

RESULTS BY PROJECTS AGGREGATED

Project	Unstructured			Semistructured			
	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files	Sem. Conf.
astropy	28	901	5	13	378	3	2
atmosphere	96	3973	35	66	1275	26	7
Bukkit	27	1464	26	27	321	12	1
cassandra	2286	76816	1258	1576	31769	931	74
clojure	4	39	3	4	39	3	0
cloudify	150	4407	41	93	1544	30	6
CruiseControl.NET	1	8	1	1	8	1	0
cxf	1	219	1	1	16	1	1
django	10	548	9	1	22	1	4
dropwizard	16	479	10	7	86	6	2
Dynamo	336	56682	215	205	3339	84	78
edx-platform	380	7598	222	234	2620	114	55
EventStore	146	5206	99	75	861	35	2
flask	5	14	5	2	8	2	2
gradle	289	10784	206	159	1770	119	24
graylog2-server	104	3387	69	66	1022	38	9
infinispan	90	1433	46	71	702	33	1
ipython	57	4184	47	48	646	26	19
jedis	300	5613	103	276	2095	56	5
jsoup	5	76	3	1	9	1	0
junit	124	4062	75	57	539	40	36
kotlin	162	3880	86	88	1316	63	4
lucene-solr	1633	69035	723	1147	21678	485	53
matplotlib	263	7071	142	157	2300	81	34
mct	44	1344	24	33	522	19	1
mockito	76	992	32	6	72	4	0
monodevelop	911	207013	884	1096	32380	565	111
Nancy	22	536	22	17	175	16	0
netty	168	11922	92	110	3802	59	8
nova	1198	38243	750	871	10229	479	26
NRefactory	40	2156	34	10	129	10	6
NServiceBus	126	4164	109	88	1015	71	13
nupic	49	13896	38	60	2230	25	3
OG-Platform	3530	213733	2155	3266	51406	1316	406
OpenRefine	59	12408	54	106	3235	51	5
opensimulator	5	64	4	3	72	3	0
orientdb	340	15902	189	316	3948	111	68
pandas	28	380	14	18	348	6	5
Questor	78	14743	52	72	11167	49	3
ReactiveUI	34	281	32	2	27	2	0
realm-java	297	12449	190	301	4305	145	21
Rebus	12	341	12	3	31	3	0
requests	16	410	9	12	131	5	1
retrofit	35	671	17	13	216	7	2
roboguice	100	6277	63	105	1381	45	36
Rock	305	13448	170	128	2332	67	24
RxJava	49	2845	34	10	116	8	1
scrapy	5	20	5	0	0	0	11
SharpDevelop	2092	316419	1956	1701	49216	839	304
SignalR	2	14	2	1	8	1	0
slapos	90	5583	53	51	677	29	7
SparkleShare	31	640	11	30	258	10	0
sympy	785	39183	202	836	17899	109	8
taiga-back	9	257	3	1	5	1	1
testrunner	19	1465	10	15	315	7	0
tornado	16	121	16	2	16	2	16
Umbraco-CMS	557	20119	329	398	6924	212	23
voldemort	366	31424	142	257	4730	110	9
WowPacketParser	10	591	5	5	44	2	1
zamboni	4	38	4	2	4	2	0
Total	18021	1257971	11148	14320	283728	6581	1539

