

libraries-new-with-applications														
Application	Library	Total	Instance Private Methods	Instance Package-Private Methods	Instance Protected	Instance Protected Overridden Methods	Instance Public Methods	Instance Public Overridden Methods	Static Private Methods	Static Package-Private Methods	Static Protected	Static Public Methods	Not Found Methods	
Derby	Apache Derby 10.16.1.1	59721058	6311751	5280233	17061864	174	28235093	6500	97807	9866	405635	1410840	661777	
Kafka	Apache Kafka 3.4.0	1802910	114164	44645	9129	80423	563420	531450	37432	1134	0	94184	174892	
Tomcat	Apache Tomcat 10.1.8	1821923	36435	795	14031	85524	1206167	120464	8575	13173	3097	314983	9341	
Tomcat	Apache Catalina 10.1.8	857349	195745	8545	24918	777	156607	422209	19424	0	0	8546	17171	
Tomcat	Apache Coyote 10.1.8	342363	55052	22457	26385	13979	186416	34156	3857	0	0	0	61	
SpringMVC	Spring Framework 5.3.27	1180150	66354	58482	89178	25697	222616	251106	22832	33522	714	168368	162724	
SpringMVC	Jackson Databind 2.13.5	97586	713	0	11408	0	32798	27094	0	0	0	2852	10600	
SpringMVC	Jackson Core 2.13.5	67022	713	0	9269	2852	24955	17112	713	0	0	3565	0	
SpringMVC	Apache Tomcat 9.0.75	1331593	32041	732	20022	16472	851410	116547	7138	12102	4984	253695	7871	
SpringMVC	Apache Catalina 9.0.75	537276	37114	11422	16547	0	113579	297171	16422	0	0	22129	19294	
SpringMVC	Apache Coyote 9.0.75	337543	36316	20630	27806	14983	189990	41360	3542	0	0	0	2916	
Takes	Takes 1.24.4	94436	825	0	0	0	330	53351	16665	0	0	0	2585	
Takes	Cactoos 0.54.0	427570	0	0	0	0	0	125070	0	0	0	0	47355	
Struts	Opensymphony 2.4.2	196899	15846	30259	19940	162	53507	22009	2597	3672	162	20534	16400	
Struts	Jetty 10.0.15	365503	32915	7374	9859	1066	104549	104855	71790	817	164	17642	8200	
Struts	Struts 6.1.2	23385	734	0	2528	406	9372	3176	0	0	0	2932	244	
Struts	OGNL 3.3.4	78752	652	1468	4155	0	27844	19296	2034	487	0	19641	0	
Micronaut	Project Reactor 3.5.0	383922	0	61677	0	0	8316	92862	0	20097	9702	40887	67221	
Micronaut	Netty 4.1.92.Final	4077312	319699	192438	117127	113651	180105	1577313	313238	313390	8310	350912	544445	
Micronaut	Micronaut 3.9.3	632290	38114	82657	6932	7624	21509	227348	5544	18020	0	77616	94949	
VertX	Vert.X 4.4.4	448600	42570	33457	2	6083	31955	100340	148972	6081	0	27366	16797	
VertX	Netty 4.1.94.Final	4304679	325392	303967	200715	187031	202130	1357953	334490	427236	7608	454566	459395	
VertX	Jackson Core 2.15.0	155040	21280	0	19760	9120	45600	31920	4560	0	0	6080	0	
Dropwizard	Jetty 11.0.15	2707496	422380	111656	144062	6479	1040996	542525	21036	6478	3238	220611	135939	
Dropwizard	Jackson Core 2.15.2	166658	8090	0	17800	9708	67956	33978	0	0	0	8090	0	
Dropwizard	Jackson Databind 2.15.2	76046	3236	0	8090	0	30742	22652	0	0	0	1618	1618	
Dropwizard	Logback 1.4.8	978305	197491	173226	0	0	414418	87375	0	0	0	3242	97080	
Dropwizard	Dropwizard Metrics 4.2.19	43751	1624	0	3236	1618	19466	4861	0	0	0	6472	3236	

