A Bibliography of Publications in *Empirical Software Engineering*

Nelson H. F. Beebe
University of Utah
Department of Mathematics, 110 LCB
155 S 1400 E RM 233
Salt Lake City, UT 84112-0090
USA
Tel: +1 801 581 5254
FAX: +1 801 581 4148
E-mail: beebe@math.utah.edu, beebe@acm.org, beebe@computer.org (Internet)
WWW URL: https://www.math.utah.edu/~beebe/
07 February 2024
Version 1.21

Title word cross-reference

```
#define [447, 1157]. #SAT [1410].


13th [315]. 19 [989, 1109, 1134, 1139, 1287, 1342, 1434, 1490]. 1987 [57].

3 [872]. 36th [1438]. 3rd [131].

'97 [65].

Actions [1512]. active [831, 974]. Activities
```
activity [959, 1328]. actor [665].
actor-oriented [665]. actors [840].
actually [723]. ad [1054]. Ada [4].
adaptation [405, 667, 757, 1508].
adaptable [522]. adaptive [359, 1069, 1234]. address [508].
Alternative [208]. Alternatives [137]. am [1020]. ambiguity [1527]. America [1050].
Ammonia [997]. Among [272, 276, 1134, 1352, 1561, 1576]. Amp [1335]. amplification [1269, 1335].
analogue [883]. Analogy [78, 97, 159, 170, 171, 190, 261, 291, 342, 365, 405, 667].
Analysts [44]. Analytics [927, 985, 1002, 1037]. analyzability [842].
analyze [767]. Analyzing [295, 387, 415, 612, 657, 783, 794, 1047, 1087, 1224, 1246, 1398, 1535].
AndroEvolve [1250].
Android [586, 668, 691, 740, 775, 780, 821, 838, 839, 850, 867, 908, 924, 929, 934, 936, 939–941, 954, 1001, 1019, 1034, 1063, 1065, 1072, 1107, 1109, 1114, 1122, 1139, 1198, 1204, 1241, 1250, 1291, 1318, 1362, 1403, 1429, 1511].
amanomaly [1387, 1518]. anonymous [1239].
Anisible [1570]. answer [875, 994, 1416].


change-proneness [384, 408]. Changeability [137]. ChangeLocator [823]. Changes [377, 416, 463, 590, 598, 607, 647, 672, 676, 700, 707, 767, 823, 836, 865, 896, 914, 983, 1009, 1059, 1113, 1125, 1128, 1152, 1224, 1262, 1276, 1307, 1364, 1411, 1422, 1495].


Classification [64, 75, 79, 117, 123, 167, 190, 202, 218, 445, 488, 555, 604, 979, 1043, 1156, 1165, 1415, 1468, 1469].

Classification-tree [117, 123]. classifications [1356]. classifier [1407]. classifiers [1057, 1058, 1384, 1511]. classify [480, 1007].


code [322, 346, 382, 495, 524, 555, 660, 674, 774, 775, 792, 803, 811, 815, 817, 853, 865, 869, 878, 888, 890, 893, 903, 913, 949, 950, 955, 1023, 1036, 1056, 1128, 1153, 1192, 1218, 1224, 1254, 1256, 1259, 1282, 1296, 1351, 1362, 1388, 1411, 1444, 1462, 1483, 1488, 1522, 1541, 1542, 1549].


CoFI [464]. cognition [1252]. cognitive [582, 1004, 1266, 1373]. Cohesion [52, 661, 662]. collaborative [528, 706, 1086, 1107, 1132, 1358, 1464].