RESULTS ON MERGE SCENARIOS WHERE SEMISTRUCTURED MERGE REDUCED THE NUMBERS

Project	Unstructured			Semistructured			Reduction		
	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files
CruiseControl.NET	-	-	-	-	-	-	-	-	-
Dynamo	246	56287	159	66	2808	27	73,17%	95,01%	83,02%
EventStore	88	4904	70	13	481	6	85,23%	90,19%	91,43%
monodevelop	403	206905	862	334	32210	543	17,12%	84,43%	37,01%
Nancy	9	525	9	3	154	3	66,67%	70,67%	66,67%
NRefactory	35	2124	27	5	97	3	85,71%	95,43%	88,89%
NServiceBus	89	4098	86	44	915	48	50,56%	77,67%	44,19%
opensimulator	3	20	1	1	5	0	66,67%	75,00%	100,00%
Questor	50	14634	19	40	11058	16	20,00%	24,44%	15,79%
ReactiveUI	33	281	31	1	27	1	96,97%	90,39%	96,77%
Rebus	11	341	11	2	31	2	81,82%	90,91%	81,82%
Rock	235	12861	124	53	1687	21	77,45%	86,88%	83,06%
SharpDevelop	1520	316147	1891	866	48903	774	43,03%	84,53%	59,07%
SignalR	1	6	1	0	0	0	100,00%	100,00%	100,00%
SparkleShare	5	615	1	1	227	0	80,00%	63,09%	100,00%
Umbraco-CMS	393	18692	214	199	4766	97	49,36%	74,50%	54,67%
WowPacketParser	9	587	3	4	40	0	55,56%	93,19%	100,00%
astropy	25	665	3	7	133	1	72,00%	80,00%	66,67%
django	9	548	8	0	22	0	100,00%	95,99%	100,00%
edx-platform	318	7535	172	159	2493	64	50,00%	66,91%	62,79%
flask	3	6	3	0	0	0	100,00%	100,00%	100,00%
ipython	40	4162	25	11	613	3	72,50%	85,27%	88,00%
matplotlib	227	6770	114	119	1922	53	47,58%	71,61%	53,51%
nova	776	36690	421	335	6743	146	56,83%	81,62%	65,32%
nupic	31	13840	18	10	2143	5	67,74%	84,52%	72,22%
pandas	24	131	9	12	19	0	50,00%	85,50%	100,00%
requests	10	358	6	5	45	2	50,00%	87,43%	66,67%
scrapy	5	20	5	0	0	0	100,00%	100,00%	100,00%
slapos	81	5567	44	39	661	20	51,85%	88,13%	54,55%
sympy	109	38934	171	28	16104	78	74,31%	58,64%	54,39%
taiga-back	9	257	3	1	5	1	88,89%	98,05%	66,67%
testrunner	14	1465	8	10	315	5	28,57%	78,50%	37,50%
tornado	15	110	15	1	5	1	93,33%	95,45%	93,33%
zamboni	2	36	2	0	2	0	100,00%	94,44%	100,00%
atmosphere	93	3901	26	63	976	17	32,26%	74,98%	34,62%
Bukkit	9	1464	26	2	321	12	77,78%	78,07%	53,85%
cassandra	1643	69395	616	852	16459	287	48,14%	76,28%	53,41%
clojure	-	-	-	-	-	-	-	-	-
cloudify	138	4296	28	78	1287	17	43,48%	70,04%	39,29%
cxr	-	219	-	-	16	-	-	92,69%	-
dropwizard	11	472	5	1	55	1	90,91%	88,35%	80,00%
gradle	212	10583	154	72	1451	67	66,04%	86,29%	56,49%
graylog2-server	79	3040	58	28	560	27	64,56%	81,58%	53,45%
infinispan	89	1428	45	70	697	32	21,35%	51,19%	28,89%
jedis	115	5167	66	61	1571	19	46,96%	69,60%	71,21%
jsoup	5	76	2	1	9	0	80,00%	88,16%	100,00%
junit	111	4028	55	44	505	20	60,36%	87,46%	63,64%
kotlin	143	3466	55	67	749	32	53,15%	78,39%	41,82%
lucene-solr	1526	67849	669	1024	19484	431	32,90%	71,28%	35,58%
mct	21	1314	11	9	478	6	57,14%	63,62%	45,45%
mockito	76	992	31	6	72	3	92,11%	92,74%	90,32%
netty	158	11900	83	100	3780	50	36,71%	68,24%	39,76%
OG-Platform	2328	210562	1805	1304	46479	966	43,99%	77,93%	46,48%
OpenRefine	13	12189	51	11	2995	48	15,38%	75,43%	5,88%
orientdb	225	15640	157	109	3640	79	51,56%	76,73%	49,68%
realm-java	179	12069	106	115	3678	61	35,75%	69,53%	42,45%
retrofit	31	668	16	8	213	6	74,19%	68,11%	62,50%
roboguice	34	6237	49	20	1316	31	41,18%	78,90%	36,73%
RxJava	46	2822	30	6	76	4	86,96%	97,31%	86,67%
voldemort	297	30477	100	163	3418	68	45,12%	88,78%	32,00%
Average							62.30%	81.04%	65.51%
Median							60,36%	83,03%	63,64%
Standard Deviation							23,57%	13,52%	25,12%