Percentage of "Static Methods / Instance Methods / Constructors / Not Found Methods"									
Application/Library	Derby	Kafka	Tomcat	SpringMVC	Takes	Struts	Micronaut	VertX	Dropwizard
Apache Derby 10.16.1.1	3.2219% 95.2686% 0.4014% 1.1081%								
Apache Kafka 3.4.0		7.3631% 74.5034% 8.4329% 9.7005%							
Apache Tomcat 10.1.8			18.6522% 80.3226% 0.5125% 0.5127%						
Apache Catalina 10.1.8			3.2624% 94.3374% 0.3874% 2.0028%						
Apache Coyote 10.1.8			1.1266% 98.8555% 0.0000% 0.0176%						
Spring Framework 5.3.27				19.1024% 80.4528% 6.6565% 13.7864%					
Jackson Databind 2.13.5				2.9226% 73.7943% 12.4208% 10.8622%					
Jackson Core 2.13.5				6.3829% 81.9148% 11.7021% 0.0000%					
Apache Tomcat 9.0.75				20.8711% 77.8934% 0.6443% 0.5911%					
Apache Catalina 9.0.75				7.1752% 88.5640% 0.6697% 3.5911%					
Apache Coyote 9.0.75				1.0493% 98.0668% 0.0000% 0.8639%					
Takes 1.24.4					17.6469% 57.7173% 21.8894% 2.7373%				
Cactoos 0.54.0					0.0000% 29.2514% 59.6733% 11.0754%				
Opensymphony 2.4.2						13.6949% 71.9775% 5.9865% 8.3291%			
Jetty 10.0.15						24.7366% 71.3040% 1.7160% 2.2435%			
Struts 6.1.2						12.5380% 69.3437% 17.0750% 1.0434%			
OGNL 3.3.4						28.1415% 67.8269% 4.0316% 0.0000%			
Project Reactor 3.5.0							18.4116% 42.4188% 21.6606% 17.5090%		
Netty 4.1.92.Final							24.1790% 61.3230% 1.1450% 13.3530%		
Micronaut 3.9.3							16.0022% 80.7607% 8.2204% 15.0167%		
Vert.X 4.4.4							40.6641% 47.7947% 7.7969% 3.7443%		
Netty 4.1.94.Final							28.4318% 59.8694% 1.0267% 10.6720%		
Jackson Core 2.15.0							6.8628% 82.3530% 10.7843% 0.0000%		
Jetty 11.0.15								9.2841% 83.7712% 1.9241% 5.0208%	
Jackson Core 2.15.2								4.8543% 82.5236% 12.6223% 0.0000%	
Jackson Databind 2.15.2								2.1277% 85.1063% 10.6383% 2.1277%	
Logback 1.4.8								0.3311% 89.0948% 0.6610% 9.9132%	
Dropwizard Metrics 4.2.19								14.7928% 70.4098% 7.4010% 7.3964%	

Colourful Representation of "Static Methods (R) / Instance Methods (G) / Constructors (B)" as RGB

Application/Library	Derby	Kafka	Tomcat	SpringMVC	Takes	Struts	Micronaut	VertX	Dropwizard
Apache Derby 10.16.1.1	#08F201								
Apache Kafka 3.4.0		#18D015							
Apache Tomcat 10.1.8			#2FCC01						
Apache Catalina 10.1.8			#08F001					STATIC - R	
Apache Coyote 10.1.8			#02FC00					INSTANCE - G	
Spring Framework 5.3.27				#309A10				CONSTRUCTORS - B	
Jackson Databind 2.13.5				#07BC1F					
Jackson Core 2.13.5				#16D01D					
Apache Tomcat 9.0.75				#35CC6D					
Apache Catalina 9.0.75				#12E101					
Apache Coyote 9.0.75				#02FA00					
Takes 1.24.4					#2C9337				
Cactoos 0.54.0					#004A96				
Opensymphony 2.4.2						#22B70F			
Jetty 10.0.15						#3FB504			
Struts 6.1.2						#1FB02B			
OGNL 3.3.4						#47AC0A			
Project Reactor 3.5.0							#2E9C37		
Netty 4.1.92.Final							#3D9C02		
Micronaut 3.9.3							#289A14		
Vert.X 4.4.4								#677913	
Netty 4.1.94.Final								#480802	
Jackson Core 2.15.0								#11D21B	

