

[h] option option  
CloneProjectOriginal Project

	id	projectName	summary	
	1	zstd	Compression library (v1.5.1)	791626dfb92acf4a
	2	radare2	Reverse engineering framework (5.5.4)	1703da75e247871
	3	nginx	HTTP and reverse proxy server (1.21.5)	3a7d332aef234d3
	4	mimikatz	Windows penetration test tool (2.2.0-20210810-2)	7f02230226b0459
	5	goaccess	Real-time web log analyzer (v1.5.4)	72876319542c257
	6	micropython	Programming language interpreter (v1.17)	7c54b6428058a23
	7	bcc	BPF (Berkeley Package Filter) creation tool (v0.23.0)	67f59ee80fcf5dee
	8	Nuklear	Cross-platform GUI library (4.9.5)	3e91905e82c3cad
	9	nnn	Terminal file manager (v4.4)	65eddfef7b9f02f6
	10	timescaledb	Time-series SQL database (2.5.1)	a2530ab5f251ba5
[h] Target projects	11	hashcat	Password recovery utility (6.2.5)	fe1d3f95bb1d323
	12	nginx-rtmp-module	nginx media streaming server module (v1.2.2)	23e1873aa62acb5
	13	qmkFirmware	Keyboard firmware (0.15.13)	7c186ebb974b4bb
	14	tengine	Web server (extended from nginx) (2.3.3)	ae3ff4619d133ff1
	15	twemproxy	KVS proxy (0.5.0)	894d78378c07206
	16	ish	iOS Linux shell (1.2.3)	f5dabdb67f6bb46f
	17	skynet	Online game framework (v1.5.0)	38e5b1ca1ca4c0e
	18	robotjs	Desktop automation library (v0.6.0)	99021d82cea1fe1
	19	brothli	Compression library (v1.0.9)	e61745a6b7add50
	20	tig	Text-mode git interface (2.5.5)	72187884af29088
	21	kcp	Protocol implementation (1.7)	38e0c9366e4a72
	22	reactos	Operating system (0.4.14)	9963bba88bdca88
	23	openwrt	Operating system (v21.02.1)	b4d7885af70a42d

	projectName	ecFiles	shFiles	allFiles	targetRate
	radare2	1257	631	4445	0.4247469066366704
	ish	108	108	461	0.4685466377440347
[h] Target project files	goaccess	35	35	119	0.5882352941176471
	brothli	33	60	369	0.25203252032520324
	nnn	2	8	113	0.08849557522123894
	nginx	230	113	499	0.687374749498998

	projectName	sum	fileNum	average
	radare2	730700	1257	581.304693715195
	ish	24033	108	222.52777777777777
[h] C file loc	goaccess	31494	35	899.8285714285714
	brothli	21035	33	637.4242424242424
	nnn	8843	2	4421.5
	nginx	190635	230	828.8478260869565