combing [362, 495, 1403, 1453]. COMBO
Debian-based [109]. debloating [1380].
Debsources [695]. debt
[585, 755, 1031, 1044, 1094, 1112, 1144, 1170,
1223, 1285, 1324, 1332, 1333, 1378, 1416, 1446].
DebtFree [1285]. Debugging [671, 1498].
decade [511, 783]. decades [695]. decay
[1472]. Decision [46, 336, 565, 878, 1572].
Decision-making [565, 1572]. decisions
[1538]. declarative [1421]. declared [1072].
decomposer [1429]. decomposition
[1265, 1283]. decompositions [629].
dedicated [1304, 1406]. Deep
[1005, 1018, 1093, 1094, 1096, 1159, 1205, 1215,
1218, 1267, 1281, 1286, 1322, 1348, 1352, 1369,
1415, 1457, 1458, 1546]. deeper [964].
Default [220, 444]. Defect [13, 155, 311, 313,
314, 325, 326, 339, 357, 362, 367, 376, 413, 419,
430, 439, 440, 467, 490, 510, 582, 590, 622, 639,
640, 655, 708, 743, 868, 873, 904, 918, 979, 987,
1040, 1057, 1058, 1064, 1143, 1163, 1226, 1230,
1286, 1311, 1359, 1379, 1502, 1505, 1508, 1556].
defect-detection [13]. defectiveness
[1418]. Defects
[124, 393, 709, 779, 845, 966, 1033, 1386, 1474].
Defects4j [710, 1179]. defense [469].
Degradation [19]. Deja [1373]. delay
[690, 766]. delayed [709]. delegation [1065].
delivery [682, 881, 1478]. Depoly
[1071, 1199]. denormalization [1250].
density [490, 551, 1447]. Dependability
[19]. dependable [1050]. Dependence
[58, 1536]. dependences [309].
dependencies
[561, 607, 705, 741, 754, 1030, 1100, 1137, 1231].
dependency
[390, 862, 1120, 1135, 1297, 1302]. Depiction
[46]. deployed [1109, 1184]. deployment
[423, 682, 881]. Deprecated [1001].
deprecation [802, 948]. depth
[8, 638, 692, 1143]. Deriving [988, 997].
describing [772]. Description [142].
descriptions [921, 1048, 1049, 1363, 1423].
Descriptive [150]. Design [40, 63, 73, 137,
199, 364, 376, 516, 565, 607, 734, 796, 976, 1016,
1031, 1046, 1048, 1049, 1070, 1211, 1212, 1248,
1288, 1317, 1475, 1513, 1538]. Designed [199].
designers [751]. Designing [177, 931].
Designs [122]. desktop [528, 1445]. detail
[587]. detailed [678]. detect
[1009, 1346, 1363, 1393, 1457]. detectability
[1371]. detectable [1019]. detected [1152].
Detecting [338, 475, 541, 834, 845, 933, 937,
954, 1074, 1517, 1527, 1541]. Detection
[13, 69, 124, 155, 316, 351, 592, 597, 603, 604,
614, 672, 775, 778, 1030, 1063, 1122, 1166, 1216,
1254, 1264, 1336, 1339, 1362, 1381, 1398,
1419, 1423, 1453, 1458, 1489, 1511, 1515, 1518,
1558]. detections [634]. detectors
[586, 1403]. determine [1488].
Determining [191]. Developer [382, 440,
562, 623, 713, 751, 773, 830, 974, 1004, 1006,
1013, 1178, 1180, 1193, 1197, 1232, 1237, 1246,
1269, 1287, 1346, 1385, 1402, 1501, 1515, 1551].
Developer-centric [1269].
developer-oriented [1006].
developer-sensitive [1346]. Developers
[311, 424, 461, 481, 537, 539, 584, 601, 615, 620,
669, 703, 742, 754, 761, 776, 857, 867, 869, 977,
982, 1007, 1186, 1207, 1247, 1252, 1267, 1291,
1295, 1398, 1411, 1434, 1493, 1509, 1535, 1542].
Developing [338, 340, 421, 1367].
Development
[12, 88, 145, 201, 206, 211, 222, 225, 238, 241,
244, 246, 249, 254, 255, 285, 287, 301, 303, 304,
370, 377, 386, 388, 404, 425, 449, 464, 472, 474,
485, 488, 499, 553, 566, 574, 596, 706, 721, 732,
735, 757, 760, 773, 777, 778, 788, 794, 818, 870,
879, 922, 971, 1025, 1053, 1036, 1038, 1078, 1082,
1103, 1121, 1127, 1132, 1148, 1158, 1184, 1202,
1207, 1245, 1249, 1307, 1328, 1342, 1353, 1366,
1369, 1382, 1385, 1448, 1450, 1459, 1544, 1553].
device [361, 740]. devices [1107]. DevOps
[1085, 1531]. Diagram [55, 281]. Diagrams
[223, 344, 363, 364, 587]. dialogue [776].
dictionary [597]. diff [969]. difference
[902]. Differences [201, 906, 1161, 1239].
Different
[118, 364, 969, 982, 1094, 1193, 1351, 1446].
Differential [521, 1415]. differentiated [472, 715, 1500]. difficulties [400].
diffuseness [774]. Dimension [57].
dimensional [1091]. directed [654].
Directions [92, 93]. directives [424].
Dirichlet [477]. disadvantages [1304, 1406].
disciplining [1157]. discover [1227].
discovered [634, 779]. Discovering [889, 1068]. discovery [298, 652].
discrepancy [782]. Discuss [723, 1018].
discussion [1385]. Discussions [883, 1180, 1193, 1211, 1217, 1287, 1315, 1519].
DiverGet [1348]. Diversity [1147, 1216, 1464, 1531, 1573]. DLL [901].
Dockerfiles [1223].
Documentation [36, 212, 424, 569, 1197, 1378, 1467, 1481, 1487, 1503, 1541].
DroidLeaks [936]. due [690]. DUO [1002].
Dynamical [1216]. dynamically [1335]. dynamics [664]. dyslexia [882].
economic [280]. Economics [234, 380]. ecosystem [491, 717, 901, 1083, 1100, 1106, 1160, 1169, 1389, 1465, 1520, 1547].
ecosystems [647, 862, 1111]. ECSER [1384]. edge [1480]. edit [1128]. Editing [1121].
Editors [315, 329]. edits [1390]. Education [61, 192, 484]. educational [335]. Educators [61].
Effect [17, 158, 254, 285, 370, 567, 699, 796, 963, 1048, 1049, 1143]. Effective [124, 553, 718, 810, 864, 954, 1055, 1234, 1240, 1330, 1334, 1394, 1499].
Effectiveness [14, 192, 237, 246, 265, 306, 313, 328, 356, 470, 475, 493, 549, 611, 656, 678, 717, 851, 967, 1021, 1063, 1150, 1172, 1225, 1270, 1518].
Effects [272, 337, 377, 484, 514, 630, 725, 732, 794, 808, 1066, 1245, 1251, 1296, 1470, 1501, 1556].
effectually [1358]. Efficacy [74]. Efficiency [104, 337, 364, 493, 549, 655, 717, 1526].
effort-aware [918, 1311, 1565]. EIF [1042].
Eliciting [396]. elimination [446, 523].
Elixir [1483]. Emam [42]. Eman [41].
embedded [464, 1056, 1424]. Embedding
FixMiner