Percentage Sum					
Application	Library	Total Static	Total Instance	Total Constructors	Total Not Found
Derby	Apache Derby 10.16.1.1	3.2219	95.2686	0.4014	1.1081
Kafka	Apache Kafka 3.4.0	7.3831	74.5034	8.4329	9.7005
Tomcat	Apache Tomcat 10.1.8	18.6522	80.3226	0.5125	0.5127
Tomcat	Apache Catalina 10.1.8	3.2624	94.3374	0.3974	2.0028
Tomcat	Apache Coyote 10.1.8	1.1266	98.8555	0.0000	0.0178
SpringMVC	Spring Framework 5.3.27	19.1024	60.4528	6.6565	13.7884
SpringMVC	Jackson Databind 2.13.5	2.9226	73.7943	12.4208	10.8622
SpringMVC	Jackson Core 2.13.5	6.3829	81.9148	11.7021	0.0000
SpringMVC	Apache Tomcat 9.0.75	20.8711	77.8934	0.6443	0.5911
SpringMVC	Apache Catalina 9.0.75	7.1752	88.5640	0.6697	3.5911
SpringMVC	Apache Coyote 9.0.75	1.0493	98.0668	0.0000	0.8639
Takes	Takes 1.24.4	17.6469	57.7173	21.8894	2.7373
Takes	Cactoos 0.54.0	0.0000	29.2514	59.6733	11.0754
Struts	Opensymphony 2.4.2	13.6949	71.9775	5.9985	8.3291
Struts	Jetty 10.0.15	24.7366	71.3040	1.7160	2.2435
Struts	Struts 6.1.2	12.5380	69.3437	17.0750	1.0434
Struts	OGNL 3.3.4	28.1415	67.8269	4.0316	0.0000
Micronaut	Project Reactor 3.5.0	18.4116	42.4188	21.6606	17.5090
Micronaut	Netty 4.1.92.Final	24.1790	61.3230	1.1450	13.3530
Micronaut	Micronaut 3.9.3	16.0022	60.7607	8.2204	15.0167
VertX	Vert.X 4.4.4	40.6641	47.7947	7.7969	3.7443
VertX	Netty 4.1.94.Final	28.4318	59.8694	1.0267	10.6720
VertX	Jackson Core 2.15.0	6.8628	82.3530	10.7843	0.0000
Dropwizard	Jetty 11.0.15	9.2841	83.7712	1.9241	5.0208
Dropwizard	Jackson Core 2.15.2	4.8543	82.5236	12.6223	0.0000
Dropwizard	Jackson Databind 2.15.2	2.1277	85.1063	10.6383	2.1277
Dropwizard	Logback 1.4.8	0.3311	89.0948	0.6610	9.9132
Dropwizard	Dropwizard Metrics 4.2.19	14.7928	70.4098	7.4010	7.3964

Apache Tomcat		
Application/Version	Tomcat	SpringMVC
Apache Tomcat 10.1.8	18.6522% 80.3226% 0.5125% 0.5127%	
Apache Tomcat 9.0.75		20.8711% 77.8934% 0.6443% 0.5911%

Jackson Core			
Application/Version	SpringMVC	VertX	Dropwizard
Jackson Core 2.13.5	6.3829% 81.9148% 11.7021% 0.0000%		
Jackson Core 2.15.0		6.8628% 82.3530% 10.7843% 0.0000%	
Jackson Core 2.15.2			4.8543% 82.5236% 12.6223% 0.0000%

Application/Library	Derby	Kafka	Tomcat	SpringMVC	Takes	Struts	Micronaut	VertX	Dropwizard
Jetty 11.0.15									#17D504
Jackson Core 2.15.2									#0CD220
Jackson Databind 2.15.2									#0CD91B
Logback 1.4.8									#03E301
Dropwizard Metrics 4.2.19									#25B312