RESULTS ON MERGE SCENARIOS WHERE SEMISTRUCTURED AND UNSTRUCTURED MERGE REPORTED THE SAME NUMBERS

Project	Unstructured			Semistructured		
	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files
CruiseControl.NET	1	8	1	1	8	1
Dynamo	68	100	55	68	100	55
EventStore	46	178	29	46	178	29
monodevelop	15	72	22	15	72	22
Nancy	10	7	13	10	7	13
NRefactory	5	32	7	5	32	7
NServiceBus	15	23	23	15	23	23
opensimulator	2	1	3	2	1	3
Questor	18	109	33	18	109	33
ReactiveUI	1	-	1	1	-	1
Rebus	1	0	1	1	0	1
Rock	64	289	46	64	289	46
SharpDevelop	55	228	65	55	228	65
SignalR	1	8	1	1	8	1
SparkleShare	6	7	10	6	7	10
Umbraco-CMS	93	264	115	93	264	115
WowPacketParser	1	4	2	1	4	2
astropy	2	-	2	2	-	2
django	1	-	1	1	-	1
edx-platform	41	26	50	41	26	50
flask	2	8	2	2	8	2
ipython	11	4	22	11	4	22
matplotlib	25	69	28	25	69	28
nova	310	196	328	310	196	328
nupic	9	-	20	9	-	20
pandas	4	8	5	4	8	5
requests	2	-	3	2	-	3
scrapy	-	-	-	-	-	-
slapos	6	16	9	6	16	9
sympy	31	52	31	31	52	31
taiga-back	-	-	-	-	-	-
testrunner	5	-	2	5	-	2
tornado	1	11	1	1	11	1
zamboni	2	2	2	2	2	2
atmosphere	3	-	9	3	-	9
Bukkit	-	-	-	-	-	-
cassandra	550	2026	639	550	2026	639
clojure	4	39	3	4	39	3
cloudify	9	10	13	9	10	13
cx	1	-	1	1	-	1
dropwizard	3	3	5	3	3	5
gradle	55	75	52	55	75	52
graylog2-server	5	57	11	5	57	11
infinispan	1	5	1	1	5	1
jedis	32	8	37	32	8	37
jsoup	-	-	1	-	-	1
junit	13	34	20	13	34	20
kotlin	15	52	31	15	52	31
lucene-solr	91	156	54	91	156	54
mct	7	15	13	7	15	13
mockito	-	-	1	-	-	1
netty	10	22	9	10	22	9
OG-Platform	287	1025	350	287	1025	350
OpenRefine	3	20	3	3	20	3
orientdb	22	46	32	22	46	32
realm-java	43	162	84	43	162	84
retrofit	1	3	1	1	3	1
roboguice	31	-	14	31	-	14
RxJava	2	19	4	2	19	4
voldemort	40	325	42	40	325	42