aky

x-inducing

x

FindICI

financial

le-level

ert [180].

fault-load

faults

faulty [1574]. favor [853]. fear [920, 1026].

feasibility [851]. FeatCompare [1155].


feature-oriented [629, 767, 885].

feature-relevant [844]. featured [1210].

features [351, 461, 601, 1060, 1187, 1230, 1507, 1511, 1558]. federated [1425].

Feedback [216, 654, 945, 1231, 1407, 1469]. feedback-directed [654]. feet [1032].


financial [479, 1563]. find [1309, 1386, 1404].

FindICI [1363]. Finding [543, 654, 831, 832, 1148, 1574]. Findings [222, 715, 842, 1331].

fine [247, 693, 1224, 1338]. fine-grained

[247, 693, 1224, 1338]. fine-GRAPE [693].

Fingerprint [974]. finite [605]. Finland [423]. Firefox [787, 901]. First [1031, 1114, 1139, 1382, 1425, 1456, 1576].

first- [1382]. fit [1486]. fitness [1234]. five [271].

fix [331, 598, 676, 709, 998, 1224, 1477, 1547].

fix-inducing [508, 676]. fixed [753, 766].

fixes [812, 1098, 1532]. Fixing [529, 787, 1174, 1338, 1370, 1377].

FIXME [1333]. FixMiner [998]. flakiness [1354].

flaky [920, 1026, 1453]. flexibility [407].

flexible [261, 488]. FLOSS [428]. Flow [439, 735, 1250, 1300]. flows [1326].

flows-aware [1326]. fluent } [1300].

Fluently [1300]. fly [1549]. Focus [204].


form [815]. Formal [497, 1050, 1344, 1506].

formation [1220]. formatting [1314].


Fostering [553, 945]. foundation [562, 663, 706, 1575]. Four [303, 429, 445, 500, 848, 1446].

Fragile [728]. fragility [929]. fragments [1130, 1393].


Frameworks [1018, 1025, 1094, 1480, 1492, 1494, 1546, 1575].

Frankenstein [1537]. free [695, 776, 815, 838, 850, 861, 954, 1328].

free-form [815]. free/open [1328].

frequency [1464]. frequently [619].

frequently-updated [619]. Fresh [619].

friction [1366]. frugal [1231]. fulfillment [1047].

Function [2, 84, 185, 494, 1234, 1355, 1467].

function-level [1355]. functional [240, 899, 942, 1117, 1125, 1291, 1483].

Functions [502, 1051]. Fundamental [24].


gained [286]. Game [259, 335, 634, 855, 1012, 1186, 1219, 1323, 1398]. Game-based [1219].

gameplay [1517]. games [714, 763, 1517].

Gamification [945, 1015, 1237]. gap [1553].

gaps [916]. gate [241]. gatekeepers [1296].

GBGallery [1323]. GCC [271]. Gender [906, 1238, 1473, 1531, 1553, 1576].

General [410, 425, 781, 818, 1027]. general-purpose
generated [1141]. Generating [680, 1073, 1130, 1215, 1234, 1527, 1574].

Generation [240, 260, 266, 375, 547, 678, 745, 795, 851, 897, 1005, 1120, 1135, 1175, 1294, 1343, 1382, 1417, 1450, 1522, 1537].
generator [1299]. generic [400]. generics [458]. Genetic [680, 745, 826, 1138].
genetically [1357]. genetically-based [1357]. Getting [141, 387, 821]. Gin [1485].

Git [588, 969, 1347]. git2net [1121].

GitHub [638, 669, 700, 744, 794, 886, 887, 894, 895, 947, 949, 959, 1022, 1196, 1217, 1247, 1295, 1331, 1388, 1464, 1504, 1510, 1512, 1519, 1524, 1559].

grained [247, 693, 1224, 1334]. grammar [306, 680].