Constructors	Instance Private Methods, %	Instance Package-Private Methods, %	Instance Protected Methods, %	Instance Protected Overridden, %	Instance Public Methods, %	Instance Public Overridden Methods, %	Static Private Methods, %	Static Package-Private Methods, %	Static Protected, %	Static Public Methods, %	Not Found Methods, %
239718	10.5687	8.8415	28.5689	0.0003	47.2783	0.0109	0.1638	0.0165	0.6792	2.3624	1.1081
152037	6.3322	2.4763	0.5063	4.4607	31.2506	29.4773	2.0762	0.0629	0.0000	5.2240	9.7005
9338	1.9998	0.0436	0.7701	4.6942	66.2030	6.6119	0.4707	0.7230	0.1700	17.2885	0.5127
3407	22.8314	0.9967	2.9064	0.0906	18.2664	49.2459	2.2656	0.0000	0.0000	0.9968	2.0028
0	16.0800	6.5594	7.7067	4.0831	54.4498	9.9765	1.1266	0.0000	0.0000	0.0000	0.0178
78557	5.6225	4.9555	7.5565	2.1774	18.8634	21.2775	1.9347	2.8405	0.0605	14.2667	13.7884
12121	0.7306	0.0000	11.6902	0.0000	33.6093	27.7642	0.0000	0.0000	0.0000	2.9226	10.8622
7843	1.0638	0.0000	13.8298	4.2553	37.2340	25.5319	1.0638	0.0000	0.0000	5.3191	0.0000
8579	2.4062	0.0550	1.5036	1.2370	63.9392	8.7524	0.5360	0.9088	0.3743	19.0520	0.5911
3598	6.9078	2.1259	3.0798	0.0000	21.1398	55.3107	3.0565	0.0000	0.0000	4.1187	3.5911
0	10.7589	6.1118	8.2378	4.4388	56.2862	12.2533	1.0493	0.0000	0.0000	0.0000	0.8659
20680	0.8736	0.0000	0.0000	0.0000	0.3494	56.4943	17.6469	0.0000	0.0000	0.0000	2.7373
255145	0.0000	0.0000	0.0000	0.0000	0.0000	29.2514	0.0000	0.0000	0.0000	0.0000	11.0754
11811	8.0478	15.3678	10.1270	0.0823	27.1748	11.1778	1.3190	1.8649	0.0823	10.4287	8.3291
6272	9.0054	2.0175	2.6974	0.2917	28.6041	28.6879	19.6414	0.2235	0.0449	4.8268	2.2435
3993	3.1388	0.0000	10.8103	1.7362	40.0770	13.5814	0.0000	0.0000	0.0000	12.5380	1.0434
3175	0.8279	1.8641	5.2761	0.0000	35.3566	24.5022	2.5828	0.6184	0.0000	24.9403	0.0000
83160	0.0000	16.0650	0.0000	0.0000	2.1661	24.1877	0.0000	5.2347	2.5271	10.6498	17.5090
46684	7.8409	4.7197	2.8727	2.7874	4.4172	38.6851	7.6825	7.6862	0.2038	8.6065	13.3530
51977	6.0279	13.0726	1.0963	1.2058	3.4018	35.9563	0.8768	2.8500	0.0000	12.2754	15.0167
34977	9.4895	7.4581	0.0004	1.3560	7.1233	22.3674	33.2082	1.3556	0.0000	6.1003	3.7443
44196	7.5590	7.0613	4.8627	4.3448	4.6956	31.5460	7.7704	9.9249	0.1767	10.5598	10.6720
16720	13.7255	0.0000	12.7451	5.8824	29.4118	20.5882	2.9412	0.0000	0.0000	3.9216	0.0000
52096	15.6004	4.1240	5.3209	0.2393	38.4487	20.0379	0.7770	0.2393	0.1196	8.1482	5.0208
21036	4.8543	0.0000	10.6806	5.8251	40.7757	20.3879	0.0000	0.0000	0.0000	4.8543	0.0000
8090	4.2553	0.0000	10.6383	0.0000	40.4255	29.7872	0.0000	0.0000	0.0000	2.1277	2.1277
6473	20.1664	17.6887	0.0000	0.0000	42.3176	8.9221	0.0000	0.0000	0.0000	0.3311	9.9132
3238	3.7119	0.0000	7.3964	3.6982	44.4927	11.1106	0.0000	0.0000	0.0000	14.7928	7.3964

