

Table 1 the statistics of experiment projects.

| project name | # of prs | percentage of the prs containing issue report ids | median number of active reviewers for each pr |
|------------------------|----------|---|---|
| ace3 | 3625 | 0.211862 | 64 |
| brackets | 5275 | 0.375924 | 52 |
| akka | 7500 | 0.312667 | 64 |
| govuk-puppet | 4523 | 0.00818 | 70 |
| angular | 10214 | 0.270315 | 189 |
| ardupilot | 5800 | 0.072586 | 90 |
| entityframework | 4450 | 0.453483 | 48 |
| mvc | 3423 | 0.371312 | 49 |
| atom | 4025 | 0.340124 | 89 |
| jetpack | 6075 | 0.297778 | 103 |
| azure-content | 8772 | 0.01653 | 376 |
| cartodb | 6300 | 0.529365 | 43 |
| cfgov-refresh | 4150 | 0.044819 | 39 |
| chapel | 9149 | 0.09859 | 30 |
| chef | 5474 | 0.12057 | 112 |
| openh264 | 2475 | 0.017778 | 18 |
| cmsdist | 3850 | 0.052468 | 45 |
| vets-website | 7072 | 0.271635 | 77 |
| diaspora | 3350 | 0.264478 | 88 |
| dynamo | 6449 | 0.106838 | 32 |
| che | 5424 | 0.530052 | 51 |
| logstash | 5100 | 0.221961 | 68 |
| elgg | 4375 | 0.336457 | 26 |
| data | 3224 | 0.200682 | 187 |
| ember.js | 7623 | 0.20425 | 219 |
| website | 2975 | 0.078992 | 63 |
| react-native | 7325 | 0.190034 | 420 |
| galaxy | 4550 | 0.206593 | 44 |
| god | 2885 | 0.115078 | 42 |
| gradle | 4100 | 0.26561 | 57 |
| gpdb | 5375 | 0.048 | 109 |
| grpc | 9664 | 0.212748 | 88 |
| terraform | 8173 | 0.299033 | 269 |
| hazelcast | 8850 | 0.311977 | 49 |
| ipython | 5525 | 0.338824 | 92 |
| jabref | 2475 | 0.309091 | 21 |
| jquery | 2375 | 0.145263 | 66 |
| jquery-mobile | 2150 | 0.313023 | 69 |
| netkan | 5389 | 0.05771 | 50 |
| ka-lite | 2650 | 0.386415 | 25 |
| mame | 3699 | 0.004866 | 59 |
| mantid | 6550 | 0.645802 | 47 |
| mapbox-gl-native | 6321 | 0.461478 | 59 |
| meteor | 2399 | 0.300542 | 105 |
| typescript | 8498 | 0.522358 | 121 |
| vscode | 4124 | 0.524491 | 62 |
| vsts-tasks | 5650 | 0.033097 | 109 |
| minetest | 3950 | 0.215443 | 132 |
| molgenis | 5200 | 0.045769 | 18 |
| addons-server | 5900 | 0.382542 | 48 |
| fxa-content-server | 3299 | 0.59806 | 29 |
| server | 6220 | 0.253537 | 96 |
| ol3 | 5525 | 0.211584 | 54 |
| openra | 6211 | 0.333924 | 75 |
| atlasdb | 2675 | 0.131215 | 41 |
| tidb | 6297 | 0.161505 | 40 |
| metasploit-framework | 200 | 0.11 | 20 |
| realm-java | 2598 | 0.251347 | 32 |
| riot | 8000 | 0.155375 | 70 |
| robottelo | 4100 | 0.225122 | 23 |
| scikit-learn | 6324 | 0.399905 | 102 |
| scipy | 4175 | 0.316407 | 67 |
| iris | 2200 | 0.14 | 25 |
| silverstripe-framework | 5750 | 0.177913 | 80 |
| spree | 5448 | 0.126652 | 100 |
| vic | 3750 | 0.4944 | 34 |
| wordpress-ios | 5496 | 0.594432 | 34 |
| wordpress-seo | 3200 | 0.540625 | 27 |
| vitess | 3648 | 0.062226 | 29 |
| panoptes-front-end | 2625 | 0.398476 | 32 |
| foundation-sites | 3799 | 0.239273 | 92 |