GRAPE [693]. Graph [58, 164, 1135, 1399, 1468, 1537].
graph-based [1468]. Graphical [317, 738, 1048, 1049, 1301]. graphics [443].
graphs [1176, 1246, 1272]. great [957].

Green [535, 1171]. greener [1538].

GreenHub [1107]. GreenScaler [897].
grey [348]. Greybox [1350]. ground [1521].


hiding [1166].

Hierarchical [1516]. High [502, 543, 598, 676, 717, 896, 1373].

High-level [896]. High-MCC [502].

high-performance [717]. high-speed [1373]. higher [240, 484, 1051].

higher-order [1051].

higher-ordered-typed-functional [240].


historical [987, 1372]. history [246, 606, 694, 808, 1008]. hoc [655, 1054].


hotspots [393]. Human [98, 204, 407, 527, 847, 878, 1368, 1448].

human-centric [407]. Humans [225, 1024, 1510, 1573]. hundreds [1106].

Hypermedia [73, 182]. hyperparameter [928, 1341]. HyperPUT [1574].


Identification [30, 523, 526, 556, 854, 1099, 1183, 1285, 1446].


permutation [402]. Persistent [792].
personalities [624]. Personality
[328, 474, 484, 1252, 1568]. Perspective [9,
74, 124, 237, 452, 624, 1089, 1288, 1396, 1571].
Perspective-based [9, 74, 124, 237].
Perspectives [118, 621]. perturbation
[799]. pervasive [1166]. PHANTOM
[1022]. Pharo [1171, 1189]. Phase [158].
Phaser [1280]. PhD [67]. Philips [287].
physical [782]. pick [1182]. Picking [110].
Pinpointing [828]. pipeline [1384].
pipelines [922, 1441]. Pitfalls
[785, 1340, 1347]. pivots [722]. plagiarism
[1166]. plagiarism-hiding [1166]. plan
[370, 971]. plan-driven [370, 971]. Planning
[219, 259, 362, 618, 621, 1140, 1162]. platform
[254, 524, 714, 763, 770, 838, 855, 995, 1025,
1053]. platforms [1385]. Play
[619, 776, 1118, 1139, 1238]. plug [452].
plug-in [452]. PMD [1066]. PMESSE'97
[47]. Point [2, 84, 1031]. Point-Like [84].
Points [185, 494, 1307]. Polarity [778, 1324].
policies [436]. Policy [127]. popular
[714, 802, 850, 1035, 1077, 1160]. Portrait
[1286]. positives [1264]. possibilistic
[1339]. Possible [201]. post
[655, 1033, 1184, 1205]. post-deployed
[1184]. post-hoc [655]. post-processing
[1205]. post-release [1033]. posts
[984, 1007]. Potential [228, 593, 781, 1359].
potentially [1174]. power [535, 712].
power-only [712]. Practical
[25, 190, 274, 343, 527, 991, 1029, 1540].
Practice [61, 144, 209, 212, 390, 429, 497, 545,
546, 621, 731, 736, 750, 791, 1188, 1230, 1282,
1317, 1318]. practice-driven [390].
Practitioner [1031, 1123, 1220, 1301, 1494].
practitioners [1078, 1543]. pragmatic
[734, 1175]. Prázi [1302]. pre
[1260, 1469, 1484]. pre-trained
Professionals [109, 211, 756, 848, 972, 1050, 1134, 1490].

Productivity [10, 280, 528, 599, 725, 732, 1013, 1038, 1134, 1161].

Products [964].

Profession [61].

Professional [69, 520, 858].

Professionals [109, 211, 756, 848, 972, 1050, 1134, 1490].

Professional [61].

Professionals [109, 211, 756, 848, 972, 1050, 1134, 1490].

Programmer [38, 725].

Programmers [45, 46, 59, 671, 697, 853, 882, 1018, 1404, 1477].

Programming [180, 199, 208, 243, 328, 368, 461, 484, 503, 680, 820, 826, 885, 890, 902, 986, 1010, 1042, 1055, 1061, 1138, 1193, 1261, 1391, 1569, 1576].

Programmable [482].

Programme [1382].

Programs [58, 105, 108, 199, 406, 828, 926, 950, 1235, 1460, 1474, 1489, 1574].

Project [29, 81, 100, 181, 187, 192, 219, 255, 353, 521, 582, 639, 655, 692, 708, 743, 748, 894, 987, 997, 1057, 1058, 1064, 1169, 1226, 1379, 1459, 1508].

Project-level [655].


Promises [638, 1133].

Prompter [642].

Querying [332, 865, 876].

Query [771, 1007, 1315, 1398, 1416].

Questionnaire [57].

Questions [871, 994, 1007, 1197, 1261, 1367].

Quick [1206].

R [768, 1487].

race [1464].

railway [845].

raised [612, 871].

randomised [307].

randomness [507].

rank [640, 660, 910, 996].

rank-performance-based [996].

Ranking [592, 792, 1451].

