache/uima-ruta	08efb111a775b4ba01cf048ac699aa9c22188325	MAVEN	8
344	apache	uima-uimafit	www.github.com/apache/uima-uimafit	c98df465869d7f4f1d907d2821791edee762ed10	MAVEN	8
345	apache	uima-uimaj	www.github.com/apache/uima-uimaj	e79c33b5a3e4c25afb407e68e98df1829a68e5a7	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
346	apache	unomi	www.github.com/apache/unomi	1745c5221401a05e66ebf80fbe9cce2790442b3a	MAVEN	7
347	apache	usergrid	www.github.com/apache/usergrid	ac1e6e4035f9307b871478ed47246cf92cfd5f7f	MAVEN	6
348	apache	velocity-engine	www.github.com/apache/velocity-engine	c85f3e586f00fea89dc21253d017baa180957b75	MAVEN	8
349	apache	velocity-tools	www.github.com/apache/velocity-tools	6b9432af060a83alabff799ccf4c39048162cc50	MAVEN	8
350	apache	vxquery	www.github.com/apache/vxquery	5d1175d2cb04a54ba751295f2ac67daec38bf723	MAVEN	8
351	apache	webservices-xmlschema	www.github.com/apache/webservices-xmlschema	f189e891c88298f52f92cfe8f24dccb809e05607	MAVEN	unknown
352	apache	wicket	www.github.com/apache/wicket	c2d344219ef8046508ca40653c9de485b3cbd4c4	MAVEN	1.1
353	apache	wss4j	www.github.com/apache/wss4j	5c2cbd7e7377296edab02ab79fc98b84fb47f825	MAVEN	unknown
354	apache	xalan-j	www.github.com/apache/xalan-j	cba6d7fe7e93defec98d155e2a780f8a3f1fbaa	ANT	unknown
355	apache	xml-graphics-commons	www.github.com/apache/xml-graphics-commons	dabbb28ff2d80efad587b84b16c73f54379cd514	ANT; MAVEN	6
356	apache	xmlbeans	www.github.com/apache/xmlbeans	20fd11dbee92d7a032299457588820c3c40af220d	ANT	unknown
357	apache	zeppelin	www.github.com/apache/zeppelin	4219d552349f8f7f3e6de34505b8a8ae9835f98b	MAVEN	8
358	apache	zookeeper	www.github.com/apache/zookeeper	07c3aaf3d723fb3144c0aedc0c2b655325df70e9	ANT; MAVEN	8
359	aws	amazon-kinesis-video-streams-parser-library	www.github.com/aws/amazon-kinesis-video-streams-parser-library	c54e6388f0f8e2769369995b9710ffd03cf9cc67	MAVEN	8
360	aws	aws-cloudtrail-processing-library	www.github.com/aws/aws-cloudtrail-processing-library	411315808d8d3dc6b45e4182212e3e04d82e3782	MAVEN	unknown
361	aws	aws-dynamodb-encryption-java	www.github.com/aws/aws-dynamodb-encryption-java	f2fb83c7f48201f65b5ad4a8842c8e811cad5862	MAVEN	8
362	aws	aws-encryption-sdk-java	www.github.com/aws/aws-encryption-sdk-java	0dbf1d54e554398615e4a2436e9b6e1884cbb428	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
363	aws	aws-lambda-java-libs	www.github.com/aws/aws-lambda-java-libs	dd3a3267a7f80ddd42ad2b01779616cc35c48b3	MAVEN	unknown
364	aws	aws-sdk-java	www.github.com/aws/aws-sdk-java	23de459e21f976bc2c381c18ba3601184c553d28	ANT; MAVEN	8
365	aws	aws-sdk-java-v2	www.github.com/aws/aws-sdk-java-v2	1d5d11e8087c93ab1a3a2d435193052e526fd123c	MAVEN	8
366	aws	aws-toolkit-eclipse	www.github.com/aws/aws-toolkit-eclipse	49026f53fdd4f80a7fb997c9e40fe6e638a26edc	ANT; MAVEN	unknown
367	aws	aws-xray-sdk-java	www.github.com/aws/aws-xray-sdk-java	f893f6c123ce4958525d24681c1228887ce45256	MAVEN	8
368	aws	elastic-load-balancing-tools	www.github.com/aws/elastic-load-balancing-tools	2f317f73a8c01e9356cd5fe65addafcdb577941	MAVEN	8
369	aws-samples	aws-big-data-blog	www.github.com/aws-samples/aws-big-data-blog	9eb7cc30a2dfb02c15252a5bad03603a21451572	MAVEN	7
370	aws-samples	aws-device-farm-sample-app-for-android	www.github.com/aws-samples/aws-device-farm-sample-app-for-android	f3025888ccc435e547e85abe965e040f5da85910	GRADLE	unknown
371	awsdocs	amazon-rekognition-developer-guide	www.github.com/awsdocs/amazon-rekognition-developer-guide	0596a3018b210d42572080a2964e55efcce61eb4	other or lack of	unknown
372	awsdocs	amazon-s3-developer-guide	www.github.com/awsdocs/amazon-s3-developer-guide	038ef11c43698df29de7bb128522dc19a1b645ae	other or lack of	unknown
373	awsdocs	aws-doc-sdk-examples	www.github.com/awsdocs/aws-doc-sdk-examples	0f9bfb8105a92c04550b49d2ebfc582315fd4a01	MAVEN	8
374	awsdocs	aws-java-developer-guide	www.github.com/awsdocs/aws-java-developer-guide	bc1bc581286f4feb0328885c2907a2ffde2c8ef1	ANT; MAVEN	7
375	awslabs	amazon-kinesis-agent	www.github.com/awslabs/amazon-kinesis-agent	349554c73571f2e0a6ca8f4695a27d555c919e28	ANT; MAVEN	unknown
376	awslabs	amazon-kinesis-client	www.github.com/awslabs/amazon-kinesis-client	a6291857864fca86e050f980ed322402363517	MAVEN	8
377	awslabs	amazon-kinesis-scaling-utils	www.github.com/awslabs/amazon-kinesis-scaling-utils	89ecd1db779aacd9376aa69d85d320103e354a1e	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
378	awslabs	amazon-kinesis-video-streams-producer-sdk-java	www.github.com/aws-labs/amazon-kinesis-video-streams-producer-sdk-java	8e996a56e4758d34dab2f9d966da9f5ee8adc38f	MAVEN	8
379	awslabs	amazon-sqs-java-messaging-lib	www.github.com/aws-labs/amazon-sqs-java-messaging-lib	7d93e04ca453d2bbbbe67fe513f67a5ddef1cf2	MAVEN	unknown
380	awslabs	aws-codebuild-jenkins-plugin	www.github.com/aws-labs/aws-codebuild-jenkins-plugin	4d45a8699095551a1e53216ec0c98590c088019	MAVEN	7
381	awslabs	aws-codepipeline-plugin-for-jenkins	www.github.com/aws-labs/aws-codepipeline-plugin-for-jenkins	b929f72ac93ff04afdfdfc7fd4e12cd378dc486c	MAVEN	7
382	awslabs	aws-device-farm-jenkins-plugin	www.github.com/aws-labs/aws-device-farm-jenkins-plugin	07a1afae063129d512eceb1b51fc0c32bce41d62	MAVEN	unknown
383	awslabs	aws-sdk-android-samples	www.github.com/aws-labs/aws-sdk-android-samples	2c5ba6216d409c80503e5227c0a79eb3cf19179f	GRADLE	unknown
384	awslabs	aws-serverless-java-container	www.github.com/aws-labs/aws-serverless-java-container	e4f4d4de6016a60d3fe728181d24aa4d91e645ec	GRADLE; MAVEN	8
385	awslabs	dynamodb-streams-kinesis-adapter	www.github.com/aws-labs/dynamodb-streams-kinesis-adapter	99790def7904964cc40b4619dfe475dc3728c584	MAVEN	unknown
386	awslabs	emr-dynamodb-connector	www.github.com/aws-labs/emr-dynamodb-connector	7beb5708d397e3bbefa47541ddb678eb6c88c229	MAVEN	7
387	awslabs	mxnet-model-server	www.github.com/aws-labs/mxnet-model-server	4d0611fa02f325b8d63f4b66ed3565965b8659c3	GRADLE	unknown
388	baidu	Jprotobuf-rpc-socket	www.github.com/baidu/Jprotobuf-rpc-socket	4422e24c725eaf1f76646f674718bcc8750a4e1d	MAVEN	6
389	cloudfoundry	cf-java-client	www.github.com/cloudfoundry/cf-java-client	6fabcf647302158b638cf2c44cee389e1df9b964	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
390	cloudfoundry	java-buildpack-dependency-builder	www.github.com/cloudfoundry/java-buildpack-dependency-builder	d15085bcf74312af19ad40bee847e43c3b4e32ee	MAVEN	8
391	cloudfoundry	java-buildpack-security-provider	www.github.com/cloudfoundry/java-buildpack-security-provider	b20688d5d6b7996be172a77b6d4bddee51029d42	MAVEN	unknown
392	cloudfoundry	java-test-applications	www.github.com/cloudfoundry/java-test-applications	38def56eb13be31edabc92925f564a6a3a677ede	GRADLE	unknown
393	cloudfoundry	uaa	www.github.com/cloudfoundry/uaa	f3b66dd2a250c1309a86cade560ac9a9cfeafec7	GRADLE	unknown
394	eclipse	acceleo	www.github.com/eclipse/acceleo	3b0576ceff41c61c97f94fba4020adbab691bd68	ANT; MAVEN	unknown
395	eclipse	aCute	www.github.com/eclipse/aCute	2fe8fac07c37a05fc0abddbe3f80012872720241	MAVEN	unknown
396	eclipse	birt	www.github.com/eclipse/birt	f89264810347de98702db45386a822aabc0fadbf	ANT; MAVEN	8
397	eclipse	bpmm2-modeler	www.github.com/eclipse/bpmm2-modeler	fce8426d782272ee848251d954c98091bea0631c	ANT; MAVEN	unknown
398	eclipse	buildship	www.github.com/eclipse/buildship	3111a7a9fe3e22d6123366686874ecd42aa2a53a	GRADLE	unknown
399	eclipse	californium	www.github.com/eclipse/californium	0dd6db579be90c514dd765027ec55ed7a4668337	GRADLE; MAVEN	unknown
400	eclipse	californium.tools	www.github.com/eclipse/californium.tools	7f37541d6232b8c28c5e21f8c4c2eb9583b7bdd1	MAVEN	unknown
401	eclipse	ceylon	www.github.com/eclipse/ceylon	d3994d6cd120c4df85952cd9432123b413cfd65a	ANT; GRADLE; MAVEN	7
402	eclipse	cft	www.github.com/eclipse/cft	36e7a593b3a7d935e540f6632828b01f88842be6	MAVEN	8
403	eclipse	che	www.github.com/eclipse/che	c5498c2ac562cd8a2fc79a6bb0446d291f05a201	ANT; MAVEN	8
404	eclipse	che-archetypes	www.github.com/eclipse/che-archetypes	fd73477642dec67593b98628293e594562948cd	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
405	eclipse	che-ls-jdt	www.github.com/eclipse/che-ls-jdt	e01d6b73a3ddc947b425afedfb7ced87fa4a5cc5f	MAVEN	7
406	eclipse	conciierge	www.github.com/eclipse/conciierge	4c73cacebc5ecbdef24d4256ab506359294f7a55	GRADLE; MAVEN	8
407	eclipse	ConfigJSR	www.github.com/eclipse/ConfigJSR	ac47a50fd8a4af50512991344dbf7546c9baf371	MAVEN	8
408	eclipse	corrosion	www.github.com/eclipse/corrosion	dfb300cb1dc4c41984496cc7620790e2856aa6b6	MAVEN	unknown
409	eclipse	dawnsci	www.github.com/eclipse/dawnsci	1131d5c65e9e8ea98141eecee1743cf1053544f4	ANT; MAVEN	8
410	eclipse	ditto	www.github.com/eclipse/ditto	7fec826b94f3711f6c6ef6be1685b60bd1a8ccb5	MAVEN	8
411	eclipse	dltk.core	www.github.com/eclipse/dltk.core	ff5ee79db0c22234347cb3f956de9b31047f43613	ANT; MAVEN	unknown
412	eclipse	eavp	www.github.com/eclipse/eavp	20c1ce932e95084e386656526d0a2ac4197f786f	MAVEN	unknown
413	eclipse	eclemma	www.github.com/eclipse/eclemma	5adbad76b298d02751f058c438f6b6304594a3d6	MAVEN	unknown
414	eclipse	eclipse-collections	www.github.com/eclipse/eclipse-collections	fa40c9aadbd36fb08f05a60b200e92ace40a7bfd	MAVEN	8
415	eclipse	eclipse-collections-kata	www.github.com/eclipse/eclipse-collections-kata	edffbc49f9a2b5d949205985ea7f15d75685fbc	GRADLE; MAVEN	8
416	eclipse	eclipse.jdt.core	www.github.com/eclipse/eclipse.jdt.core	24d47c292ed4bd8fdc28b3c2f9afdab1401d025c	ANT; MAVEN	unknown
417	eclipse	eclipse.jdt.ls	www.github.com/eclipse/eclipse.jdt.ls	f8a427e0b6a91615f537209be052c31d38280e	GRADLE; MAVEN	7
418	eclipse	eclipse.platform.swt	www.github.com/eclipse/eclipse.platform.swt	bf870e8ff7e54069e96e5c9a74dc84d49a444484	ANT; MAVEN	unknown
419	eclipse	eclipse.platform.ui	www.github.com/eclipse/eclipse.platform.ui	e3bbb556534a1fb945e1036948325d14a8dd9c7a	ANT; MAVEN	unknown
420	eclipse	edje	www.github.com/eclipse/edje	b99ab8a521351c62f710c8c1494163af443b4eb8	other or lack of	unknown
421	eclipse	egit	www.github.com/eclipse/egit	45c1839348e50f1835a3f76e306af8d1a190d617	MAVEN	unknown
422	eclipse	egit-github	www.github.com/eclipse/egit-github	e9a4057a0cb71f9e659d88f82e6b24e98f74218d	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
423	eclipse	elk	www.github.com/eclipse/elk	9a87764f00d863463b1be6de1920d8aa3c3ade70	MAVEN	unknown
424	eclipse	gef	www.github.com/eclipse/gef	8f2649b90ab14a1bb010188036d4eedf7586e123	MAVEN	unknown
425	eclipse	gef-legacy	www.github.com/eclipse/gef-legacy	14563a9e1f2af636a5364d195cf07dbff6f35fa6	MAVEN	unknown
426	eclipse	gemoc-studio	www.github.com/eclipse/gemoc-studio	99cfl26ad7fe233453b43e14bae906c3fe491462	MAVEN	unknown
427	eclipse	golo-lang	www.github.com/eclipse/golo-lang	96a489736fa2a3b0313f2fa5fb290612a84b937c	GRADLE; MAVEN	8
428	eclipse	hawkbit	www.github.com/eclipse/hawkbit	51be28147f6f575b6c1ab4a5ef84fd9174f1209	MAVEN	8
429	eclipse	hawkbit-examples	www.github.com/eclipse/hawkbit-examples	44b3cba9d34de3f360add05f8c99321ec10199820	MAVEN	unknown
430	eclipse	hawkbit-extensions	www.github.com/eclipse/hawkbit-extensions	3eed2ef1689896578e8c4831f00a50f1f46e7615	MAVEN	unknown
431	eclipse	hono	www.github.com/eclipse/hono	ec84947227564c6459801f708bdeabd7687a8bf0	MAVEN	11
432	eclipse	ice	www.github.com/eclipse/ice	3f6e0265f5b476ff90a660397ce83992944142c4	ANT; MAVEN	unknown
433	eclipse	january	www.github.com/eclipse/january	4f8e374b5b9a0271c1b387df5e0f7515fc5b661b	MAVEN	8