Total Number of "Static Methods / Instance Methods / Constructors / Not Found Methods"												
Application	Total Instance	Total Con	Application/Library	Derby	Kafka	Tomcat	SpringMVC	Takes	Struts	Micronaut	VertX	Dropwizard
Derby	56895415		Apache Derby 10.16.1.1	1924148 56895415 239718 661777								
Kafka	1343231											
Tomcat	1463416		Apache Kafka 3.4.0		132750 1343231 152037 174892							
Tomcat	808801											
Tomcat	338445		Apache Tomcat 10.1.8			338828 1463416 9338 9341						
SpringMVC	713433		Apache Catalina 10.1.8			27970 808801 3407 17171						
SpringMVC	72013											
SpringMVC	54901		Apache Coyote 10.1.8			3857 338445 0 61						
SpringMVC	1037224		Spring Framework 5.3.27									
SpringMVC	475833						225436 713433 78557 162724					
SpringMVC	331085		Jackson Databind 2.13.5				2852 72013 12121 10600					
Takes	54506											
Takes	125070		Jackson Core 2.13.5				4278 54901 7843 0					
Struts	141723		Apache Tomcat 9.0.75				277919 1037224 8579 7871					
Struts	260618											
Struts	16216		Apache Catalina 9.0.75				38551 475833 3598 19294					
Struts	53415											
Micronaut	162855		Apache Coyote 9.0.75				3542 331085 0 2916					
Micronaut	2500333											
Micronaut	384184		Takes 1.24.4					16665 54506 20680 2585				
VertX	214407											
VertX	2577188		Cactoes 0.54.0					0 125070 255145 47355				
VertX	127680											
Dropwizard	2268098		Opensymphony 2.4.2									
Dropwizard	137532								26985 141723 11811 16400			
Dropwizard	64720		Jetty 10.0.15						90413 260618 6272 8200			
Dropwizard	872510											
Dropwizard	30805		Struts 6.1.2						2832 16216 3993 244			
			OGNL 3.3.4						22162 53415 3175 0			
			Project Reactor 3.5.0							70686 162855 83180 67221		
			Netty 4.1.92.Final							985850 2500333 46684 544445		
			Micronaut 3.9.3							101180 384184 51077 94949		
			Vert.X 4.4.4								182419 214407 34077 16797	
			Netty 4.1.94.Final								1223900 2577188 44196 459395	
			Jackson Core 2.15.0								10640 127680 16720 0	
			Jetty 11.0.15									251363 2268098 52096 135939
			Jackson Core 2.15.2									8090 137532 21036 0
			Jackson Databind 2.15.2									1618 64720 8090 1618
			Logback 1.4.8									3242 872510 6473 97080
			Dropwizard Metrics 4.2.19									6472 30805 3238 3235

Constructors, %	GitHub Forks	GitHub Stars	GitHub Open Issues	GitHub Size (KB)	GitHub Age (ms)
0.4014	137	316	7	84420	385971523591
8.4329	13024	25807	1059	166032	381006792090
0.5125	4699	6912	18	148913	376985956798
0.3974	4699	6912	18	148913	376985962756
0.0000	4699	6912	18	148913	376985968350
6.6565	36853	53078	1191	196660	402857310762
12.4208	1327	3347	506	75429	369813739444
11.7021	743	2174	48	23978	369832752734
0.6443	4699	6912	18	148913	376985990039
0.6697	4699	6912	18	148913	376985996662
0.0000	4699	6912	18	148913	376986003593
21.8984	194	776	74	31818	273788558591
59.6733	165	710	73	5041	198883227136
5.9985	790	1220	15	78846	304665626129
1.7160	1891	3636	399	237608	383832523445
17.0750	790	1220	15	78846	304665636995
4.0316	75	198	6	8123	433177353763
21.6606	1142	4651	125	65084	247288451987
1.1450	15591	31784	579	86577	405143916353
8.2204	996	5805	655	99050	174014154054
7.7969	2022	13758	283	115183	386115970985
1.0267	15591	31784	579	86577	405143930487
10.7843	743	2174	48	23978	369832824050
1.9241	1891	3636	399	237608	383832564316
12.6223	743	2174	48	23978	369832834512
10.6383	1327	3347	506	75429	369813828059
0.6610	1235	2757	197	29621	443644386177
7.4010	1820	7754	11	19599	427225013340