Rap4DQ [1197].

rapid [534, 564, 566, 766, 922, 1432].

rated [1116].

Rater [659].

Rates [117].

ratings [838, 850].

Protocols [262].

prototyping [1496].

provenance [1023, 1488].

pseudo [884].

pseudo-tested [884].

PSP [87, 103].

psychometric [368].

public [858, 1023, 1388].

Publication [67].

Publish [1052].

Published [130, 170, 171].

Pull [910, 949, 1296, 1337, 1465, 1504, 1512, 1569].

purpose [410, 818, 1472].

push [1089].

PyPI [975].

PyPy [915].

Python [872, 1171, 1200, 1224, 1316, 1400, 1417, 1440, 1488, 1489, 1520].

Q&A

[664, 784, 875, 883, 953, 1186, 1398, 1416, 1544].

QIP [29].

QIP/GQM [29].

QoS [359].

QoS-aware [359].

Qt [1336].

Qualitative [26, 142, 143, 225, 352, 385, 386, 407, 495, 758, 793, 1287, 1433].


quality-related [1423].

Quantifying [31, 275, 629].

Quantitative [129, 201, 336, 352, 489, 495, 758].

Quantization [1348].

quasi [308, 379, 474].

quasi-experimental [379].

quasi-experimental [308, 474].

queries [815, 921, 1028, 1185, 1300].

query [903].

Querying [332, 865, 876].

Question [771, 1007, 1315, 1398, 1416].

question-and-answer [1416].

Questionnaire [57].

questions [871, 994, 1007, 1197, 1261, 1367].

Quick [1206].
softNER

Social

smoothly

Snapshots

smooth

smell

Software

soft

Social

source-code

software-intensive

Software-related

source

SIR

software

Some

sourcers

Software-intensive

SIR

Sony

some

SAS

Source

source

SourceForge.net

software

SourceForge.net

software

Sourceforge.net

so

SourceForge

sourcing

source

some

some

some

some

some

some

some

sourcing

some

SourceForge.net

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

software

some

SIR

source-code

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

SOURCEnet

Software

Some
specialisation [491]. specific
[410, 664, 717, 771, 809, 818, 938, 955, 997,
1119, 1169, 1361, 1491]. specification [240].
specification-based [240]. Specifications
[169, 482, 483]. specifying [1300]. spectra
[551]. spectra-based [551]. spectrum
[1316]. speed [377, 1373, 1474, 1543]. SPICE
[57]. SPL [888, 1280]. Splitting
[514, 515, 950, 1516]. spoil [311]. spot [1148].
spread [1445]. spreadsheet [541]. Sprint
[1219]. SPVF [1370]. SQL [1450, 1551].
SQL-related [1450]. squares [365].
SSPCatcher [1312]. SSUCD [341].
stability [667, 752, 799, 1064, 1211]. stable
[702]. stack [481, 615, 664, 768, 809, 870, 886,
906, 908, 953, 984, 1007, 1128, 1130, 1180, 1201,
1209, 1212, 1201, 1315, 1390, 1393, 1416].
stage [241]. stage-gate [241]. Stamelos
[170]. STAMINA [449]. Stamped
[1121]. Standing [1032]. star [838, 850]. start
[852]. start-up [852]. startup [841, 1158].
startups [722, 1158, 1461]. State
[92, 282, 354, 429, 605, 731, 750, 788, 791, 992,
1056, 1126, 1177, 1230, 1318, 1394, 1403, 1410].
state-based [788]. state-of-the-art
[1403, 1410]. StateAFL [1350]. statechart
[344]. stateful [1350]. statement
[703, 1235]. Statements [46, 752]. states
[344, 1144]. Static [286, 468, 504, 572, 982,
1066, 1187, 1192, 1210, 1256, 1250, 1354, 1381,
1386, 1409, 1411, 1447, 1499]. statically
[1019]. statically-detectable [1019].
Statistical [295, 494, 533, 670]. status
[1459]. stay [1474]. steady [1394]. Steal
[125]. Steam [714, 763, 855]. Stochastic
[665]. stopping [260]. store
[619, 776, 819, 846, 942, 1238, 1571]. stores
[933]. stories [387]. Story [387, 566, 1307].
Strategies [45, 256, 338, 552, 919, 1010, 1082,
1266, 1299, 1330]. strategy [359, 485, 735].
Strengths [423]. string [1299]. Structural
[299, 397, 453, 629, 1004, 1467]. Structure
[2, 55, 414, 565, 604, 664]. Structured