RESULTS ON MERGE SCENARIOS WHERE UNSTRUCTURED MERGE REDUCED THE NUMBERS

Project	Unstructured			Semistructured			Reduction		
	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files	Textual conf.	Conf. Lines	Conf. Files
CruiseControl.NET	-	-	-	-	-	-	-	-	-
Dynamo	22	295	1	71	431	2	69,01%	31,55%	50,00%
EventStore	12	124	-	16	202	-	25,00%	38,61%	-
monodevelop	493	36	-	747	98	-	34,00%	63,27%	-
Nancy	3	4	-	4	14	-	25,00%	71,43%	-
NRefactory	-	-	-	-	-	-	-	-	-
NServiceBus	22	43	-	29	77	-	24,14%	44,16%	-
opensimulator	-	43	-	-	66	-	-	34,85%	-
Questor	10	-	-	14	-	-	28,57%	-	-
ReactiveUI	-	-	-	-	-	-	-	-	-
Rebus	-	-	-	-	-	-	-	-	-
Rock	6	298	-	11	356	-	45,45%	16,29%	-
SharpDevelop	517	44	-	780	85	-	33,72%	48,24%	-
SignalR	-	-	-	-	-	-	-	-	-
SparkleShare	20	18	-	23	24	-	13,04%	25%	-
Umbraco-CMS	71	1163	-	106	1894	-	33,02%	38,60%	-
WowPacketParser	-	-	-	-	-	-	-	-	-
astropy	1	236	-	4	245	-	75,00%	3,67%	-
django	-	-	-	-	-	-	-	-	-
edx-platform	21	37	-	34	101	-	38,24%	63,37%	-
flask	-	-	-	-	-	-	-	-	-
ipython	6	18	0	26	29	1	76,92%	37,93%	100,00%
matplotlib	11	232	-	13	309	-	15,38%	24,92%	-
nova	112	1357	1	226	3290	5	50,44%	58,75%	80,00%
nupic	9	56	-	41	87	-	78,05%	35,63%	-
pandas	0	241	0	2	321	1	100,00%	24,92%	100,00%
requests	4	52	-	5	86	-	20,00%	39,53%	-
scrapy	-	-	-	-	-	-	-	-	-
slapos	3	-	-	6	-	-	50,00%	-	-
sympy	645	197	-	777	1743	-	16,99%	88,70%	-
taiga-back	-	-	-	-	-	-	-	-	-
testrunner	-	-	-	-	-	-	-	-	-
tornado	-	-	-	-	-	-	-	-	-
zamboni	-	-	-	-	-	-	-	-	-
atmosphere	-	72	-	-	299	-	-	75,92%	-
Bukkit	18	-	-	25	-	-	28%	-	-
cassandra	93	5395	3	174	13284	5	46,55%	59,39%	40,00%
clojure	-	-	-	-	-	-	-	-	-
cloudify	3	101	-	6	247	-	50,00%	59,11%	-
cxr	-	-	-	-	-	-	-	-	-
dropwizard	2	4	-	3	28	-	33,33%	85,71%	-
gradle	22	126	-	32	244	-	31,25%	48,36%	-
graylog2-server	20	290	-	33	405	-	39,39%	28,40%	-
infinispan	-	-	-	-	-	-	-	-	-
jedis	153	438	-	183	516	-	16,39%	15,12%	-
jsoup	-	-	-	-	-	-	-	-	-
junit	-	-	-	-	-	-	-	-	-
kotlin	4	362	-	6	515	-	33,33%	29,71%	-
lucene-solr	16	1030	-	32	2038	-	50,00%	49,46%	-
mct	16	15	-	17	29	-	5,88%	48,28%	-
mockito	-	-	-	-	-	-	-	-	-
netty	-	-	-	-	-	-	-	-	-
OG-Platform	915	2146	-	1675	3902	-	45,37%	45,00%	-
OpenRefine	43	199	-	92	220	-	53,26%	9,55%	-
orientdb	93	216	-	185	262	-	49,73%	17,56%	-
realm-java	75	218	-	143	465	-	47,55%	53,12%	-
retrofit	3	-	-	4	-	-	25,00%	-	-
roboguice	35	40	-	54	65	-	35,19%	38,46%	-
RxJava	1	4	-	2	21	-	50,00%	80,95%	-
voldemort	29	622	-	54	987	-	46,30%	36,98%	-
Average							40,49%	43,62%	74%
Median							36,71%	39,07%	80,00%
Standard Deviation							20,10%	21,13%	27,93%