434	eclipse	jetty.project	www.github.com/eclipse/jetty.project	65528f76c5ef6ddca11385f9721c8f0bc5f2eed7	ANT; MAVEN	9
435	eclipse	jetty.toolchain	www.github.com/eclipse/jetty.toolchain	d5b21618e7129982cc1a0397ca09d0cee7b97310	MAVEN	8
436	eclipse	jgit	www.github.com/eclipse/jgit	00523f38a19b073990239b0f837efa14197764c7	MAVEN	8
437	eclipse	jnosql	www.github.com/eclipse/jnosql	9f03fa6ffe2dd4b538f7dbce424649aa4e484657	MAVEN	8
438	eclipse	gnosql-artemis-extension	www.github.com/eclipse/gnosql-artemis-extension	cd7e776edcf432fdb53da2e3746dd812ebe7f62	MAVEN	unknown
439	eclipse	gnosql-diana-driver	www.github.com/eclipse/gnosql-diana-driver	a0bfd26d956f016c1ffacb56044daca17cfe3e68	MAVEN	unknown
440	eclipse	kapua	www.github.com/eclipse/kapua	11e610c657f7e473b52882833e33a2261bd3d67d	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
441	eclipse	kura	www.github.com/eclipse/kura	5e9f3e3d03c8a9cc7857b3fb9080b256821bb32a	ANT; MAVEN	8
442	eclipse	leshan	www.github.com/eclipse/leshan	eb75fc8b7d5560944e6d532f1a09d5e5c6e54559	MAVEN	unknown
443	eclipse	linuxtools	www.github.com/eclipse/linuxtools	11865e6e7d86a9d2e63c7b25605f605875e63ad	ANT; MAVEN	unknown
444	eclipse	lsp4j	www.github.com/eclipse/lsp4j	513a1dd2236c6495e600f644182c16b3cf19dbb2	GRADLE; MAVEN	unknown
445	eclipse	m2e-core	www.github.com/eclipse/m2e-core	7400bf563885fdff122aacff356c398a0a9120ffa	MAVEN	unknown
446	eclipse	microprofile-config	www.github.com/eclipse/microprofile-config	8839aa69b6a87f196d1a22dc0c965851173351e2	MAVEN	8
447	eclipse	microprofile-fault-tolerance	www.github.com/eclipse/microprofile-fault-tolerance	257b8b5a7c052bfc2e91d3c49d9081d17d73e249	MAVEN	8
448	eclipse	microprofile-jwt-auth	www.github.com/eclipse/microprofile-jwt-auth	91997341d52c4ffa25aeafa308a1f0dd2463b628	MAVEN	8
449	eclipse	microprofile-metrics	www.github.com/eclipse/microprofile-metrics	fbac851ffe24b5525ac46c7a32ba948a40a39343	MAVEN	8
450	eclipse	microprofile-open-api	www.github.com/eclipse/microprofile-open-api	7c259feb4e75b5c1bfe20da85a2381eb1ec42647	MAVEN	8
451	eclipse	microprofile-opentracing	www.github.com/eclipse/microprofile-opentracing	00dffbf4449300ee7a21f8665b71637ca2a0105	MAVEN	8
452	eclipse	microprofile-rest-client	www.github.com/eclipse/microprofile-rest-client	bfd8b07e1c13d05a41e51f1b9852dd23a425c6c	MAVEN	8
453	eclipse	microprofile-sandbox	www.github.com/eclipse/microprofile-sandbox	944854fbc4e94989798a70f95a91a0ff7e360655	MAVEN	8
454	eclipse	milou	www.github.com/eclipse/milou	e752e540d31eb3c226e6e79dd197c54d7d254685	MAVEN	unknown
455	eclipse	n4js	www.github.com/eclipse/n4js	f715912fce0352ab574ff878086f77d17a78c908	MAVEN	8
456	eclipse	nebula.widgets.nattable	www.github.com/eclipse/nebula.widgets.nattable	02b4ba0e0b6998077b40e7d3f892743f7005023	ANT; MAVEN	unknown
457	eclipse	openj9	www.github.com/eclipse/openj9	4911084853eb75b20e037c434ad4521b7317ebfb	ANT	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
458	eclipse	openj9-systemtest	www.github.com/eclipse/openj9-systemtest	d8cd28022070b3f571f3c4240323a6f5e09906d5	ANT	unknown
459	eclipse	org.aspectj	www.github.com/eclipse/org.aspectj	370f291c359cd159c5f3f0abd6e9e53e81234a07	other or lack of	unknown
460	eclipse	orion.server	www.github.com/eclipse/orion.server	24624b85e0d543e8f3cea2bc30f3f589b37de4f0	MAVEN	6
461	eclipse	packagedrone	www.github.com/eclipse/packagedrone	3869c1643cdc6f7cb8b26097a7b6994683b13d7e	MAVEN	8
462	eclipse	paho.mqtt.android	www.github.com/eclipse/paho.mqtt.android	b5d5e5ef91e846d39a365b8c561fa9670d34f691	GRADLE; MAVEN	unknown
463	eclipse	paho.mqtt.java	www.github.com/eclipse/paho.mqtt.java	5af7b53499e7dbe45b7227b3d41fc870089c0033	ANT; MAVEN	7
464	eclipse	rap	www.github.com/eclipse/rap	6295da95d01da6669c91bd4b058db9b89f35abaf	ANT; MAVEN	unknown
465	eclipse	rdf4j	www.github.com/eclipse/rdf4j	6f63df540e30b28e0c8880bea72f85cb88424b03	MAVEN	8
466	eclipse	reddeer	www.github.com/eclipse/reddeer	59e55d29fc60a672d79df1ad1578badb8a2f8693	MAVEN	8
467	eclipse	smarthome	www.github.com/eclipse/smarthome	b8455de15d65512e8fac4e94d42de6ab2fccf1c5	MAVEN	unknown
468	eclipse	texlipse	www.github.com/eclipse/texlipse	1bc72f856d4144ad0bc9baaa9575457bd7b68e1a	MAVEN	8
469	eclipse	thym	www.github.com/eclipse/thym	b57a824e18279a2164ee334a2af9bb47ac30788f	MAVEN	unknown
470	eclipse	titan.EclipsePlug-ins	www.github.com/eclipse/titan.EclipsePlug-ins	92bae808bfd4757c9a2f7cc0e59cd17ad801394c	ANT	unknown
471	eclipse	tm4e	www.github.com/eclipse/tm4e	3b9b50e4b62f12e8fe07e164cf0245f5fb4cc577	MAVEN	8
472	eclipse	triquetrum	www.github.com/eclipse/triquetrum	e4c5834ce3d68bd97820157d426a427dfe8e2a9b	MAVEN	unknown
473	eclipse	tycho	www.github.com/eclipse/tycho	913062f90a6bad5c8c2b57c77111a52e698105d5	MAVEN	unknown
474	eclipse	vorto	www.github.com/eclipse/vorto	93919469e598ec07fed134536b901efd25cf674f	MAVEN	8
475	eclipse	webtools.sourceediting	www.github.com/eclipse/webtools.sourceediting	fe6d03fa6ca31c9e5ebeb6a67b32f14d14335657d	ANT; MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
476	eclipse	xsemantics	www.github.com/eclipse/xsemantics	63c2c5078380cf9bf0e47d1ca031259b472368b	ANT; MAVEN	8
477	eclipse	xtext-core	www.github.com/eclipse/xtext-core	e04964e4c2a3e0338c0079bd8333688835e77c31	GRADLE; MAVEN	8
478	eclipse	xtext-eclipse	www.github.com/eclipse/xtext-eclipse	0c7546b6aaf3644a77fc68ee9f3da368cbbabd	ANT; GRADLE; MAVEN	unknown
479	eclipse	xtext-extras	www.github.com/eclipse/xtext-extras	5634c291880cd46fe2f8e9a47e48ef88b85e8bda	GRADLE; MAVEN	unknown
480	eclipse	xtext-idea	www.github.com/eclipse/xtext-idea	3aa1424ae35f1942dd7c3a457057006f9131de5e	GRADLE; MAVEN	unknown
481	eclipse	xtext-lib	www.github.com/eclipse/xtext-lib	338fb2381278a5ea2cd24ba77d74e4889db56cfa	GRADLE; MAVEN	unknown
482	eclipse	xtext-web	www.github.com/eclipse/xtext-web	ff7aa71dbdf9f1abf4cf3e3911c17707293dfe49	GRADLE	unknown
483	eclipse	xtext-xtend	www.github.com/eclipse/xtext-xtend	20500a324127e3ee73cb793a13430ee140246fa7	ANT; GRADLE; MAVEN	6
484	epam	DLab	www.github.com/epam/DLab	34483ee52cf8b79c4e51a54e82171564e5b8d50a	MAVEN	8
485	epam	JDI	www.github.com/epam/JDI	199dba533f3659e840441c324c26cdbf5314ca85	GRADLE; MAVEN	8
486	epam	NGB	www.github.com/epam/NGB	340504529fc576eeec92fbae636e437ce486cc4a	GRADLE	unknown
487	epam	parso	www.github.com/epam/parso	4b114cd4a23be438f84fe728a684eb1803d02322	MAVEN	8
488	epam	Wilma	www.github.com/epam/Wilma	af271176f7847d06512b62ed8f1a4a0e7fd8b10a	GRADLE	unknown
489	Esri	arcgis-runtime-samples-android	www.github.com/Esri/arcgis-runtime-samples-android	22b9a4c99c82a75a128b64703c0c1ffb2f9f5293	GRADLE	unknown
490	Esri	arcgis-runtime-samples-java	www.github.com/Esri/arcgis-runtime-samples-java	c7a0b309586495ff9cc9dbed129e411943547793	other or lack of	unknown
491	Esri	cordova-plugin-advanced-geolocation	www.github.com/Esri/cordova-plugin-advanced-geolocation	e8a78c3cccc26938e5e37a3590a8349ef6388e45	other or lack of	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
492	Esri	defense-solutions-proofs-of-concept	www.github.com/Esri/defense-solutions-proofs-of-concept	107e74c00bf433948b6579092815858a4ffb7c08	ANT; MAVEN	unknown
493	Esri	geometry-api-java	www.github.com/Esri/geometry-api-java	494da8ec953d76e7c6072afbc081abfe48ff07cf	ANT; MAVEN	6
494	Esri	geoportal-server-harvester	www.github.com/Esri/geoportal-server-harvester	b8c69260e3d6ec10df6514c201219e690cfba048	MAVEN	8
495	Esri	maps-app-android	www.github.com/Esri/maps-app-android	1af1f74ece08f678ce7de7bf173034d30e1cb100	GRADLE	unknown
496	Esri	nearby-android	www.github.com/Esri/nearby-android	af980b89de921fe20cb5bd79c7c302fc8eec2ea7	GRADLE	unknown
497	Esri	spatial-framework-for-hadoop	www.github.com/Esri/spatial-framework-for-hadoop	00959d6b4465313c934aaa8aaf17b52d6c9c60d4	ANT; MAVEN	6
498	facebook	buck	www.github.com/facebook/buck	1bc8d383ea5cb153ca9bf4f2807e6be498648523	ANT	unknown
499	facebook	facebook-android-sdk	www.github.com/facebook/facebook-android-sdk	81ca34a2a0f7ec391f90c6051c5a22e5bc8663c2	GRADLE	unknown
500	facebook	facebook-java-business-sdk	www.github.com/facebook/facebook-java-business-sdk	561f1a75e1220b55a160a1b92b0187f72be9cd08	MAVEN	unknown
501	facebook	fresco	www.github.com/facebook/fresco	ec0664aa49280c5aef2595b68e4d37f4b49358eb	GRADLE; MAVEN	unknown
502	facebook	litho	www.github.com/facebook/litho	19503b819b97e17d02f584633508dca8c646911a	GRADLE	unknown
503	facebook	naailgun	www.github.com/facebook/naailgun	a3122528bda2492b9add6381546b04ee8f4f5f82	MAVEN	8
504	facebook	react-native-fbsdk	www.github.com/facebook/react-native-fbsdk	82a6c9e6ef1db4633485e3793ab6a4c32bc84f63	GRADLE	unknown
505	facebook	rebound	www.github.com/facebook/rebound	65f155c6cf4e7594da636b2ab5215067e24da6ae	GRADLE	unknown
506	facebook	screenshot-tests-for-android	www.github.com/facebook/screenshot-tests-for-android	429fae78e4fb4aeae6ed3d554eebfb62087e2f5a	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
507	facebook	SoLoader	www.github.com/facebook/SoLoader	3a26db7fd4c7108e1f64fec7e7de7299249f9831	other or lack of	unknown
508	facebook	stetho	www.github.com/facebook/stetho	9421aaa7e1330d16ade22b20d486e8decac7897e	GRADLE	unknown
509	facebook	TextLayoutBuilder	www.github.com/facebook/TextLayoutBuilder	cd4c689cb4fea3d29ff24169a5dd901cfbaa29e7	GRADLE	unknown
510	google	acai	www.github.com/google/acai	f0676baf63d036ded2ceb55bd7db2689e110de61	MAVEN	8
511	google	agera	www.github.com/google/agera	04045ccb4f1ac5fc6806724127b33cbe0dda372c	GRADLE	unknown
512	google	allocation-instrumenter	www.github.com/google/allocation-instrumenter	58d8473e8832e51f39ae7aa38328f61c4b747bff	MAVEN	7
513	google	archive-patcher	www.github.com/google/archive-patcher	256862f675502618c4617290af7f6f1234dbdb9b	GRADLE	unknown
514	google	auto	www.github.com/google/auto	93a1477d3e632742360d23df6932f0e0e12961eb	MAVEN	8
515	google	binnavi	www.github.com/google/binnavi	8e0aef41402db6c6ecb2a26bb943bbbc5fd989b2	ANT; GRADLE; MAVEN	8
516	google	blockly-android	www.github.com/google/blockly-android	fb0a186576ad3f95b2a18440a6305a3db87a4825	GRADLE	unknown
517	google	caja	www.github.com/google/caja	964609d5ec3272e4060cfb990bf263f6e5c56e22	ANT	unknown
518	google	caliper	www.github.com/google/caliper	4e10eb02b7bfb5683c71be950ad2e30ff1f2c0a9	MAVEN	8
519	google	cameraview	www.github.com/google/cameraview	3eaeac09a7f084463a94850c763d21fdb4c18fce	GRADLE	unknown
520	google	cdep	www.github.com/google/cdep	c5c7259956f3106c386fa6fdb7730b905e7ba1a	GRADLE	unknown
521	google	certificate-transparency-java	www.github.com/google/certificate-transparency-java	429c7b19183ee68ec29bd23e47003af0967d54d2	MAVEN	8
522	google	closure-compiler	www.github.com/google/closure-compiler	0393c80ca01b6b861376dad7f91043a38bb37dc0	MAVEN	8
523	google	closure-stylesheets	www.github.com/google/closure-stylesheets	970d51e6fb45591e50c057b118e66a364957da42	MAVEN	7

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
524	google	closure-templates	www.github.com/google/closure-templates	2258bec5ed4bd10f49347d250041aa9ea7eda01e	MAVEN	8
525	google	codeu_project_2017	www.github.com/google/codeu_project_2017	ca95d6d22fa43077ff48c651542d7287aacc2d53	other or lack of	unknown
526	google	compile-testing	www.github.com/google/compile-testing	7d31b533855942490e2065f720d484cd9c0d9c2f	MAVEN	8
527	google	conscrypt	www.github.com/google/conscrypt	d7d3ec873a50c733c9c4397d6718c04045b377b3	GRADLE	unknown