	fileId	id	macroCnt	name	path		
	2664	1704	1704	sqlite3.c	project/mimikatz/modules/sqlite3.c		
	648	510	510	riscvopc.c	project/radare2/libr/asm/arch/riscv/riscvopc.c		
	1035	396	396	elf.c	project/radare2/libr/bin/format/elf/elf.c		
	936	324	324	dwarf.c	project/radare2/libr/bin/dwarf.c		
	4744	263	263	nnn.c	project/nnn/src/nnn.c		
	577	175	175	mipsdis.c	project/radare2/libr/asm/arch/mips/gnu/mipsdis.c		
	1568	160	160	dwarf_process.c	project/radare2/libr/anal/dwarf_process.c		
	2268	134	134	ngx_http_upstream.c	project/nginx/src/http/ngx_http_upstream.c		
[h] s per files	581	134	134	tricoredis.c	project/radare2/libr/asm/arch/tricore/gnu/tricoredis.c		
	2267	132	132	ngx_http_core_module.c	project/nginx/src/http/ngx_http_core_module.c		
	1157	116	116	apprentice.c	project/radare2/libr/magic/apprentice.c		
	946	114	114	pe.c	project/radare2/libr/bin/format/pe/pe.c		
	1380	111	111	tccgen.c	project/radare2/libr/parse/c/tccgen.c		
	448	107	107	xtensamodules.c	project/radare2/libr/asm/arch/xtensa/gnu/xtensamodules.c		
	1581	106	106	flirt.c	project/radare2/libr/anal/flirt.c		
	2699	97	97	sqlite3.h	project/mimikatz/modules/sqlite3.h		
	23455	96	96	tty.c	project/ish/fs/tty.c		
	822	95	95	core_java.c	project/radare2/libr/core/p/core_java.c		
	552	93	ppcopc.c	project/radare2/libr/asm/arch/ppc/gnu/ppcopc.c			
	23484	90	90	errno.c	project/ish/kernel/errno.c		
		fileId	id	macroCnt	name	path	
		2454	15806	15806	ngx_event_openssl.h	project/nginx/src/event/ngx_event_openssl.h	
		2340	15067	15067	ngx_http_perl_module.c	project/nginx/src/http/modules/ngx_http_perl_module.c	
		2341	15065	15065	ngx_http_perl_module.h	project/nginx/src/http/modules/ngx_http_perl_module.h	
		1684	9308	9308	debug_native.c	project/radare2/libr/debug/debug_native.c	
		1734	9028	9028	xnu_debug.c	project/radare2/libr/debug/xnu_debug.c	
		1132	8139	8139	bin_write_elf64.c	project/radare2/libr/bin/format/elf64/bin_write_elf64.c	
		1113	8138	8138	bin_write_elf.c	project/radare2/libr/bin/format/elf/bin_write_elf.c	
		1033	8138	8138	elf64.c	project/radare2/libr/bin/format/elf64/elf64.c	
		1035	8137	8137	elf.c	project/radare2/libr/bin/format/elf/elf.c	
[h] available macro count per files		1084	8134	8134	bin_elf64.c	project/radare2/libr/bin/format/elf64/bin_elf64.c	
		1128	8133	8133	bin_elf.c	project/radare2/libr/bin/format/elf/bin_elf.c	
		1088	8133	8133	bin_cgc.c	project/radare2/libr/bin/format/cgc/bin_cgc.c	
		1028	8110	8110	elf64_write.c	project/radare2/libr/bin/format/elf64/elf64_write.c	
		1034	8109	8109	elf_write.c	project/radare2/libr/bin/format/elf/elf_write.c	
		772	7976	7976	rtr.c	project/radare2/libr/asm/arch/riscv/rtr.c	
		1424	7833	7833	io_debug.c	project/radare2/libr/debug/io_debug.c	
		2664	7187	7187	sqlite3.c	project/mimikatz/modules/sqlite3.c	
		786	7169	7169	cmd.c	project/radare2/libr/core/p/cmd.c	
		818	7109	7109	cmd_debug.c	project/radare2/libr/core/p/cmd_debug.c	
		690	6692	6692	asm_mips_gnu.c	project/radare2/libr/asm/arch/mips/gnu/asm_mips_gnu.c	
		project name	file num	total macro num	mean	median	variance
[h] defined macro per file info		radare2	1727	18233334	10557.8078	12120.0	35507115.7811
		ish	167	1044081	6251.982	4920.0	13587137.078
		goaccess	39	231507	5936.08	6084.0	6312854.44
		brotli	88	249933	2840.15	3066.0	1129785.3
		nnn	9	48759	5417.67	3936.0	21012238.0
		nginx	339	5685477	16771.319	17274.0	21603574.585
		project name	file num	total macro num	mean	median	variance
[h] available macro per file info		radare2	1727	18094797	10477.5895	12018.0	34960922.1564
		ish	167	1040994	6233.497	4914.0	13486450.408
		goaccess	39	229971	5896.69	6012.0	6196606.96
		brotli	88	247320	2810.45	3054.0	1088557.77
		nnn	9	48672	5408.0	3930.0	20910397.5
		nginx	339	5639307	16635.124	17124.0	21325319.985

[h] whole macro per file info	project name	file num	total macro num	mean	median	variance	
	radare2	1727	18233334	10557.8078	12120.0	35507115.7811	59
	ish	167	1044081	6251.982	4920.0	13587137.078	3
	goaccess	39	231507	5936.08	6084.0	6312854.44	2
	brofli	88	249933	2840.15	3066.0	1129785.3	3
	nnn	9	48759	5417.67	3936.0	21012238.0	4
	nginx	339	5685477	16771.319	17274.0	21603574.585	4
[h] used macro per file info	project name	file num	total macro num	mean	median	variance	stdev
	radare2	1339	49584	37.0306	21.0	5619.0805	74.9605
	ish	121	5166	42.694	21.0	3193.464	56.511
	goaccess	30	1395	46.5	21.0	2829.57	53.19
	brofli	62	945	15.24	6.0	436.51	20.89
	nnn	3	834	278.0	33.0	195951.0	442.66
	nginx	271	16977	62.646	48.0	3812.874	61.748