1400, 1425, 1465, 1483. unexpected [1194].
Unified [52, 1274]. Uniform [1228].
unifying [1303]. UniMod [788].
uninstrumented [777]. uniqueness [1488].
Unisys [195]. Unit [234, 1349, 1417]. units [1569].
universal [640]. universe [1088].
Unix [694]. unreliable [645, 718].
unreliable [1165]. Unreproducible [1547].
unseen [1407]. unspecified [741]. unstable [1187].
Usage-Based [188, 196, 1191].
vetting [1072]. via [333, 913, 1002, 1081, 1178, 1224, 1336, 1370, 1418, 1516]. viable [509]. video [1517]. videos [657, 1517].
View [775, 801, 1031, 1220].
vs [213, 289, 499, 519, 708, 738, 1048, 1049, 1454, 1552, 1573]. Vu [1373]. Vulcans [225].
vulnerabilities [366, 634, 692, 779, 908, 954, 1030, 1065, 1174, 1297, 1309, 1440, 1499, 1518, 1540, 1554].
Vulnerability [427, 644, 943, 944, 972, 1098, 1099, 1118, 1370, 1372, 1419, 1428, 1532].
vulnerability-contributing [1099]. vulnerability-proneness [1118]. vulnerable [1137].
REFERENCES


XML [943, 944]. XP [209]. XSnare [1491].


References


REFERENCES


REFERENCES


REFERENCES

com/accesspage/article/10.1023/A%3A1009749707764.

Briand:1997:GEI


Lanubile:1997:EES


Kemerer:1997:MPE


Porter:1997:FLA


Valett:1997:PUE


ElEmam:1997:QAR


Lindvall:1997:EIA


vonMayrhauser:1997:IOK

REFERENCES


REFERENCES


[Bowdidge:1997:HSE]


[Lott:1997:CEE]


[Briand:1997:ECM]


[Zuse:1997:CPB]


[Briand:1997:RCP]


[Harrison:1997:Ic]

Brooks:1997:MAS


Silverman:1997:SSC


Kiper:1997:VDD


Harrison:1997:PME


Harrison:1998:I


Harrison:1998:SWA


Johnson:1998:DEI


Miller:1998:FES

REFERENCES


Briand:1998:UFC


Anonymous:1998:Io


Cross:1998:CSD


Fusaro:1998:ICS


Harrold:1998:ESC


Cross:1998:CSD


REFERENCES


[74] Zhijun Zhang, Victor Basili, and Ben Shneiderman. Perspective-based us-
REFERENCES


REFERENCES


[96] Lesley Pek Wee Land, Chris Sauer, and Ross Jeffery. The use of procedural roles in code inspections: An
Angelis:2000:STE


Brooks:2000:HCI


Jeffrey:2000:IDA


Rainer:2000:EIS


Harrison:2000:lb


Singer:2000:EES


Wesslen:2000:RES

<table>
<thead>
<tr>
<th>Reference</th>
<th>Title</th>
</tr>
</thead>
</table>
REFERENCES


[119] Tore Dyba. An instrument for measuring the key factors of success in...


[125] Anneliese Amschler Andrews and Arundeep S. Pradhan. Ethical is-

**References**


Schneidewind:2001:KRS


El-Emam:2001:MLS


Arisholm:2001:ACT


Anonymous:2001:CP


Singer:2001:WHR


El-Emam:2001:EOS


Vinson:2001:GSE


Seaman:2001:EQS

Gotterbarn:2001:EQS


Hall:2001:EIS


Lethbridge:2001:MSE


Sieber:2001:YOR


Sieber:2001:PRS


Storey:2001:IEE


Davis:2001:WVV


Becker-Kornstaedt:2001:DSP


Leung:2002:EME


Wieczorek:2002:ISC


Anonymous:2002:ISE


Anonymous:2002:Ib


Deligiannis:2002:REI


Purchase:2002:EEA


Biiff:2002:URG


Anonymous:2002:1c

Khoshgoftaar:2002:UCF


Stringfellow:2002:EMS


Laitenberger:2002:ICS


Jorgensen:2002:CST


Angelis:2002:RCM


Dingsoyr:2002:KMM


Dybaa:2002:ESP

REFERENCES

Anonymous:2003:I


Beecham:2003:SPI


Hanebutte:2003:TSA


Giraudo:2003:DCE


Lindvall:2003:EBP


Briand:2003:Ia


Pighin:2003:FTP


Stensrud:2003:FEI


[196] Thomas Thelin, Per Runeson, Claes Wohlin, Thomas Olsson, and Ca-
REFERENCES


Carver:2004:IBE


Petre:2004:FHS


Ahonen:2004:IOM


Jorgensen:2004:RMS


Molokken-Ostvold:2004:GPS


Muller:2004:RAP


Sharp:2004:ESX


Anonymous:2005:1a

REFERENCES


Khoshgoftaar:2005:ANT


McDonald:2005:IPP


Song:2005:SNS


Anonymous:2005:Ip


Damian:2005:RED


Anda:2005:IRU


Lethbridge:2005:SSE


Sharp:2005:UMA

[225] Helen Sharp, Mark Woodman, and Fiona Hovenden. Using metaphor to analyse qualitative data: Vulcans and
Zettel:2005:MSC