528	google	copybara	www.github.com/google/copybara	76e3e6b1313d2bbea77fad3e7e1b53bc21949113	other or lack of	unknown
529	google	domaintest	www.github.com/google/domaintest	a4a2dea7b7c22eb31db91e54927b78b6d38e1d12	MAVEN	unknown
530	google	error-prone	www.github.com/google/error-prone	61cb540c08ec63faa56dccc00049cff1f8b41ea	ANT; GRADLE; MAVEN	8
531	google	error-prone-javac	www.github.com/google/error-prone-javac	a53d069bbdb2c60232ed3811c19b65e41c3e60e0	ANT	unknown
532	google	ExoPlayer	www.github.com/google/ExoPlayer	4bc79c9465abd00e29ff576c5f7a7517be632f5a	GRADLE	unknown
533	google	firing-range	www.github.com/google/firing-range	4f991a6418b07a66cd63006f4a2bec27c84b72f4	ANT	unknown
534	google	gcm	www.github.com/google/gcm	3ad5de6ff959ab0716d8d4516552241789f721c7	ANT; GRADLE; MAVEN	unknown
535	google	gdata-java-client	www.github.com/google/gdata-java-client	c6202a55f5f29afb37ffc876674dca372f3fb4c	ANT	unknown
536	google	gitiles	www.github.com/google/gitiles	76346b0810deec731737c9bb2bf54cc46a2c88cc	other or lack of	unknown
537	google	google-api-java-client-samples	www.github.com/google/google-api-java-client-samples	34c3b43cb15f4ee1b636a0e01521cc81a2451dcd	GRADLE; MAVEN	6
538	google	google-authenticator	www.github.com/google/google-authenticator	0e8cc0a3bcada1f8f35191bd0f9f95403da65ffc	ANT	unknown
539	google	google-authenticator-android	www.github.com/google/google-authenticator-android	02178b8bcb292e182de5cd7a329981815d29c930	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
540	google	google-java-format	www.github.com/google/google-java-format	df76c0c7fe82711c8600768fca19d0ebaf2ca3d2	GRADLE; MAVEN	8
541	google	gps-measurement-tools	www.github.com/google/gps-measurement-tools	2f6ba51e7ddfa3a34d0f75933f833af20417042a	GRADLE	unknown
542	google	grafika	www.github.com/google/grafika	60d36bef7f4960c631bc3b73b17b69f86cc6600f	GRADLE	unknown
543	google	gson	www.github.com/google/gson	8bf2949c2934cf9a168df24d02a29c702556a91	GRADLE; MAVEN	6
544	google	gtfs-realtime-bindings	www.github.com/google/gtfs-realtime-bindings	b013cdae26b8b8a1a96f9bd51160bf5ebdcf58f6	other or lack of	unknown
545	google	guava	www.github.com/google/guava	be92294be598b9b6ff0bd1cae3335759dafcb534	MAVEN	11
546	google	guice	www.github.com/google/guice	dafa4b0bec4e7ec5e1df75e3fb9a2fd4920921a	ANT; MAVEN	8
547	google	gwtmockito	www.github.com/google/gwtmockito	e886a9b9d290169b5f83582dd89b7545c5f198a2	MAVEN	unknown
548	google	hover	www.github.com/google/hover	4242c499cf304dc88aaedbcf61ef4bbaf8eaa0c	GRADLE	unknown
549	google	j2c1	www.github.com/google/j2c1	f233ebf547cce390cf87ce346ed82e0512f4fbe1	other or lack of	unknown
550	google	j2objc	www.github.com/google/j2objc	471504a735b48d5d4ace51afa1542cc4790a921a	MAVEN	7
551	google	java-monitoring-client-library	www.github.com/google/java-monitoring-client-library	bd528650ce30840b8df618e006205955d4c1158c	MAVEN	8
552	google	jimfs	www.github.com/google/jimfs	4adbdea4091229b9ef727fa5d6eeef00b2429e01	MAVEN	7
553	google	jsinterop-base	www.github.com/google/jsinterop-base	f93bf7e0690f5cebe22e266cfbfcacf9c5f7529f	other or lack of	unknown
554	google	jsinterop-generator	www.github.com/google/jsinterop-generator	c48a10f4c02b62207059997b4d18847c40f410ef	other or lack of	unknown
555	google	MOE	www.github.com/google/MOE	4de8f47896dc85fb058d85e8d57122fa479c88f0	MAVEN	8
556	google	mug	www.github.com/google/mug	adf71005ea173803b04db85685eb1f7a373e7c93	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
557	google	nomulus	www.github.com/google/nomulus	2481704d00f10f6b5675dd26f9ffaa434ddbea	GRADLE	unknown
558	google	openrtb	www.github.com/google/openrtb	a115dd6e07c307c588fa2df2e3250f4d803fa4d3	MAVEN	8
559	google	openrtb-doubleclick	www.github.com/google/openrtb-doubleclick	75396a3b2a4bd3dcc21b67629bfb6076dc0a0401	MAVEN	8
560	google	physical-web	www.github.com/google/physical-web	12604319e99b6d6dff451fc5a58a13a271f1dc7a	GRADLE	unknown
561	google	protobuf-dt	www.github.com/google/protobuf-dt	b41acf14172723a182cc92a7d078859abeb89b7c	other or lack of	unknown
562	google	re2j	www.github.com/google/re2j	fc83bf793e8dfb6af091ffb1a1632ad59e09bd44	GRADLE	unknown
563	google	rejoiner	www.github.com/google/rejoiner	cedc123c18918d8c090543a4236ee344d2dbffeb	GRADLE; MAVEN	8
564	google	ringdroid	www.github.com/google/ringdroid	955039d67252ea7aea5a36933e8ee30110f5ec92	GRADLE	unknown
565	google	sagetv	www.github.com/google/sagetv	a35e3a450b4c0134cb097b9e7de76dca08eb6654	ANT; GRADLE	unknown
566	google	science-journal	www.github.com/google/science-journal	2521c303bc420d0c7fb141cc545771cbcd139579	GRADLE	unknown
567	google	surveys	www.github.com/google/surveys	ca62f014dc7d2833d767c0de830191f622506665	MAVEN	1.5
568	google	tink	www.github.com/google/tink	ba64189ae1a44c2935f060a4de06bdc2d721a93	GRADLE; MAVEN	7
569	google	truth	www.github.com/google/truth	d2223603d0a9c2ceeac754f06ba5294b739e2912	MAVEN	8
570	google	volley	www.github.com/google/volley	95a6796c40f570a723a73d9360d0994ed1d4	GRADLE	unknown
571	google	webauthndemo	www.github.com/google/webauthndemo	298c0b2dc86a8dc99134daa0b60c1f7997d8fc735	MAVEN	8
572	google	wycheproof	www.github.com/google/wycheproof	c313761979d74b0417230eadd0f87d0cfab2b46b	other or lack of	unknown
573	greenplum-db	pljava	www.github.com/greenplum-db/pljava	67f34cebed765a17abba8d6049651abfb8579ea7	ANT; MAVEN	6
574	IBM	ibm-cos-sdk-java	www.github.com/IBM/ibm-cos-sdk-java	d6b03864c15c622ce439e39f20ab41a77dc1cc83	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
575	IBM	janusgraph-utils	www.github.com/IBM/janusgraph-utils	b4584a3bbecc49f0df14d364aeb03976f5d5ca19	MAVEN	8
576	IBM	og	www.github.com/IBM/og	d14c20da246c237e417a948bda9f045f64cdd62c	MAVEN	unknown
577	linkedin	ambry	www.github.com/linkedin/ambry	1d2e45556058b83f5145740b7f2c5772fa37e1b	GRADLE	unknown
578	linkedin	cruise-control	www.github.com/linkedin/cruise-control	d35af1b6d5a87046e6cd173948755a1e50faa531	GRADLE	unknown
579	linkedin	dexmaker	www.github.com/linkedin/dexmaker	c58ffebcbb2564c7d1fa6fb58b48f351c330296d	GRADLE	unknown
580	linkedin	dr-elephant	www.github.com/linkedin/dr-elephant	45b9c9fa7226b5f882c0db259dce1f937dd41a85	other or lack of	unknown
581	linkedin	dynamometer	www.github.com/linkedin/dynamometer	8ba72aeb5d029f7468185296d64c032fe4a444	GRADLE	unknown
582	linkedin	kafka-monitor	www.github.com/linkedin/kafka-monitor	a0bb375c5af8a7924c2e628d1be01434b196159c	GRADLE	unknown
583	linkedin	li-apache-kafka-clients	www.github.com/linkedin/li-apache-kafka-clients	64c130b021176451b9a0a1274903c8e77585aaa1	GRADLE	unknown
584	linkedin	parseq	www.github.com/linkedin/parseq	6151cc9064cf8af2ec5ab10ec80aa8c40db6b13c	GRADLE	unknown
585	linkedin	pygradle	www.github.com/linkedin/pygradle	4b04b7980dc47a76b816184ebbcfe0b3f5cefadd	GRADLE	unknown
586	linkedin	rest.li	www.github.com/linkedin/rest.li	ad74aa98da8a55ad9c339d0769a3e8fb495765af	GRADLE	unknown
587	linkedin	shaky-android	www.github.com/linkedin/shaky-android	002c61f97753ccaaa25557e211018f1fa517c68d	GRADLE	unknown
588	linkedin	Spyglass	www.github.com/linkedin/Spyglass	3816f2da13b75e1a20b2911d1b780b73f44e1150	GRADLE	unknown
589	linkedin	test-butler	www.github.com/linkedin/test-butler	fd77b34bd26011b47cdb1f4703b21860343d1375	GRADLE	unknown
590	linkedin	URL-Detector	www.github.com/linkedin/URL-Detector	a8dec18cd791b303f5e0f65ed0d1b563b86c9b19	GRADLE; MAVEN	8
591	Microsoft	AppCenter-SDK-Android	www.github.com/Microsoft/AppCenter-SDK-Android	b1a1757fb75f9f747d5f38f361957a01d1fcd3b1	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
592	Microsoft	ApplicationInsights-Docker	www.github.com/Microsoft/ApplicationInsights-Docker	4fe2085dfa3bc85b8bee3cee2fa43b83f13869a	GRADLE	unknown
593	Microsoft	ApplicationInsights-Java	www.github.com/Microsoft/ApplicationInsights-Java	230ed8807bf3e8aa62093df0b426b7a9f704231e	GRADLE	unknown
594	Microsoft	azure-chat-for-java	www.github.com/Microsoft/azure-chat-for-java	4456bea8830c5edf8c211db1d7816b849372d6ed	ANT; MAVEN	8
595	Microsoft	azure-devops-intellij	www.github.com/Microsoft/azure-devops-intellij	d18eccf7a391fd5f2591bfd2458c28e907435da	ANT; GRADLE	unknown
596	Microsoft	azure-maven-plugins	www.github.com/Microsoft/azure-maven-plugins	d3e0b6fa0e00f38c04b622589a939fb3bae2227e	MAVEN	8
597	Microsoft	azure-spring-boot	www.github.com/Microsoft/azure-spring-boot	538729e37952bd020e2e53fb963570ef5613498a	GRADLE; MAVEN	8
598	Microsoft	azure-tools-for-java	www.github.com/Microsoft/azure-tools-for-java	d121e8ac9cc3ab400e5b49c8b372280ae332f3fb	ANT; GRADLE; MAVEN	8
599	Microsoft	Cognitive-Face-Android	www.github.com/Microsoft/Cognitive-Face-Android	ca57888b0af5d98eaa7ba101ced19c5e284744db	GRADLE	unknown
600	Microsoft	Cognitive-Vision-Android	www.github.com/Microsoft/Cognitive-Vision-Android	8eb06952cb015d6487eccc8fcc04c733d4f36bef	GRADLE	unknown
601	Microsoft	deploy-rserve	www.github.com/Microsoft/deploy-rserve	7a576d404ea68155934632c01b021919eea02902	other or lack of	unknown
602	Microsoft	Dhalion	www.github.com/Microsoft/Dhalion	526ec77ee6ddbc5fecff21ddb96e27584df9301	MAVEN	8
603	Microsoft	EmbeddedSocial-Android-SDK	www.github.com/Microsoft/EmbeddedSocial-Android-SDK	a507d791f19e53cee5a421309a6afb9c37e00f7	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
604	Microsoft	Git-Credential-Manager-for-Mac-and-Linux	www.github.com/Microsoft/Git-Credential-Manager-for-Mac-and-Linux	f332b8068cbbc0ef8e5d6956db44394f9e48be84	MAVEN	6
605	Microsoft	java-debug	www.github.com/Microsoft/java-debug	5d5b39e63c986f4f4ebbed6fc039c0c4e81e3480	MAVEN	8
606	Microsoft	malmo	www.github.com/Microsoft/malmo	91b1a7a01ec0dd883f81a51048badac0398695f7	GRADLE	unknown
607	Microsoft	mssql-jdbc	www.github.com/Microsoft/mssql-jdbc	84484edf7944de56749fd12648d0af2ffa2459b7a	GRADLE; MAVEN	1.1
608	Microsoft	nokia-x-in-app-payment-samples	www.github.com/Microsoft/nokia-x-in-app-payment-samples	05e063e28329799a6ceb83425e62f6b8b67359af	GRADLE	unknown
609	Microsoft	pai	www.github.com/Microsoft/pai	43269e7e5e95bea21d0ffae2e16f3e87de4b29b9	MAVEN	8
610	Microsoft	project-rome	www.github.com/Microsoft/project-rome	0bcfb6e1a7e69ec5832740640d7fb9945a1125f	GRADLE	unknown
611	Microsoft	spring-data-cosmosdb	www.github.com/Microsoft/spring-data-cosmosdb	f26b4bffa0f367e0d18053f072222319b79b39f8	ANT; MAVEN	8
612	Microsoft	team-explorer-everywhere	www.github.com/Microsoft/team-explorer-everywhere	89ab2a4847aec8ec2afdf36c3f6287dd03bd558d	ANT	unknown
613	Microsoft	vscode-java-debug	www.github.com/Microsoft/vscode-java-debug	2269b3d0c37e296665b86a7d54c737a103cb53c9b	GRADLE; MAVEN	9
614	Microsoft	vscode-java-test	www.github.com/Microsoft/vscode-java-test	686bb985c95a579694129b2b62caaf25123cc3	MAVEN	8
615	Microsoft	vso-httpclient-java	www.github.com/Microsoft/vso-httpclient-java	7b6329238498d7ad1934243150f955bea594df37	MAVEN	unknown
616	mozilla	Jisort	www.github.com/mozilla/Jisort	4764fe651ec08b786fcfb7d0f063326635fa267	GRADLE	unknown
617	mozilla	MozStumbler	www.github.com/mozilla/MozStumbler	c61b1b28383eb8636730cfd4f5cc4178d403f37c	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
618	mozilla	zest	www.github.com/mozilla/zest	5cbe009ac05317bfc06b9cd1263efeeb5236dc77	GRADLE	unknown
619	oracle	cordova-plugin-oracle-idm-auth	www.github.com/oracle/cordova-plugin-oracle-idm-auth	63100675b0fe88cc713df3a6e69ab021ea2042ee	GRADLE	unknown
620	oracle	fastr	www.github.com/oracle/fastr	a1ee49060317621c0c9ecccc8ec60040aca59b2d	other or lack of	unknown
621	oracle	graal	www.github.com/oracle/graal	4deb681aaaa79c248115037fc8e399c9876619fd	other or lack of	unknown
622	oracle	oci-java-sdk	www.github.com/oracle/oci-java-sdk	76e9cecd7b309d9f12e5efe96c74167c66a98872	MAVEN	8
623	oracle	opengrok	www.github.com/oracle/opengrok	bd2770a04a3eda7af19fae482d880d56cce0eeb9	ANT; MAVEN	8
624	oracle	oracle-db-examples	www.github.com/oracle/oracle-db-examples	fb151affc3943cad3079b5f517a950807339b2d4	ANT; MAVEN	8
625	oracle	pgql-lang	www.github.com/oracle/pgql-lang	d31340ea99b7a2c4a4a2311fca77d6be415e5395	MAVEN	8
626	oracle	soda-for-java	www.github.com/oracle/soda-for-java	352634e26b5a0d9d529d5436f7a4c8e21ed1dbf0	ANT	unknown
627	oracle	visualvm	www.github.com/oracle/visualvm	d9b10575b53d535e10c6e8c41831ebe38483c65b	ANT; MAVEN	1.5
628	oracle	weblogic-kubernetes-operator	www.github.com/oracle/weblogic-kubernetes-operator	1fb059d7e32b9b3514617d54e4dda41ab68e71ea	MAVEN	8
629	oracle	weblogic-monitoring-exporter	www.github.com/oracle/weblogic-monitoring-exporter	05f1d3c4cc797577801df0ccee9d92fc31718e8	MAVEN	8
630	pivotalsoftware	github-cla-integration	www.github.com/pivotalsoftware/github-cla-integration	6a08bf059771ed8e251bfd05ced9db642aacc3efa	MAVEN	7
631	pivotalsoftware	session-managers	www.github.com/pivotalsoftware/session-managers	3737ad9e1439500b2668403bf9a75e445226baca	GRADLE	unknown
632	rabbitmq	hop	www.github.com/rabbitmq/hop	78ab7c9be46ae6365d2241fa8058ead35a8ff7fb	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
633	rabbitmq	rabbitmq-java-client	www.github.com/rabbitmq/rabbitmq-java-client	8bc24bdce4da758f7be4f4451a46ab185058b272	MAVEN	8
634	rabbitmq	rabbitmq-jms-client	www.github.com/rabbitmq/rabbitmq-jms-client	2.a68092e85ab5e7d637ae97524d9edda4b31528	MAVEN	8
635	reactor	reactive-streams-commons	www.github.com/reactor/reactive-streams-commons	f6f194340b3ab43616f69015718d132.abc7dcc5	GRADLE	unknown
636	reactor	reactor-addons	www.github.com/reactor/reactor-addons	bdda4c36f5123dfd111cff2a7c4eff57dbaecs5a5	GRADLE	unknown
637	reactor	reactor-core	www.github.com/reactor/reactor-core	3958e2fabf49e16229dda5df39e7cde46797ec51	GRADLE	unknown
638	reactor	reactor-kafka	www.github.com/reactor/reactor-kafka	2724517a27d73b620791d2941cca29bd524e18bc	GRADLE	unknown
639	reactor	reactor-netty	www.github.com/reactor/reactor-netty	b26dfa119524d87a484be09f13031f56dac864c1	GRADLE	unknown
640	redhat-developer	che-functional-tests	www.github.com/redhat-developer/che-functional-tests	4a19e47a9a512c0afbe2c9b4878f9872c185c66e	MAVEN	8
641	redhat-developer	redhat-sso-quickstarts	www.github.com/redhat-developer/redhat-sso-quickstarts	86a2bfca819d94a27d8ff6c34292dd96a03c1fd1	MAVEN	8
642	redhat-developer	rh-che	www.github.com/redhat-developer/rh-che	aad94fde1fbf380fbb3282efa393a8f571552fa9	MAVEN	unknown
643	robolectric	robolectric	www.github.com/robolectric/robolectric	525bfcfc0e0ed1653ad57341b564c6857e11dc50	GRADLE	unknown
644	salesforce	Argus	www.github.com/salesforce/Argus	121b59a268da264316cded6a3e9271366a23cd86	MAVEN	8
645	salesforce	grpc-java-contrib	www.github.com/salesforce/grpc-java-contrib	0b253d77c3e712842dc20d03b36364e259debf71	MAVEN	8
646	salesforce	kafka-junit	www.github.com/salesforce/kafka-junit	2d8944400e1c5476cb1f58b7eadc7a5cc33534ab	MAVEN	8
647	salesforce	reactive-grpc	www.github.com/salesforce/reactive-grpc	bbf1fa170c0e961fc3d839a73ecff16a414406c8	GRADLE; MAVEN	8
648	SAP	C4CODATAAPIDEVGUIDE	www.github.com/SAP/C4CODATAAPIDEVGUIDE	3247f791353276f636e4b3d1cff3ee9353546f527	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
649	SAP	cf-java-client-sap	www.github.com/SAP/cf-java-client-sap	d82627cf3cf43bb556746e8a297338353b86a932	MAVEN	8
650	SAP	cf-java-logging-support	www.github.com/SAP/cf-java-logging-support	6165e74328df36809bac94e0172f3cade31994f4	MAVEN	8
651	SAP	cloud-espm-v2	www.github.com/SAP/cloud-espm-v2	a5254f2e6fea9b7226296fbe19eb30ab99192b8d	MAVEN	unknown
652	SAP	cloud-s4-sdk-examples	www.github.com/SAP/cloud-s4-sdk-examples	13dabdce1f2b9dcc4fe0256c04593ef6f9cb180f	MAVEN	8
653	SAP	devops-cm-client	www.github.com/SAP/devops-cm-client	e7cd80d20b53818e462c444f8169385b25151ec2	MAVEN	8
654	SAP	iot-starterkit	www.github.com/SAP/iot-starterkit	f0d9ce06a1a98569a5a4eed76a2ec0aa87c1a1df	MAVEN	8
655	SAP	olingo-jpa-processor-v4	www.github.com/SAP/olingo-jpa-processor-v4	e61b432b876e60c093ba626a00432d4826893e10	MAVEN	8
656	SAP	SAPJamSampleCode	www.github.com/SAP/SAPJamSampleCode	dc9ade682ffd069a38c29728b68dee1aafa101f	GRADLE; MAVEN	8
657	SAP	SapMachine	www.github.com/SAP/SapMachine	6e62561730c46dc5000c39665c43951832192ceb	ANT; MAVEN	8
658	Shopify	graphql_java_gen	www.github.com/Shopify/graphql_java_gen	ce1e7c8ab2f0d4a61fe47e7308d6226a11d85627	GRADLE	unknown
659	Shopify	mobile-buy-sdk-android	www.github.com/Shopify/mobile-buy-sdk-android	913062d4d1e1e71091440df257dd9ac6db9c9957	GRADLE	unknown
660	spring-projects	aws-maven	www.github.com/spring-projects/aws-maven	ce6a4ffb8a59029e147124ac2d7ff1a7afd18	MAVEN	7
661	spring-projects	eclipse-integration-commons	www.github.com/spring-projects/eclipse-integration-commons	22a559aedc8a0b98792e893a00d510b914849ca4	MAVEN	unknown
662	spring-projects	eclipse-integration-gradle	www.github.com/spring-projects/eclipse-integration-gradle	87d950f453fc3744b4a2add8052f03f4f53efde4	GRADLE; MAVEN	unknown
663	spring-projects	eclipse-integration-tcserver	www.github.com/spring-projects/eclipse-integration-tcserver	5b381256cb35cfe2aa21f5093558f7ca927c289f	MAVEN	6
664	spring-projects	grails-ide	www.github.com/spring-projects/grails-ide	cb5162c5a7fc60a2847c39d2750003ada7e80ff7	MAVEN	1.5

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
665	spring-projects	greenhouse	www.github.com/spring-projects/greenhouse	c7994183812150de971ef4a76c08d5b4631ab5d1	MAVEN	6
666	spring-projects	greenhouse-android	www.github.com/spring-projects/greenhouse-android	14338c9caf5c2891e6efac219272d7a4267e4218	MAVEN	6
667	spring-projects	impala	www.github.com/spring-projects/impala	592d1cec85af12efe965dd01d14ffda6265225c7	GRADLE	unknown
668	spring-projects	rest-shell	www.github.com/spring-projects/rest-shell	d8693fbd4934d275db1be560f2aa7c2bc0d8046f	GRADLE	unknown
669	spring-projects	spring-amqp	www.github.com/spring-projects/spring-amqp	1614a4b0532b83e29b2a2fdb8dac102576b8aa51	GRADLE	unknown
670	spring-projects	spring-amqp-samples	www.github.com/spring-projects/spring-amqp-samples	f5604435789ce6f26c57d0d4c8bdec8c324e5888	MAVEN	8
671	spring-projects	spring-analytics	www.github.com/spring-projects/spring-analytics	e3ef19d2b794d6dc10265c171bba46cd757b1abd	MAVEN	8
672	spring-projects	spring-android	www.github.com/spring-projects/spring-android	941296e152d49a40e0745a3e81628a974f72b7e4	GRADLE; MAVEN	6
673	spring-projects	spring-android-samples	www.github.com/spring-projects/spring-android-samples	7cdde312fc9907e857b1b17213efb06c277ea35b	ANT; GRADLE; MAVEN	6
674	spring-projects	spring-batch	www.github.com/spring-projects/spring-batch	d8fc58338d3b059b67b5f777adc132d2564d7402	GRADLE	unknown
675	spring-projects	spring-batch-admin	www.github.com/spring-projects/spring-batch-admin	9e3ad8bfff99b8fad8da62426aa7d2959eb841bcf	other or lack of	unknown
676	spring-projects	spring-batch-extensions	www.github.com/spring-projects/spring-batch-extensions	7ccced33c472641ca7f32438d3073cd8078fe4fb	MAVEN	7
677	spring-projects	spring-boot	www.github.com/spring-projects/spring-boot	2225b362991f225e3a93f00e160526d2b8abdfb2	ANT; GRADLE; MAVEN	8
678	spring-projects	spring-boot-data-geode	www.github.com/spring-projects/spring-boot-data-geode	c18ca753a96f2ab0bf9879987deb5007e621b105	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
679	spring-projects	spring-bus	www.github.com/spring-projects/spring-bus	29faeae51a23618bffa1bc94a0bbe9fc1e8a6	MAVEN	7
680	spring-projects	spring-data-aerospike	www.github.com/spring-projects/spring-data-aerospike	95e06d62af6b6221ee4e91e44cede048902268e1	MAVEN	unknown
681	spring-projects	spring-data-book	www.github.com/spring-projects/spring-data-book	3a9d2e35184d5361f1d305f4eb84b5febf87b992	MAVEN	6
682	spring-projects	spring-data-cassandra	www.github.com/spring-projects/spring-data-cassandra	42cc65aaab4d3d67546d815d3d9eb142a7d5c616	MAVEN	8
683	spring-projects	spring-data-commons	www.github.com/spring-projects/spring-data-commons	48c9297118e18273a0a3dfe3cf2f9a8ff8fdca7	MAVEN	8
684	spring-projects	spring-data-couchbase	www.github.com/spring-projects/spring-data-couchbase	2f4500e9c76541bbbd6a612f7b9283d245a2dc6	MAVEN	unknown
685	spring-projects	spring-data-dev-tools	www.github.com/spring-projects/spring-data-dev-tools	a25ff3ae28026f132871f7172c6ba5c3b64e1671	MAVEN	8
686	spring-projects	spring-data-document-examples	www.github.com/spring-projects/spring-data-document-examples	0210100c57fe55957ce44a4704255b9a84335d51	MAVEN	6
687	spring-projects	spring-data-elasticsearch	www.github.com/spring-projects/spring-data-elasticsearch	9818ed0af9e2e9fc3a3ff6deceabb5195c460d53a	MAVEN	8
688	spring-projects	spring-data-examples	www.github.com/spring-projects/spring-data-examples	ccae97890f85a3caf8f4e05a1a07696e2b1e78a4	GRADLE; MAVEN	9
689	spring-projects	spring-data-gemfire	www.github.com/spring-projects/spring-data-gemfire	bc066c0618a6c470516f9ef6b7c9b1d0d3f7e42f	MAVEN	unknown
690	spring-projects	spring-data-geode	www.github.com/spring-projects/spring-data-geode	5dc269da02933c9e9031f38ff1b27b8b1ee7c31b	MAVEN	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
691	spring-projects	spring-data-graph	www.github.com/spring-projects/spring-data-graph	0210210ce436eb83bf200f5d5f9a63a440c5b27a	ANT; MAVEN	6
692	spring-projects	spring-data-graph-examples	www.github.com/spring-projects/spring-data-graph-examples	63b33eeea1ebe3a2e94ce5bf277f4b76c0f510	ANT; GRADLE; MAVEN	6
693	spring-projects	spring-data-jdbc	www.github.com/spring-projects/spring-data-jdbc	913238a822e04a24d03cb704fd03a454d34c01	MAVEN	9
694	spring-projects	spring-data-jdbc-ext	www.github.com/spring-projects/spring-data-jdbc-ext	9f19335f6f776ad36158cfaa0f5aad64333ce988	GRADLE	unknown
695	spring-projects	spring-data-jpa	www.github.com/spring-projects/spring-data-jpa	cde0b1dacf85cad38aa28c3027b77ea7ec790841	MAVEN	8
696	spring-projects	spring-data-keyvalue	www.github.com/spring-projects/spring-data-keyvalue	115731519c5135f481fdb32d083d9745a58f72b0	MAVEN	8
697	spring-projects	spring-data-ldap	www.github.com/spring-projects/spring-data-ldap	3dc8768cdbf5cd09927d4d9f0fbc4a4cb5534d	MAVEN	8
698	spring-projects	spring-data-mongodb	www.github.com/spring-projects/spring-data-mongodb	3eb9d790b94e5a406660ef9c5cb262cbe684bbdcb	MAVEN	8
699	spring-projects	spring-data-neo4j	www.github.com/spring-projects/spring-data-neo4j	bf5704c5f710656d30e93eae8b89ebedb1b920cc	MAVEN	unknown
700	spring-projects	spring-data-redis	www.github.com/spring-projects/spring-data-redis	2eb7067e8c7e859168a281145cc46ccddb42049f	MAVEN	8
701	spring-projects	spring-data-rest	www.github.com/spring-projects/spring-data-rest	3a0cba94a2cc8739375ecf24086da2f7c3bbf038	MAVEN	unknown
702	spring-projects	spring-data-services	www.github.com/spring-projects/spring-data-services	50bed67f51f21bdd6f3ab912066082ea6647b9e6	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
703	spring-projects	spring-data-solr	www.github.com/spring-projects/spring-data-solr	6db215cf28337895ec40ed28082fa895846680bb	MAVEN	8