Anonymous:2005:Ic


Do:2005:SCE


Vegas:2005:CSS


Verelst:2005:ILA


Takagi:2005:EAC


Segal:2005:WSE

Anonymous:2006:Ia


Ellims:2006:EUT


Do:2006:PJT


Goseva-Popstojanova:2006:ECS


Sinha:2006:EEH

Avik Sinha and Carol Smidts. An experimental evaluation of a higher-


Mantyla:2006:SES


Li:2006:ESV


Jonsson:2006:BNN


Briand:2006:I


Hayes:2006:IVA


Carver:2006:COT


Subramanian:2006:ESE


[262] Victor R. Basili, Marvin V. Zelkowitz, Dag I. K. Sjöberg, Philip Johnson,
REFERENCES


Briand:2007:Ib


Yu:2007:UCC


Zhang:2007:SED


Xiao:2007:EEO


Andersson:2007:RES


Briand:2007:Ic


Kirk:2007:IAP


Counsell:2007:QMD

[270] Steve Counsell, George Loizou, and Rajaa Najjar. Quality of manual data

Moser:2007:EAC


Milewski:2007:GTE


Briand:2007:Id


Li:2007:PA


Lawrie:2007:QIQ


Melton:2007:ESC


Lindvall:2007:EST


REFERENCES


Muller:2007:EET


Wojcicki:2007:MIG


Kommeren:2007:PEG


Maldonado:2008:I


Mendes:2008:RSC


Babar:2008:CDF


Li:2008:AAW

[292] Barbara Kitchenham, Hiyam Alkhilidar, Muhammed Ali Babar, Mike Berry, Karl Cox, Jacky Keung, Felicia

Kitchenham:2008:EGR


REFERENCES


[Briand:2008:Ib]

[Dittrich:2008:CMD]

[Moses:2008:TCM]

[Nagappan:2008:RQI]

[Briand:2008:Ic]

[Hennessey:2008:AER]

[Budgen:2008:PSE]
David Budgen, Barbara A. Kitchenham, Stuart M. Charters, Mark...


A. Güneş Koru, Khaled El Emam, Dongsong Zhang, Hongfang Liu, and Divya Mathew. Theory of relative

Sim:2008:GEI


Falke:2008:EEC


Knodel:2008:ERG


Lormans:2008:ICS


Kapser:2008:CCH


Etzkorn:2009:SI


Poshyvanyk:2009:UIR


Diehl:2009:GEI


Gonzalez-Barahona:2009:MLS


Pan:2009:TUB


Voinea:2009:VQA


Smith:2009:GAA


Huynh:2009:AVE


vonWangenheim:2009:EEE


Lee:2009:SAE

[336] Jihyun Lee, Sungwon Kang, and Chang-Ki Kim. Software architec-

Koch:2009:EES


Koch:2009:EES


Dieste:2009:DSS


Turhan:2009:RVC


Lam:2009:EDA


El-Attar:2009:SBE


Li:2009:SNL

Cruz-Lemus:2009:AUU


Gulesir:2009:EET


Thummalapenta:2010:ESM


Carver:2010:CIS


Azzeh:2010:FGR


Smite:2010:EEG


Zou:2010:IAR

[350] Xuchang Zou, Raffaella Settimi, and Jane Cleland-Huang. Improving automated requirements trace re-
References

Hata:2010:FPM


Benestad:2010:UCD


Lee:2010:DAP


Hackbarth:2010:ASS


Falessi:2010:AES


Weyuker:2010:CES


Gokhale:2010:MMS

[357] Swapna S. Gokhale and Robert E. Mullen. A multiplicative model of...


REFERENCES


Bate:2011:WAM


Durillo:2011:SBO


Garvin:2011:EIM


Marchetto:2011:USB


Kpodjedo:2011:DEM


Bannerman:2011:MCS


Corazza:2011:IUS

REFERENCES


[386] Laurie McLeod, Stephen G. Mac-

Sim:2011:GWS


Adolph:2011:UGT


Prechelt:2011:SRM


Arias:2011:PDS


Martens:2011:MCB


Wermelinger:2011:AAE


Li:2011:CMC

[393] Zude Li, Nazim H. Madhavji, Syed Shariyar Murtaza, Mechelle Gittens, Andriy V. Miransky, David Godwin, and Enzo Cialini. Characteristics of


REFERENCES


 REFERENCES


REFERENCES


REFERENCES


[472] Davide Fucci and Burak Turhan. On the role of tests in test-driven development: a differentiated and


[479] Jeff Offutt and Chandra Alluri. An industrial study of applying input

Linares-Vasquez:2014:UML


Barua:2014:WDT


Ljungkrantz:2014:ESC


Reinhartz-Berger:2014:CUB


Salleh:2014:IEP


Latorre:2014:SA


AlDallal:2014:POO

Jehad Al Dallal and Sandro Morasca. Predicting object-oriented class reusability using internal quality at-


[Lavazza:2014:ESC](#)


[Yamashita:2014:ACC](#)


[Ihme:2014:CIP](#)