704	spring-projects	spring-flex	www.github.com/spring-projects/spring-flex	85f2bff300d74e2d77d565f97a09d12d18e19adc	MAVEN	unknown
705	spring-projects	spring-flex-roo	www.github.com/spring-projects/spring-flex-roo	525f8cecc20a5572a7efd884eef08807c51f891	MAVEN	1.5
706	spring-projects	spring-framework	www.github.com/spring-projects/spring-framework	3a0f309e2c9fdbbf7fb2d348be861528177f8555	GRADLE	unknown
707	spring-projects	spring-framework-issues	www.github.com/spring-projects/spring-framework-issues	ada8e40099454d41f4b83eb858462cc99ae29734	GRADLE; MAVEN	6
708	spring-projects	spring-gemfire-examples	www.github.com/spring-projects/spring-gemfire-examples	309c78521d31f97aee8bca107acc7d2cb120098e	GRADLE	unknown
709	spring-projects	spring-guice	www.github.com/spring-projects/spring-guice	87178edc33809c77ac106e3aa2fc1919a64e07b2	MAVEN	8
710	spring-projects	spring-hadoop	www.github.com/spring-projects/spring-hadoop	cda92b8ab6b5e8a8defe8ae5822e966e0a9d34eb	GRADLE	unknown
711	spring-projects	spring-hadoop-samples	www.github.com/spring-projects/spring-hadoop-samples	48686e7ead6afde1191359409a2d25861da86e7	GRADLE; MAVEN	7
712	spring-projects	spring-hadoop-samples-old	www.github.com/spring-projects/spring-hadoop-samples-old	abeba172e8e536cc4fcb8e470711e693adc5bc7c	GRADLE; MAVEN	6
713	spring-projects	spring-hateoas	www.github.com/spring-projects/spring-hateoas	0e02d4f04117e03ab94110c9de09b2ac28d55599	MAVEN	8
714	spring-projects	spring-hateoas-examples	www.github.com/spring-projects/spring-hateoas-examples	5ebe61a784236a22bf305482707417fa7d111db6	MAVEN	8
715	spring-projects	spring-ide	www.github.com/spring-projects/spring-ide	915fe9bff5d50db45ee0b8fb993416e45dee68179	other or lack of	unknown
716	spring-projects	spring-insight-plugins	www.github.com/spring-projects/spring-insight-plugins	106140e88c18717b3d9a5ac1aae73f14fe6d4d5	ANT; MAVEN	1.5

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
717	spring-projects	spring-integration	www.github.com/spring-projects/spring-integration	872302de6e98c1fd34e3192d8e4de244008ca857	GRADLE	unknown
718	spring-projects	spring-integration-aws	www.github.com/spring-projects/spring-integration-aws	562b20bd4dfa5c8fdbe29cbcd74fc696191f519	GRADLE	unknown
719	spring-projects	spring-integration-extensions	www.github.com/spring-projects/spring-integration-extensions	804e0e9ccf56092c6caed4e585eea721e0a3be4f	GRADLE; MAVEN	6
720	spring-projects	Spring-Integration-in-Action	www.github.com/spring-projects/Integration-in-Action	f4c52d5ff803a3f50bd1df5a44d438d811f9d2f0	MAVEN	6
721	spring-projects	spring-integration-java-dsl	www.github.com/spring-projects/integration-java-dsl	374682236256f639c3c47fda12f34386cbe0383f	GRADLE	unknown
722	spring-projects	spring-integration-kafka	www.github.com/spring-projects/integration-kafka	e679e03f8ee3cb4e8ef2ff1c139e7e281254eb17	GRADLE	unknown
723	spring-projects	spring-integration-samples	www.github.com/spring-projects/integration-samples	cb052d2d98117d96331f883756e68e4bf31ffc84	GRADLE; MAVEN	unknown
724	spring-projects	spring-integration-splunk	www.github.com/spring-projects/integration-splunk	ddf8c8dd9137048be3cdc4c4a29c61f74562f748	GRADLE	unknown
725	spring-projects	spring-kafka	www.github.com/spring-projects/spring-kafka	06c34c572f2916b7717d9865edb1adbbdafd6d61	GRADLE; MAVEN	8
726	spring-projects	spring-ldap	www.github.com/spring-projects/spring-ldap	6a9bdc34811b87b5425c05068a31ff61d7c59170	GRADLE	unknown
727	spring-projects	spring-loaded	www.github.com/spring-projects/spring-loaded	d6555bf5b0b62aef92be79f5f2f5e00426ebee36	GRADLE	unknown
728	spring-projects	spring-mobile	www.github.com/spring-projects/spring-mobile	a402bcacf208e24288b957f44c9984bd6e8bf064	GRADLE	unknown
729	spring-projects	spring-mvc-showcase	www.github.com/spring-projects/spring-mvc-showcase	b9e18ad9e508409324b8afa9d359cfe05cd8442e	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
730	spring-projects	spring-petclinic	www.github.com/spring-projects/spring-petclinic	be24e0c15ea8efa093055901426508604bba76ab	MAVEN	8
731	spring-projects	spring-plugin	www.github.com/spring-projects/spring-plugin	953d2ce12f05f26444fbb3bf21011f538f729868	MAVEN	8
732	spring-projects	spring-restdocs	www.github.com/spring-projects/spring-restdocs	957f352e763ae58321a1667c2cc8bed2e8c1e3bb	GRADLE; MAVEN	8
733	spring-projects	spring-retry	www.github.com/spring-projects/spring-retry	e538399d7507145a4d171160be2d7afab294d4e3	MAVEN	6
734	spring-projects	spring-roo	www.github.com/spring-projects/spring-roo	4a2e9f1eb17d4e49ad947503a63afef7d5a37842	MAVEN	7
735	spring-projects	spring-roo-community-addons	www.github.com/spring-projects/spring-roo-community-addons	6b7682f33eedebae8881cd0d16a3b415160bc51f	MAVEN	unknown
736	spring-projects	spring-roo-wrapping	www.github.com/spring-projects/spring-roo-wrapping	413646a24c512fb2244d18cc24999846e422b7f5	MAVEN	1.5
737	spring-projects	spring-security	www.github.com/spring-projects/spring-security	8dd2864dea3de5ea98637a1629debc89c29e76c0	GRADLE	unknown
738	spring-projects	spring-security-javaconfig	www.github.com/spring-projects/spring-security-javaconfig	08d287ee33ffc7f7ae5d43d07b261ea429217540	GRADLE; MAVEN	unknown
739	spring-projects	spring-security-kerberos	www.github.com/spring-projects/spring-security-kerberos	e0d93f7b680234ee98bab0882f3b3b0c3ea6144c	GRADLE	unknown
740	spring-projects	spring-security-oauth	www.github.com/spring-projects/spring-security-kerberos	bbae0027eceb2c74a21ac26bbc86142dc732ffbe	ANT; MAVEN	6
741	spring-projects	spring-security-oauth2-boot	www.github.com/spring-projects/spring-security-kerberos	1912610445fb381475544181f1c3647a2c7eeb23	GRADLE	unknown
742	spring-projects	spring-security-reactive	www.github.com/spring-projects/spring-security-reactive	37749a64f782c2b2f81afb3db1b30cea3e956839	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
743	spring-projects	spring-security-saml	www.github.com/spring-projects/spring-security-saml	fa46190c8c37c2eb24b0fd424263c219ffe27e25	GRADLE	unknown
744	spring-projects	spring-session	www.github.com/spring-projects/spring-session	a5a3bc5d0b57d396882199dfbf8cb560a355ca1e	GRADLE	unknown
745	spring-projects	spring-session-data-mongodb	www.github.com/spring-projects/spring-session-data-mongodb	fb606ffbffc058db1e742463a824ac6adf74b658	MAVEN	8
746	spring-projects	spring-shell	www.github.com/spring-projects/spring-shell	5ec589909ed320f999ade109dcc97087e072893b	MAVEN	8
747	spring-projects	spring-social	www.github.com/spring-projects/spring-social	b2715375f0ee98cda5e2e29728e51943822f938c	GRADLE	unknown
748	spring-projects	spring-social-facebook	www.github.com/spring-projects/spring-social-facebook	776cc8b91c44444c2a4f90611194e31d2e7201852	GRADLE	unknown
749	spring-projects	spring-social-github	www.github.com/spring-projects/spring-social-github	7939988245be49486d27c42c30bfb0a567c6ec1b	GRADLE	unknown
750	spring-projects	spring-social-linkedin	www.github.com/spring-projects/spring-social-linkedin	33a06e40ea1b41e024b3206a53d64bc6e242c184	GRADLE	unknown
751	spring-projects	spring-social-samples	www.github.com/spring-projects/spring-social-samples	18a08271b5532664c70a78d3e8b39ecb72a1eeef	GRADLE; MAVEN	6
752	spring-projects	spring-social-twitter	www.github.com/spring-projects/spring-social-twitter	196209519ce52eead06140d249e2b7b826329e50	GRADLE	unknown
753	spring-projects	spring-statemachine	www.github.com/spring-projects/spring-statemachine	02ecb28751fcffd6f5306189f41bbcadcd3af18a	GRADLE	unknown
754	spring-projects	spring-test-htmlunit	www.github.com/spring-projects/spring-test-htmlunit	albb315ba7f6dbd6796f5e384f590274c3df8df4	GRADLE	unknown
755	spring-projects	spring-vault	www.github.com/spring-projects/spring-vault	6e36eb10b02c6931c3b565c5d9d76f5e217bf309	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
756	spring-projects	spring-webflow	www.github.com/spring-projects/spring-webflow	8b9e13ba38bedab43742c23377aca9e640e6813b	ANT; GRADLE MAVEN	unknown
757	spring-projects	spring-ws	www.github.com/spring-projects/spring-ws	620d3aed4c7d456d10a700969d46397f6b66edc		8
758	spring-projects	spring-xd	www.github.com/spring-projects/spring-xd	ec106725c51d245109b2e5055d9f65e43228ecc1	GRADLE	unknown
759	spring-projects	spring-xd-ec2	www.github.com/spring-projects/spring-xd-ec2	b1714eb163e9da002e34bd47e8ad078bae94b4bd	GRADLE	unknown
760	spring-projects	spring-xd-modules	www.github.com/spring-projects/spring-xd-modules	5397bb0ae974e5cc6ea02e75d69083b2717308c3	GRADLE; MAVEN	7
761	spring-projects	spring-xd-samples	www.github.com/spring-projects/spring-xd-samples	b444dfb4c84eb25db95218de4a202ea411238e18	GRADLE; MAVEN	8
762	spring-projects	sts4	www.github.com/spring-projects/sts4	46e9e985b0c5e28ea1952d9fc640ec12fd9c8fdd	GRADLE; MAVEN	8
763	SUSE	salt-netapi-client	www.github.com/SUSE/salt-netapi-client	38a846dd5884686ba377ec1d933a6d819fbf5b2b	MAVEN	8
764	Tencent	GT	www.github.com/Tencent/GT	6e115aa7927441a7348f747b1316d5f4c4b4241a	GRADLE	unknown
765	Tencent	QMUI_Android	www.github.com/Tencent/QMUI_Android	6ff5493a05845918c126cce8a3e639f8d996481b	GRADLE	unknown
766	Tencent	RapidView	www.github.com/Tencent/RapidView	f813c627f8592bad0f9c24643ee53f73b738f1aa	ANT; GRADLE; MAVEN	unknown
767	Tencent	soter	www.github.com/Tencent/soter	8ecde27599ce0f763b6c1f774d2e61e81c7ad6b8	GRADLE	unknown
768	Tencent	tinker	www.github.com/Tencent/tinker	7523900600317ebd618f3505434176b381bd0bc2	GRADLE	unknown
769	Tencent	VasDolly	www.github.com/Tencent/VasDolly	6ac37e2fafebc1618caeda947f6328a86152024	GRADLE	unknown
770	Tencent	VasSonic	www.github.com/Tencent/VasSonic	c2b9fd2e4e45a249149487d9f81ef15d6e09d7f5	GRADLE	unknown
771	uber	AutoDispose	www.github.com/uber/AutoDispose	f5f0d64ccf8b2cfed6d32f694554f244f841620b	GRADLE	unknown

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
772	uber	cadence-java-client	www.github.com/uber/cadence-java-client	ea6a383871b99b8f091ff7a8c4a8f51d1c846d70	GRADLE	unknown
773	uber	NullAway	www.github.com/uber/NullAway	31a184261daaf05f3d353146f44e8e8f12fd7a4d	GRADLE	unknown
774	uber	okbuck	www.github.com/uber/okbuck	8954c4739d730b510fb6fcb527fb28f5f90bd0d6	GRADLE	unknown
775	uber	phabricator-jenkins-plugin	www.github.com/uber/phabricator-jenkins-plugin	e3116250dc8e88f88e2e92a06ee756cd4cc825e6	GRADLE	unknown
776	uber	rave	www.github.com/uber/rave	3b59a9cbdbdec0108831f667ec5ec809c9af0a5	GRADLE	unknown
777	uber	RIBs	www.github.com/uber/RIBs	d5f6dbe95fcc0e6d8d08926b06ccd015f4678b3	GRADLE	unknown
778	uber	rides-android-sdk	www.github.com/uber/rides-android-sdk	594b15fa0a4e926b8084f8ec31e38ffa870914f8	GRADLE	unknown
779	uber	rides-java-sdk	www.github.com/uber/rides-java-sdk	6c75570ab7884f8ecafaad312ef471dd33f64c42	GRADLE	unknown
780	uber	tchannel-java	www.github.com/uber/tchannel-java	f9cc9e2e6af829939612bf37a7bf33e126f771bf	MAVEN	7
781	uber	uReplicator	www.github.com/uber/uReplicator	97868ace4916b206ceed87d77e6db870b6253761	MAVEN	8
782	Unity-Technologies	unity-ads-android	www.github.com/Unity-Technologies/unity-ads-android	9b8c951ebe568f76d078377fdd0a20e0064f2c4d	GRADLE	unknown
783	vmware	admiral	www.github.com/vmware/admiral	e02d0e77f65d0ec3541a378110ecd4233bdb6664	MAVEN	8
784	vmware	burp-rest-api	www.github.com/vmware/burp-rest-api	18b9db1fbc60ba916f768d1b9a86ea6159228950	GRADLE	unknown
785	vmware	connectors-workspace-one	www.github.com/vmware/connectors-workspace-one	a51d352fde12ff51b5e47aea618cb21d74a589af	MAVEN	8
786	vmware	hillview	www.github.com/vmware/hillview	b5086fe08f9b5c5e3e6a280b5bbd6955f7e897e2	MAVEN	8
787	vmware	jenkins-reviewbot	www.github.com/vmware/jenkins-reviewbot	c1f5cfe873eda79fc5e9c76ca25be009a5b4f16	MAVEN	unknown
788	vmware	upgrade-framework	www.github.com/vmware/upgrade-framework	32f9a3a73e151126ec6f622bb6f913a2cb810a18	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
789	vmware	vsphere-automation-sdk-java	www.github.com/vmware/vsphere-automation-sdk-java	05bb0f13e449aebb6237ccb66688a57abbb69d43	MAVEN	7
790	vmware	xenon	www.github.com/vmware/xenon	b6fb48b745985af2efc59b7ee0e5e7d69a289fbc	MAVEN	8
791	yandex	clickhouse-jdbc	www.github.com/yandex/clickhouse-jdbc	b0f66b311bd94a22bf6208918d438eff9c7d381c	MAVEN	6
792	yandex	graphouse	www.github.com/yandex/graphouse	7ba79dd830b7d4a631a15cb8b49f1e8e6ff30fea	GRADLE	unknown

TABLE II: Projects filtered by Java version extracted from Maven build tool

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
1	adobe	S3Mock	www.github.com/adobe/S3Mock	5aa299c2b6d0f0d00f8d03fda560502270afb82	MAVEN	8
2	alexa	alexa-skills-kit-sdk-for-java	www.github.com/alexa/alexa-skills-kit-sdk-for-java	bf1e9ccc50d1f3f8408f887f70197ee288fd4bd9	MAVEN	8
3	alibaba	jetcache	www.github.com/alibaba/jetcache	bc97c826555ba54b56799746db20b213bf8cfbd	MAVEN	8
4	alibaba	yugong	www.github.com/alibaba/yugong	de9ebf138d87d1af6f31aa0013c7d00c2b8491f4	MAVEN	8
5	amzn	ion-java	www.github.com/amzn/ion-java	a19302d1ebcc5e8ca41d19342581364f89d09c1a	MAVEN	11
6	apache	accumulo	www.github.com/apache/accumulo	f896c98c2356a52dfa2235d2cc02ae556ab17909	MAVEN	8
7	apache	accumulo-examples	www.github.com/apache/accumulo-examples	3f3586bd237c8144bf9636c11889846b6dd6a654	MAVEN	8
8	apache	accumulo-testing	www.github.com/apache/accumulo-testing	d87d448278d43750cc978e9f37bacaf7e8591bb9	MAVEN	8
9	apache	activemq	www.github.com/apache/activemq	ccf56875b0660214e0a61bd2f8adc418143551fc	ANT; MAVEN	8
10	apache	activemq-artemis	www.github.com/apache/activemq-artemis	5bd5c610195d6f4a3dd1ac28170727003f8a5a54	MAVEN	8
11	apache	airavata	www.github.com/apache/airavata	391843a00eeefa7b6213e845f2f044b4e042894d5	MAVEN	8
12	apache	apex-core	www.github.com/apache/apex-core	d17f464fcdf19778e2f8edbe2b03419151558068	MAVEN	8
13	apache	archiva	www.github.com/apache/archiva	d1242030bf232c0d9b68e4402188ee261924bf4b	MAVEN	8
14	apache	aries-jpa	www.github.com/apache/aries-jpa	f8a04dfabbbf0853af07926e4d8f8028b0d829bc8	MAVEN	8
15	apache	aries-rsa	www.github.com/apache/aries-rsa	f5aa5ca62c3948d7e471c3a839089180650cf4f2	MAVEN	8
16	apache	atlas	www.github.com/apache/atlas	af1719a3472d1d436d0fc685fe9f88d8a754ef94	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
17	apache	avro	www.github.com/apache/avro	1119b6eb5b92730b27e9798793bc67f192591c15	ANT; MAVEN	8
18	apache	bahir-flink	www.github.com/apache/bahir-flink	45b6beb522ada24b644e11c470cb743551469ae1	MAVEN	8
19	apache	bigtop	www.github.com/apache/bigtop	2cfcee08fc39a5f0b918ff2b895e1620344b390b	GRADLE; MAVEN	8
20	apache	bookkeeper	www.github.com/apache/bookkeeper	f26a4cae0e9205ad391c6d4d79f2937871864c28	MAVEN	8
21	apache	brooklyn-server	www.github.com/apache/brooklyn-server	880eb1da00f6358d7fd76d065322e3685bfb1a04	MAVEN	8
22	apache	calcite	www.github.com/apache/calcite	a648f9c12309cc253628930b0cab98591caa66ab	MAVEN	8
23	apache	calcite-avatica	www.github.com/apache/calcite-avatica	9cf1a92c58f2fbac5ea5723f0b13e5bec436432b	MAVEN	8
24	apache	camel	www.github.com/apache/camel	8a85a70643c4d6ecc2d3abddea44ecb06c2f486	MAVEN	8
25	apache	cayenne	www.github.com/apache/cayenne	5be5235ed1c02589b6300e9729cf3c308c0173e8	GRADLE; MAVEN	8
26	apache	chemistry-opencmis	www.github.com/apache/chemistry-opencmis	ef8513d708e5e21710afe5caf8b32a62a0ac532	MAVEN	8
27	apache	chukwa	www.github.com/apache/chukwa	65f6972859115a4ddad6def06475465f0971e9ae	ANT; MAVEN	8
28	apache	cloudstack	www.github.com/apache/cloudstack	8d3feb100aab4a45b31a789f444038b892161eec	MAVEN	8
29	apache	commons-bcel	www.github.com/apache/commons-bcel	41aac40d94cc055e05d860305fe5a6fc8d3f8772	MAVEN	8
30	apache	commons-beanutils	www.github.com/apache/commons-beanutils	33a067788f2a414c0b019f8d8974cc455c1982a4	ANT; MAVEN	8
31	apache	commons-codec	www.github.com/apache/commons-codec	7b2ab4a2659b987b823c7cb0a163c766557da802	MAVEN	8
32	apache	commons-collections	www.github.com/apache/commons-collections	bb0781551c7f1d7ddd28733acff95e1f130e766c	MAVEN	8
33	apache	commons-configuration	www.github.com/apache/commons-configuration	34357e075d63c3634310878636f9498847badcab	MAVEN	8
34	apache	commons-crypto	www.github.com/apache/commons-crypto	7b7a36d603ad943ac033469b1e889946c947a385	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
35	apache	commons-csv	www.github.com/apache/commons-csv	766562306cec616902ca389f7b6bf2da0a8111c	MAVEN	8
36	apache	commons-dbcp	www.github.com/apache/commons-dbcp	d3afaa64f8d2ab6eb8f6eb08979bd9d265589352	MAVEN	8
37	apache	commons-fileupload	www.github.com/apache/commons-fileupload	998e93b29067f41093310bb47da4f63a1a884fba	MAVEN	8
38	apache	commons-jcs	www.github.com/apache/commons-jcs	ad897014842fc830483f32fdb903f3bb8f70289	MAVEN	8
39	apache	commons-lang	www.github.com/apache/commons-lang	4b0f3ed081fc9b82778deeb7b7babef5b6f5ecf4	MAVEN	8
40	apache	commons-math	www.github.com/apache/commons-math	f3719d89ab6a928e8618bbe6a7da8214d9d6eb07	ANT; MAVEN	8
41	apache	commons-numbers	www.github.com/apache/commons-numbers	cfad08c08b18bec5cde044aa547e8c060e9bfac4	MAVEN	8
42	apache	commons-rdf	www.github.com/apache/commons-rdf	796708dda0f14db438caf791e1ff572340fe04ea	MAVEN	8
43	apache	commons-scxml	www.github.com/apache/commons-scxml	2bd93bad71dfe185e24ca673b7e74a6c594075c3	MAVEN	8
44	apache	commons-text	www.github.com/apache/commons-text	fb62805615082bc1ce02c46a6b1c8d0383aa09b	MAVEN	8
45	apache	commons-vfs	www.github.com/apache/commons-vfs	fe61e3b164970d381cda1d89670420a2c32a9629	MAVEN	8
46	apache	commons-weaver	www.github.com/apache/commons-weaver	13add7c734d637a5376e7aa9a828db64063487a9	ANT; MAVEN	8
47	apache	curator	www.github.com/apache/curator	5ff795271b21c2b8f487a69efabac834fb714383	MAVEN	8
48	apache	cxf	www.github.com/apache/cxf	6bf89e9c8804c8845ec4d38583dd33eea8256439	ANT; MAVEN	8
49	apache	directory-fortress-commander	www.github.com/apache/directory-fortress-commander	73aadbad04fc9ec8b14faa2191c4c9545f3396a4	MAVEN	8
50	apache	directory-fortress-enmasse	www.github.com/apache/directory-fortress-enmasse	2f98b429a48efc2081e86a88f998fbd66da90ba	MAVEN	8
51	apache	directory-ldap-api	www.github.com/apache/directory-ldap-api	5b93e102556ad2191b5d30411708410d1b1a9d71	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
52	apache	directory-studio	www.github.com/apache/directory-studio	e8f15ea553a3ae7bebc2fe96d6a2864e188f8017	MAVEN	8
53	apache	drill	www.github.com/apache/drill	5e2251a9fd659b81ebfcd6702ee4ee16b3f7b6b3	MAVEN	8
54	apache	eagle	www.github.com/apache/eagle	7ac9421c2c27d12ae88f001866b4444310fcaa3f	ANT; MAVEN	8
55	apache	flink	www.github.com/apache/flink	8068c8775ad067d75828e6360e7e0994348da9b9	MAVEN	8
56	apache	flume	www.github.com/apache/flume	7d3396f26dc1541e9d2a540d50d15a15c38acb74	MAVEN	8
57	apache	fluo	www.github.com/apache/fluo	8e06204d4167651e2d3b5219b8c1397644e6ba6e	MAVEN	8
58	apache	geronimo-config	www.github.com/apache/geronimo-config	020fd1e28beaf885b5c85457f7a0c23de439a12	MAVEN	8
59	apache	geronimo-safeguard	www.github.com/apache/geronimo-safeguard	ad4b701c50759024adcc926f7612761b1f50f2f7	MAVEN	8
60	apache	griffin	www.github.com/apache/griffin	1cf2a15452a9998da4ede6d61fe8a7138dd65341	MAVEN	8
61	apache	guacamole-client	www.github.com/apache/guacamole-client	44df0e36e0ca6386cd566b359dd007e8596a8445	MAVEN	8
62	apache	hama	www.github.com/apache/hama	734a4d7337cbd132623c7dcb84c300de428d13bf	MAVEN	8
63	apache	hive	www.github.com/apache/hive	2fa22bf360898dc8fd1408bfcc96e1c6aeaf9a53	ANT; MAVEN	8
64	apache	ignite	www.github.com/apache/ignite	7a7c407ea41477aae8508bfe871b4e9a67e1b277	GRADLE; MAVEN	8
65	apache	incubator-craill	www.github.com/apache/incubator-craill	1cc0ffff6c7585d3e97b3ef7e295f534d1a22a8a	MAVEN	8
66	apache	incubator-druid	www.github.com/apache/incubator-druid	8ca7cb4886dcaeeaaea3a06aceb9e6d50eeecab5	MAVEN	8
67	apache	incubator-dubbo	www.github.com/apache/incubator-dubbo	6e4ff91dfca4395a8d1b180f40f632e97ac779d	MAVEN	8
68	apache	incubator-edgent	www.github.com/apache/incubator-edgent	2e44089358175964650fed5e2bf4ad071b05b7d6	MAVEN	8
69	apache	incubator-heron	www.github.com/apache/incubator-heron	17f1b06fffed0c242b181b3e945c7e6a31478751	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
70	apache	incubator-hudi	www.github.com/apache/incubator-hudi	194d904c99ebd013af55eac7509e3e79193dce77	MAVEN	8
71	apache	incubator-netbeans	www.github.com/apache/incubator-netbeans	c6eb7aa76370f9a059736b686ba2b1f5f622e87c	ANT; GRADLE; MAVEN MAVEN	8
72	apache	incubator-pinot	www.github.com/apache/incubator-pinot	d58f8bce4b59de096b4ee9fee61c679482dd1d7d	MAVEN	8
73	apache	incubator-plc4x	www.github.com/apache/incubator-plc4x	4fbiabf5a33198613b8478259ab85771c740fb0e	MAVEN	8
74	apache	incubator-rya	www.github.com/apache/incubator-rya	5463da23c7cd5eaddf2ab13f0b42141211ab59f2	MAVEN	8
75	apache	incubator-skywalking	www.github.com/apache/incubator-skywalking	32c4bced8a7e055003d6e4bea0fd8f8361bec8e5	MAVEN	8
76	apache	incubator-tamaya	www.github.com/apache/incubator-tamaya	4fb489827bdcaabff1542500a92ef9ab76769185	MAVEN	8
77	apache	isis	www.github.com/apache/isis	2af2ef3e2edcb807d742f089839e0571d8132bd9	GRADLE; MAVEN MAVEN	8
78	apache	jackrabbit-oak	www.github.com/apache/jackrabbit-oak	fa85f54a065e01c0a1cb8c03af74194fd521ddd	MAVEN	8
79	apache	jena	www.github.com/apache/jena	1cca775bbf0bb0fd3ee8ac55e31f0f30cddc3b77	MAVEN	8
80	apache	johnzon	www.github.com/apache/johnzon	0e77865fea3a84c08ec1609fbf8b23dfc8d7903d	MAVEN	8
81	apache	joshua	www.github.com/apache/joshua	e9cb9ebb495782f4ed238e08e64f5503085641fc	MAVEN	8
82	apache	juneau	www.github.com/apache/juneau	1bd3d8be0ed8a51a0a68cccf2d1d6778baa4b6ee	MAVEN	8
83	apache	kafka	www.github.com/apache/kafka	c74acb24eb1da5d16cc2721a63931cd87f79ec66	GRADLE; MAVEN MAVEN	8
84	apache	karaf	www.github.com/apache/karaf	4f180ea216c284d21b2d44efa6292b2495a3c8ea7	MAVEN	8
85	apache	knox	www.github.com/apache/knox	8a504c7c7f8e6a07ded65c671b64ccd702f47668	ANT; MAVEN	8
86	apache	lens	www.github.com/apache/lens	f64a0f5984216a61f0a2c5ef90510a88390acde0	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
87	apache	logging-chainsaw	www.github.com/apache/logging-chainsaw	b7277083a7105916a9d054045d188a553623c6b5	ANT; MAVEN	8
88	apache	logging-log4j-audit	www.github.com/apache/logging-log4j-audit	e354306724ca815ad54575c8a4d07d5d5c93a2c1	MAVEN	8
89	apache	logging-log4j2	www.github.com/apache/logging-log4j2	9b6bb237ae8771ffb6d61ed07b0acb4f4dc2da6	MAVEN	8
90	apache	mahout	www.github.com/apache/mahout	b0cfl694e60f643e352182ea03744c34e96dbac4	MAVEN	8
91	apache	manifoldcf	www.github.com/apache/manifoldcf	542db79eb8662c086e39ec7deac743da430f5714	ANT; MAVEN	8
92	apache	maven-site-plugin	www.github.com/apache/maven-site-plugin	a6810f279c678ef6f4770af90ac41a590e91d4a6	MAVEN	8
93	apache	metamodel	www.github.com/apache/metamodel	ccafc27f4e3be03dad42791d4c1a31038433925	MAVEN	8
94	apache	metron	www.github.com/apache/metron	17b31b48f59627a9e768a5cbe0be7ac55b5b04f8	MAVEN	8
95	apache	mnemonic	www.github.com/apache/mnemonic	80180a8240c370f292a464fba5a359129dedb5c6	MAVEN	8
96	apache	nifi-minifi	www.github.com/apache/nifi-minifi	fb246621474c6a4e4b4d54cf935202dfec16ada6	MAVEN	8
97	apache	nifi-registry	www.github.com/apache/nifi-registry	563bfeda9766b7fe9d4480c55ac7212679db10c8	MAVEN	8
98	apache	oozie	www.github.com/apache/oozie	491e73ee9f941dfb25dfe92121fb033295ef42ee	MAVEN	8
99	apache	openjpa	www.github.com/apache/openjpa	8c0b843f6e6e0dd86a31e485928e61f2ba4c8f29	ANT; MAVEN	8
100	apache	opennlp	www.github.com/apache/opennlp	a07efca33b40f18e9d28a59f9e40924a0c8a89a5	MAVEN	8
101	apache	openwebbeans	www.github.com/apache/openwebbeans	7831798861478a035c9e9dcca151b5a67e4a28a3	MAVEN	8
102	apache	parquet-mr	www.github.com/apache/parquet-mr	811310d01bfe3dcb4ca95aa8eed9ed6d806bf7c1	MAVEN	8
103	apache	portals-pluto	www.github.com/apache/portals-pluto	4db5ddd26fb2ce642be7b0894858e664c6076a3b	GRADLE; MAVEN	8
104	apache	pulsar	www.github.com/apache/pulsar	044daf8d61328265640a5b3e5008fc04fac73efa	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
105	apache	qpid-broker-j	www.github.com/apache/qpid-broker-j	4c4400b98a5a8493cfb9e5dbb21c97175f433a62	MAVEN	8
106	apache	qpid-jms	www.github.com/apache/qpid-jms	59f62b111687072fiad3302fb4c6f91a389b4c0e6	MAVEN	8
107	apache	qpid-proton-j	www.github.com/apache/qpid-proton-j	0ca7831d222cce58f21fa368b2005a49eb3707a1	MAVEN	8
108	apache	ranger	www.github.com/apache/ranger	7c52a79a5d0b41bfc94caca9d531e0fefba2bfe7	MAVEN	8
109	apache	rocketmq	www.github.com/apache/rocketmq	971fa8ed8b209b39bdfe41c57cd64576d244e6bd	MAVEN	8
110	apache	samza-hello-samza	www.github.com/apache/samza-hello-samza	6f8f94a628485a78763e8f1fa037a843d236605c	GRADLE; MAVEN	8
111	apache	santuario-java	www.github.com/apache/santuario-java	fa12dc57a16fbcd637c2aac6f3af3db19fe4b187	MAVEN	8
112	apache	servicecomb-java-chassis	www.github.com/apache/servicecomb-java-chassis	72cd0e137c4a0c3b899adfa6e19e2fd590743014	GRADLE; MAVEN	8
113	apache	servicecomb-pack	www.github.com/apache/servicecomb-pack	7e36acb39d1e8a4c427403a05a6bc100111be8d6	MAVEN	8
114	apache	servicemix-bundles	www.github.com/apache/servicemix-bundles	5f2c7727f71c167997947ad4604f9b8200952af2	MAVEN	8
115	apache	sis	www.github.com/apache/sis	002121abc9b9826fbd51fac7150b3ee0c02cc88b	ANT; MAVEN	8
116	apache	sliding-samples	www.github.com/apache/sliding-samples	2b7db26069686bf2d4d20a1b06b3f5c13d9415fc0	MAVEN	8
117	apache	sliding-whiteboard	www.github.com/apache/sliding-whiteboard	031d91286cc6fa152daf7a2cc62f1cd2f6bbf1bd	MAVEN	8
118	apache	storm	www.github.com/apache/storm	dc56e32f3dcdd9396a827a85029d60ed97474786	MAVEN	8
119	apache	streams	www.github.com/apache/streams	5427e72d02bd7f1904da05cdf033359690d2dd00	MAVEN	8
120	apache	struts	www.github.com/apache/struts	e82c5a207f62fdb1bb6e8da690325b5a109c924f	ANT; MAVEN	8
121	apache	struts-examples	www.github.com/apache/struts-examples	59674d7d79a806c12c23380895da007c292fc42f	MAVEN	8
122	apache	syncscope	www.github.com/apache/syncscope	114c412afbba24ffba4fbc804e5308a823a16a78	MAVEN	11

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
123	apache	systemml	www.github.com/apache/systemml	7fba4b29d653747a9ed038d282954a44fea3031c	MAVEN	8
124	apache	tapestry-5	www.github.com/apache/tapestry-5	542950fc0266e8f9be1aacb5d6ba92146ae20f1b	GRADLE; MAVEN	8
125	apache	tez	www.github.com/apache/tez	d5675c3322497c1ac1dedefd91e87476b5c0d7a9	MAVEN	8
126	apache	tinkerpop	www.github.com/apache/tinkerpop	7d9df0fac08f9e675ca7b337fc5e0243c09b53	MAVEN	8
127	apache	tomcat	www.github.com/apache/tomcat	a9c1a0661198d9ba37c1facd8385fe05d538c4ad	ANT; MAVEN	8
128	apache	tomee	www.github.com/apache/tomee	d21933b313aff812fe5188b57bf572a9ad649148	ANT; MAVEN	8
129	apache	uima-ruta	www.github.com/apache/uima-ruta	08efb111a775b4ba01cf048ac699aa9c22188325	MAVEN	8
130	apache	uima-uimafit	www.github.com/apache/uima-uimafit	c98df465869d7f4f1d907d2821791edee762ed10	MAVEN	8
131	apache	uima-uimaj	www.github.com/apache/uima-uimaj	e79c33b5a3e4c25afb407e68e98df1829a68e5a7	MAVEN	8
132	apache	velocity-engine	www.github.com/apache/velocity-engine	c85f3e586f0fea89dc21253d017baa180957b75	MAVEN	8
133	apache	velocity-tools	www.github.com/apache/velocity-tools	6b9432af060a83a1abff799ccf4c39048162ce50	MAVEN	8
134	apache	vxquery	www.github.com/apache/vxquery	5d1175d2cb04a54ba751295f2ac67daec38bf723	MAVEN	8
135	apache	zeppelin	www.github.com/apache/zeppelin	4219d552349f8f7f3e6de34505b8a8ae9835f98b	MAVEN	8
136	apache	zookeeper	www.github.com/apache/zookeeper	07c3aaf3d723fb3144c0aedc0c2b655325df70e9	ANT; MAVEN	8
137	aws	amazon-kinesis-video-streams-parser-library	www.github.com/aws/amazon-kinesis-video-streams-parser-library	c54e6388f0f8e2769369995b9710ffd03cf9cc67	MAVEN	8
138	aws	aws-dynamodb-encryption-java	www.github.com/aws/aws-dynamodb-encryption-java	f2fb83c7f48201f65b5ad4a8842c8e811cad5862	MAVEN	8
139	aws	aws-encryption-sdk-java	www.github.com/aws/aws-encryption-sdk-java	0dbf1d54e554398615e4a2436e9b6e1884cbb428	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
140	aws	aws-sdk-java	www.github.com/aws/aws-sdk-java	23de459e21f976bc2c381c18ba3601184c553d28	ANT; MAVEN	8
141	aws	aws-sdk-java-v2	www.github.com/aws/aws-sdk-java-v2	1d5d11e8087c93ab1a3a2d35193052e526fd123c	MAVEN	8
142	aws	aws-xray-sdk-java	www.github.com/aws/aws-xray-sdk-java	f893f6c123ce4958525d24681c1228887ce45256	MAVEN	8
143	aws	elastic-load-balancing-tools	www.github.com/aws/elastic-load-balancing-tools	2f317f373a8c01e9356cd5fe65addafcdb577941	MAVEN	8
144	awsdocs	aws-doc-sdk-examples	www.github.com/awsdocs/aws-doc-sdk-examples	0f9bf8105a92c04550b49d2ebfc582315fd4a01	MAVEN	8
145	awslabs	amazon-kinesis-client	www.github.com/awslabs/amazon-kinesis-client	a6291857864fca86e05050f980ed322402363517	MAVEN	8
146	awslabs	amazon-kinesis-scaling-utils	www.github.com/awslabs/amazon-kinesis-scaling-utils	89ecd1db779aac9376aa69d85d320103e354a1e	MAVEN	8
147	awslabs	amazon-kinesis-video-streams-producer-sdk-java	www.github.com/awslabs/amazon-kinesis-video-streams-producer-sdk-java	8e996a56e4758d34dab2f9d966da9f5ee8adc38f	MAVEN	8
148	awslabs	aws-serverless-java-container	www.github.com/awslabs/aws-serverless-java-container	e4f4d4de6016a60d3fe728181d24aa4d91e645ec	GRADLE; MAVEN	8
149	cloudfoundry	java-buildpack-dependency-builder	www.github.com/cloudfoundry/java-buildpack-dependency-builder	d15085bcf74312af19ad40bee847e43c3b4e32ee	MAVEN	8
150	eclipse	birt	www.github.com/eclipse/birt	f89264810347de98702db45386a822aac0fadbf	ANT; MAVEN	8
151	eclipse	cft	www.github.com/eclipse/cft	36e7a593b3a7d935e540f6632828b01f88842be6	MAVEN	8
152	eclipse	che	www.github.com/eclipse/che	c5498c2ac562cd8a2fc79a6bb046d291f05a201	ANT; MAVEN	8
153	eclipse	conciierge	www.github.com/eclipse/conciierge	4c73cacebc5ecbdef24d4256ab506359294f7a55	GRADLE; MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
154	eclipse	ConfigJSR	www.github.com/eclipse/ConfigJSR	ac47a50fd8a4af50512991344dbf7546c9baf371	MAVEN	8
155	eclipse	dawnsci	www.github.com/eclipse/dawnsci	1131d5c65e9e8ea98141eecee1743cf1053544f4	ANT; MAVEN	8
156	eclipse	ditto	www.github.com/eclipse/ditto	7fec826b94f3711f6c6ef6be1685b60bd1a8ecb5	MAVEN	8
157	eclipse	eclipse-collections	www.github.com/eclipse/eclipse-collections	fa40c9aadbd36fb08f05a60b200e92ace40a7bfd	MAVEN	8
158	eclipse	eclipse-collections-kata	www.github.com/eclipse/eclipse-collections-kata	edffbc49f9a2b5d949205985ea7f15d75685fbc	GRADLE; MAVEN	8
159	eclipse	golo-lang	www.github.com/eclipse/golo-lang	96a489736fa2a3b0313f2fa5fb290612a84b937c	GRADLE; MAVEN	8
160	eclipse	hawkbit	www.github.com/eclipse/hawkbit	51be28147f6f575b6c1ab4a5ef84fd9174f1209	MAVEN	8
161	eclipse	hono	www.github.com/eclipse/hono	ec84947227564c6459801f708bdeabd7687a8bf0	MAVEN	11
162	eclipse	january	www.github.com/eclipse/january	4f8e374b5b9a0271c1b387df5e0f7515fc5b661b	MAVEN	8
163	eclipse	jetty.project	www.github.com/eclipse/jetty.project	65528f76c5ef6ddca11385f9721c8f0bc5f2eed7	ANT; MAVEN	9
164	eclipse	jetty.toolchain	www.github.com/eclipse/jetty.toolchain	d5b21618e7129982cc1a0397ca09d0cee7b97310	MAVEN	8
165	eclipse	jgit	www.github.com/eclipse/jgit	00523f38a19b073990239b0f837efa14197764c7	MAVEN	8
166	eclipse	jnosql	www.github.com/eclipse/jnosql	9f03fa6ffe2dd4b538f7dbce424649aa4e484657	MAVEN	8
167	eclipse	kapua	www.github.com/eclipse/kapua	11e610c657f7e473b52882833e33a22261bd3d67d	MAVEN	8
168	eclipse	kura	www.github.com/eclipse/kura	5e9f3e3d03c8a9ec7857b3fb9080b256821bb32a	ANT; MAVEN	8
169	eclipse	microprofile-config	www.github.com/eclipse/microprofile-config	8839aa69b6a87f196d1a222dc0c965851173351e2	MAVEN	8
170	eclipse	microprofile-fault-tolerance	www.github.com/eclipse/microprofile-fault-tolerance	257b8b5a7c052bfc2e91d3c49d9081d17d73e249	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
171	eclipse	microprofile-jwt-auth	www.github.com/eclipse/microprofile-jwt-auth	91997341d52c4ffa25aeafa308a1f0dd2463b628	MAVEN	8
172	eclipse	microprofile-metrics	www.github.com/eclipse/microprofile-metrics	fbac851ffe24b5525ac46c7a32ba948a40a39343	MAVEN	8
173	eclipse	microprofile-open-api	www.github.com/eclipse/microprofile-open-api	7c259feb4e75b5c1bfe20da85a2381eb1ec42647	MAVEN	8
174	eclipse	microprofile-opentracing	www.github.com/eclipse/microprofile-opentracing	00dffbf44d9300e7a21f8665b71637ca2a0105	MAVEN	8
175	eclipse	microprofile-rest-client	www.github.com/eclipse/microprofile-rest-client	bfb8b07e1c13d05a41e51f1b9852dd23a425c6c	MAVEN	8
176	eclipse	microprofile-sandbox	www.github.com/eclipse/microprofile-sandbox	944854fbc4e94989798a70f95a91a0ff7e360655	MAVEN	8
177	eclipse	n4js	www.github.com/eclipse/n4js	f715912fce0352ab574ff878086f77d17a78c908	MAVEN	8
178	eclipse	packagedrone	www.github.com/eclipse/packagedrone	3869c1643cdc6f7cb8b26097a7b6994683b13d7e	MAVEN	8
179	eclipse	rdf4j	www.github.com/eclipse/rdf4j	6f63df540e30b28e0c8880bea72f85cb88424b03	MAVEN	8
180	eclipse	reddeer	www.github.com/eclipse/reddeer	59e55d29fc60a672d79df1ad1578badb8a2f8693	MAVEN	8
181	eclipse	texlipse	www.github.com/eclipse/texlipse	1bc72f856d4144ad0bc9baaa9575457bd7b68e1a	MAVEN	8
182	eclipse	tm4e	www.github.com/eclipse/tm4e	3b9b50e4b62f12e8fe07e164cf0245f5fb4cc577	MAVEN	8
183	eclipse	vorto	www.github.com/eclipse/vorto	93919469e598ec07fed134536b901efd25cf674f	MAVEN	8
184	eclipse	xsemantics	www.github.com/eclipse/xsemantics	63c2c5078380cfb9bf0e47d1ca031259b472368b	ANT; MAVEN	8
185	eclipse	xtext-core	www.github.com/eclipse/xtext-core	e04964e42a3e0338c0079bd8333688835e77c31	GRADLE; MAVEN	8
186	epam	DLab	www.github.com/epam/DLab	34483ee52cf8b79c4e51a54e82171564e5b8d50a	MAVEN	8
187	epam	JDI	www.github.com/epam/JDI	199dba533f3659e840441c324c26c6bf5314ca85	GRADLE; MAVEN	8
188	epam	parso	www.github.com/epam/parso	4b114cd4a23be438f84fe728a684eb1803d02322	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
189	Esri	geoportal-server-harvester	www.github.com/Esri/geoportal-server-harvester	b8c69260e3d6ec10df6514c201219e690cfba048	MAVEN	8
190	facebook	nailgun	www.github.com/facebook/nailgun	a3122528bda2492b9add6381546b04ee8f4f5f82	MAVEN	8
191	google	acai	www.github.com/google/acai	f0676baf63d036ded2ceb55bd7db2689e110de61	MAVEN	8
192	google	auto	www.github.com/google/auto	93a1477d3e632742360d23df6932f0e0e12961eb	MAVEN	8
193	google	binnavi	www.github.com/google/binnavi	8e0aef41402db6c6ecb2a26bb943bbbc5fd989b2	ANT; GRADLE; MAVEN MAVEN	8
194	google	caliper	www.github.com/google/caliper	4e10eb02b7bfb5683c71be950ad2e30ff1f2c0a9	MAVEN	8
195	google	certificate-transparency-java	www.github.com/google/certificate-transparency-java	429c7b19183ee68ec29bd23e47003af0967d54d2	MAVEN	8
196	google	closure-compiler	www.github.com/google/closure-compiler	0393c80ca01b6b861376dad7f91043a38bb37dc0	MAVEN	8
197	google	closure-templates	www.github.com/google/closure-templates	2258bec5ed4bd10f49347d250041aa9ea7eda01e	MAVEN	8
198	google	compile-testing	www.github.com/google/compile-testing	7d31b533855942490e2065f720d484cd9c0d9c2f	MAVEN	8
199	google	error-prone	www.github.com/google/error-prone	61cb540c08ec63faa56dccc00049cff1f8b41ea	ANT; GRADLE; MAVEN	8
200	google	google-java-format	www.github.com/google/google-java-format	df76e0c7fe82711c8600768fca19d0ebaf2ca3d2	GRADLE; MAVEN	8
201	google	guava	www.github.com/google/guava	be92294be598b9b6ff0bd1cae3335759dafcb534	MAVEN	11
202	google	guice	www.github.com/google/guice	dafa4b0bec4e7ec5e1df75e3fb9a2fd4920921a	ANT; MAVEN	8
203	google	java-monitoring-client-library	www.github.com/google/java-monitoring-client-library	bd528650cce30840b8df618e006205955d4c1158c	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
204	google	MOE	www.github.com/google/MOE	4de8f47896dc85fb058d85e8d57122fa479c88f0	MAVEN	8
205	google	mug	www.github.com/google/mug	adf71005ea173803b04db85685eb1f7a373c7c93	MAVEN	8
206	google	openrtb	www.github.com/google/openrtb	a115dd6e07c307c588fa2df2e3250f4d803fa4d3	MAVEN	8
207	google	openrtb-doubleclick	www.github.com/google/openrtb-doubleclick	75396a3b2a4bd3dcc21b67629bfb6076dc0a0401	MAVEN	8
208	google	rejoiner	www.github.com/google/rejoiner	cedc123c18918d8c090543a4236ee344d2dbffeb	GRADLE; MAVEN	8
209	google	truth	www.github.com/google/truth	d2223603d0a9c2ceeac754f06ba5294b739e2912	MAVEN	8
210	google	webauthndemo	www.github.com/google/webauthndemo	298c0b2dc86a8dc99134daa0b60cf7997d8fc735	MAVEN	8
211	IBM	janusgraph-utils	www.github.com/IBM/janusgraph-utils	b4584a3cbeec49f0df14d364ae03976f5d5ca19	MAVEN	8
212	linkedin	URL-Detector	www.github.com/linkedin/URL-Detector	a8dec18cd791b303f5e0f65ed01b563b86c9b19	GRADLE; MAVEN	8
213	Microsoft	azure-chat-for-java	www.github.com/Microsoft/azure-chat-for-java	4456bea8830c5edf8c211db1d7816b849372d6ed	ANT; MAVEN	8
214	Microsoft	azure-maven-plugins	www.github.com/Microsoft/azure-maven-plugins	d3e0b6fa0e00f38c04b622589a939fb3bae2227e	MAVEN	8
215	Microsoft	azure-spring-boot	www.github.com/Microsoft/azure-spring-boot	538729e37952bd020e2e53fb963570ef5613498a	GRADLE; MAVEN	8
216	Microsoft	azure-tools-for-java	www.github.com/Microsoft/azure-tools-for-java	d121e8ac9cc3ab400e5b49c8b372280ae332f3fb	ANT; GRADLE; MAVEN	8
217	Microsoft	Dhalion	www.github.com/Microsoft/Dhalion	526ec77ee6ddb5fecff21ddb96e27584df9301	MAVEN	8
218	Microsoft	java-debug	www.github.com/Microsoft/java-debug	5d5b39e63c986f4f4ebbed6fc039c0c4e81e3480	MAVEN	8
219	Microsoft	pai	www.github.com/Microsoft/pai	43269e7e5c95bea21d0ffae2e16f3e87de4b29b9	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
220	Microsoft	spring-data-cosmosdb	www.github.com/Microsoft/spring-data-cosmosdb	f26b4bffa0f367e0d18053f072222319b79b39f8	ANT; MAVEN	8
221	Microsoft	vscode-java-debug	www.github.com/Microsoft/vscode-java-debug	2269b3d0c37e29665b86a7d54c737a103cb53c9b	GRADLE; MAVEN	9
222	Microsoft	vscode-java-test	www.github.com/Microsoft/vscode-java-test	686bb985c95a579694129b2b62caafeb25123cc3	MAVEN	8
223	oracle	oci-java-sdk	www.github.com/oracle/oci-java-sdk	76e9cecd7b309d9f12e5efe96c74167c66a98872	MAVEN	8
224	oracle	opengrok	www.github.com/oracle/opengrok	bd2770a04a3eda7af19fae482d880d56cce0eeb9	ANT; MAVEN	8
225	oracle	oracle-db-examples	www.github.com/oracle/oracle-db-examples	fb151affc3943cad3079b5f517a950807339b2d4	ANT; MAVEN	8
226	oracle	pgql-lang	www.github.com/oracle/pgql-lang	d31340ea99b7a2c4a4a2311fca77d6be415e5395	MAVEN	8
227	oracle	weblogic-kubernetes-operator	www.github.com/oracle/weblogic-kubernetes-operator	1fb059d7e32b9b3514617d54e4dda41ab68e71ea	MAVEN	8
228	oracle	weblogic-monitoring-exporter	www.github.com/oracle/weblogic-monitoring-exporter	05f1d3c4cc797577801df0cceb9d92fc31718e8	MAVEN	8
229	rabbitmq	rabbitmq-java-client	www.github.com/rabbitmq/rabbitmq-java-client	8bc24bdce4da758f7be4f4451a46ab185058b272	MAVEN	8
230	rabbitmq	rabbitmq-jms-client	www.github.com/rabbitmq/rabbitmq-jms-client	2aa68092e85ab5e7d637ae97524d9edda4b31528	MAVEN	8
231	redhat-developer	che-functional-tests	www.github.com/redhat-developer/che-functional-tests	4a19e47a9a512c0afb2c9b4878f9872c185c66e	MAVEN	8
232	redhat-developer	redhat-sso-quickstarts	www.github.com/redhat-developer/redhat-sso-quickstarts	86a2bfca819d94a27d8ff6c34292dd96a03c1fd1	MAVEN	8
233	salesforce	Argus	www.github.com/salesforce/Argus	121b59a268da264316cdd6a3e9271366a23cd86	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
234	salesforce	grpc-java-contrib	www.github.com/salesforce/grpc-java-contrib	0b253d77c3e712842dc20d03b36364e259deb7f1	MAVEN	8
235	salesforce	kafka-junit	www.github.com/salesforce/kafka-junit	2d8944400e1c5476cb1f58b7eadc7a5cc33534ab	MAVEN	8
236	salesforce	reactive-grpc	www.github.com/salesforce/reactive-grpc	bbf1fa170c0e961fc3d839a73ecff16a414406c8	GRADLE; MAVEN	8
237	SAP	C4CODATAAPIDEVGUIDE	www.github.com/SAP/C4CODATAAPIDEVGUIDE	3247f791353276f636e4b3d1cff3ee953546f527	MAVEN	8
238	SAP	cf-java-client-sap	www.github.com/SAP/cf-java-client-sap	d82627cf3cf43bb556746e8a297338353b86a932	MAVEN	8
239	SAP	cf-java-logging-support	www.github.com/SAP/cf-java-logging-support	6165e74328df36809bac94e0172f3cade31994f4	MAVEN	8
240	SAP	cloud-s4-sdk-examples	www.github.com/SAP/cloud-s4-sdk-examples	13dabdce1f2b9dcc4fe0256c04593ef6f9cb180f	MAVEN	8
241	SAP	devops-cm-client	www.github.com/SAP/devops-cm-client	e7cd80d20b53818e462c444f8169385b25151ec2	MAVEN	8
242	SAP	iot-starterkit	www.github.com/SAP/iot-starterkit	f0d9ce06a1a98569a5a4eed76a2ec0aa87c1a1df	MAVEN	8
243	SAP	olingo-jpa-processor-v4	www.github.com/SAP/olingo-jpa-processor-v4	e61b432b876e60c093ba626a00432d4826893e10	MAVEN	8
244	SAP	SAPJamSampleCode	www.github.com/SAP/SAPJamSampleCode	dc9ade682ffd069a38c29728b68dee1aafa101f	GRADLE; MAVEN	8
245	SAP	SapMachine	www.github.com/SAP/SapMachine	6e62561730c46dc5000c39665c43951832192ceb	ANT; MAVEN	8
246	spring-projects	spring-amqp-samples	www.github.com/spring-projects/spring-amqp-samples	f5604435789ce6f26c57d0d4c8bdec8c324e5888	MAVEN	8
247	spring-projects	spring-analytics	www.github.com/spring-projects/spring-analytics	e3ef19d2b794d6dc10265c171bba46cd757b1abd	MAVEN	8
248	spring-projects	spring-boot	www.github.com/spring-projects/spring-boot	2225b362991f225e3a93f00e160526d2b8abdfb2	ANT; GRADLE; MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
249	spring-projects	spring-data-cassandra	www.github.com/spring-projects/spring-data-cassandra	42cc65aaab4d3d67546d815d3d9eb142a7d5c616	MAVEN	8
250	spring-projects	spring-data-commons	www.github.com/spring-projects/spring-data-commons	48c9297118e18273a0a3dfe3cf2f9a8ff8fdca7	MAVEN	8
251	spring-projects	spring-data-dev-tools	www.github.com/spring-projects/spring-data-dev-tools	a25ff3ae28026f132871f7172c6ba5c3b64e1671	MAVEN	8
252	spring-projects	spring-data-elasticsearch	www.github.com/spring-projects/spring-data-elasticsearch	9818ed0af9e2e9fc3a3ff6deceabb5195c460d53a	MAVEN	8
253	spring-projects	spring-data-examples	www.github.com/spring-projects/spring-data-examples	ccae97890f85a3eaf8f4e05a1a07696e2b1e78a4	GRADLE; MAVEN	9
254	spring-projects	spring-data-jdbc	www.github.com/spring-projects/spring-data-jdbc	913238a822e04a24dd03cb704fd03a454d34c01	MAVEN	9
255	spring-projects	spring-data-jpa	www.github.com/spring-projects/spring-data-jpa	cde0b1dacf85cad38aa28c3027b77ea7ec790841	MAVEN	8
256	spring-projects	spring-data-keyvalue	www.github.com/spring-projects/spring-data-keyvalue	115731519c5135f481fdb32d083d9745a58f72b0	MAVEN	8
257	spring-projects	spring-data-ldap	www.github.com/spring-projects/spring-data-ldap	3dc8768cdbf5cd09927d4d9f0fbc4a4cb5534d	MAVEN	8
258	spring-projects	spring-data-mongodb	www.github.com/spring-projects/spring-data-mongodb	3eb9d790b94e5a406660ef9c5cb262be684bbdcb	MAVEN	8
259	spring-projects	spring-data-redis	www.github.com/spring-projects/spring-data-redis	2eb7067e8c7e859168a281145cc46ccddb42049f	MAVEN	8
260	spring-projects	spring-data-solr	www.github.com/spring-projects/spring-data-solr	6db215cf28337895ec40ed28082fa895846680bb	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
261	spring-projects	spring-guice	www.github.com/spring-projects/spring-guice	87178edc33809c77ac106e3aa2fc1919a64e07b2	MAVEN	8
262	spring-projects	spring-hateoas	www.github.com/spring-projects/spring-hateoas	0e02d4f04117e03ab94110c9de09b2ac28d55599	MAVEN	8
263	spring-projects	spring-hateoas-examples	www.github.com/spring-projects/spring-hateoas-examples	5ebe61a784236a22bf305482707417fa7d111db6	MAVEN	8
264	spring-projects	spring-kafka	www.github.com/spring-projects/spring-kafka	06c34c572f2916b7717d9865edb1adbbdaf6d61	GRADLE; MAVEN	8
265	spring-projects	spring-mvc-showcase	www.github.com/spring-projects/spring-mvc-showcase	b9e18ad9e508409324b8afa9d359cfe05cd8442e	MAVEN	8
266	spring-projects	spring-petclinic	www.github.com/spring-projects/spring-petclinic	be24e0c15ea8efa093055901426508604bba76ab	MAVEN	8
267	spring-projects	spring-plugin	www.github.com/spring-projects/spring-plugin	953d2ce12f05f26444fbb3bf21011f538f729868	MAVEN	8
268	spring-projects	spring-restdocs	www.github.com/spring-projects/spring-restdocs	957f352e763ae58321a1667c2cc8bed2e8c1e3bb	GRADLE; MAVEN	8
269	spring-projects	spring-session-data-mongodb	www.github.com/spring-projects/spring-session-data-mongodb	fb606ffbfbc058db1e742463a824ac6adf74b658	MAVEN	8
270	spring-projects	spring-shell	www.github.com/spring-projects/spring-shell	5ec589909ed320f999ade109dcc97087e072893b	MAVEN	8
271	spring-projects	spring-vault	www.github.com/spring-projects/spring-vault	6e36eb10b02c6931c3b565c5d9d76f5e217bf309	MAVEN	8
272	spring-projects	spring-ws	www.github.com/spring-projects/spring-ws	620d3caed4c7d456d10a700969d46397f6b66edc	MAVEN	8
273	spring-projects	spring-xd-samples	www.github.com/spring-projects/spring-xd-samples	b444dfb4c84eb25db95218de4a202ea411238e18	GRADLE; MAVEN	8
274	spring-projects	sts4	www.github.com/spring-projects/sts4	46e9e985b0c5e28ea1952d9fc640ec12fd9c8fdd	GRADLE; MAVEN	8
275	SUSE	salt-netapi-client	www.github.com/SUSE/salt-netapi-client	38a846dd5884686ba377ec1d933a6d819fbf5b2b	MAVEN	8

#	Organization	Project name	GitHub link	Commit hash	Build tool	Java version
276	uber	uReplicator	www.github.com/uber/uReplicator	97868ace4916b206cccd87d77e6db870b6253761	MAVEN	8
277	vmware	admiral	www.github.com/vmware/admiral	e02d0e77f65d0ec3541a378110ecd423bdb6664	MAVEN	8
278	vmware	connectors-workspace-one	www.github.com/vmware/connectors-workspace-one	a51d352fde12ff51b5e47aea618cb21d74a589af	MAVEN	8
279	vmware	hillview	www.github.com/vmware/hillview	b5086fe08f9b5e5e3e6a280b5bbd6955f7e897e2	MAVEN	8
280	vmware	upgrade-framework	www.github.com/vmware/upgrade-framework	32f9a3a73e151126ec6f622bb6f913a2cb810a18	MAVEN	8
281	vmware	xenon	www.github.com/vmware/xenon	b6fb48b745985af2efc59b7ee0e5e7d69a289fbc	MAVEN	8

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