[Osaiweran:2014:EIF](#)


[Lanubile:2014:RCT](#)


[Estler:2014:AVS](#)


[507] Márcio de O.Barros. An experimental evaluation of the importance of ran-


[514] Latifa Guerrouj, Massimiliano Di Penta, Yann-Gaël Guéhéneuc, and


REFERENCES


Polancic:2015:EIC

Martinez:2015:MSR

Misbhauddin:2015:UMR

Bettenburg:2015:MCC

DiPenta:2015:GESa

Bettenburg:2015:TIS

Khomh:2015:UIR

Hindle:2015:GMM


[542] José del Sagrado, Isabel M. del Águila, and Francisco J. Orellana. Multi-objective ant colony optimization for

Fraser:2015:FPA


Jabangwe:2015:EEL


Alegroth:2015:VGT


Robbes:2015:OOS


Fraser:2015:ASM


Kocaguneli:2015:TLE


Afzal:2015:EEE

REFERENCES


REFERENCES

Mantyla:2015:RRS


Wohlin:2015:TDM


Moreno-Lizaranzu:2015:FAR


Ceccato:2015:LSE


Bass:2015:HPO


Robillard:2015:RRA


McIntosh:2015:LSE

Cruzes:2015:CSS


Scanniello:2015:LAA


McZara:2015:SRP


Heeager:2015:OAD


Kechagia:2015:CAM


Rodrigues:2015:ECM


Al-Baik:2015:KAB

REFERENCES


Octaviano:2015:SAS


Anonymous:2016:AES


Khalili:2016:ESC


McBurney:2016:EST


Ryu:2016:VCB


Corazza:2016:WLI


Arnaoudova:2016:LAW
REFERENCES


REFERENCES


Scholtes:2016:ARL


Munir:2016:OIS


Damevski:2016:FSH


Robbes:2016:GES


Chen:2016:DCM


Haller:2016:SDS

REFERENCES


Maffort:2016:MAV


Jaafar:2016:EID


Baysal:2016:ITN


Adams:2016:ESI


Calefato:2016:AIR


Tu:2016:EIT

[612] Stuart McIlroy, Nasir Ali, Hammad Khalid, and Ahmed E. Hassan. Analyzing and automatically labelling the types of user issues that are
REFERENCES


[619] Stuart McIlroy, Nasir Ali, and Ahmed E. Hassan. Fresh apps: an empirical study of frequently-updated...

Dietrich:2016:WJD


Chen:2016:PRP


Assar:2016:UTC


Chatterji:2016:CCD


Kosti:2016:APS


Jonsson:2016:ABA


Bagheri:2016:FSI

[626] Ebrahim Bagheri, David Benavides, Klaus Schmid, and Per Runeson. Foreword to the special issue on empiri-
REFERENCES


Wang:2016:STC


Myllärniemi:2016:PVS


Sobernig:2016:QSA


Asadi:2016:EVI


Passos:2016:CVM


Becan:2016:BOK


[640] Feng Zhang, Audris Mockus, Iman Keivanloo, and Ying Zou. Towards


[654] Qi Luo, Aswathy Nair, Mark Grechanik, and Denys Poshyvanyk. FOREPOST: finding performance problems automatically with feedback-directed learn-

**Vitharana:2017:DPP**


**Niknafs:2017:IDK**


**Bao:2017:EAT**


**Charpentier:2017:RRC**


**Niu:2017:LRC**


**Cinneide:2017:ESB**

REFERENCES


O'Cinneide:2017:ESB


Chen:2017:CLP


Ye:2017:SDK


Kavaler:2017:SAO


Park:2017:ESS


Phannachitta:2017:SAS


Hassan:2017:ESE

[668] Safwat Hassan, Weiyi Shang, and Ahmed E. Hassan. An empirical study


REFERENCES


Falesi:2017:ENR


Zogaan:2017:ATS


Sharif:2017:EMS


Guo:2017:TTM


Robbes:2017:GEM


Behnamghader:2017:LSS


Wu:2017:ALI
REFERENCES


Jbara:2017:HPR


MacLeod:2017:DSS


Beller:2017:LLE


Vendome:2017:LUC


Shi:2017:MBS


Wu:2017:AQI


Li:2017:WLL


Stavropoulou:2017:CSW

Ioanna Stavropoulou, Marios Grigoriou, and Kostas Kontogiannis. Case study on which relations to use for...

**Assuncao:2017:MOR**


**Gharehyazie:2017:TDC**


**Li:2017:TJT**


**Herbold:2017:GVL**


**Menzies:2017:DIH**


**Martinez:2017:ARR**


**Mahmoud:2017:STM**

[711] Anas Mahmoud and Gary Bradshaw. Semantic topic models for source code


Richard F. Paige, Jordi Cabot, and

Dieste:2017:EEE


Jongeling:2017:NRW


Gil:2017:CBS


Sabane:2017:FBC


Menzies:2017:NRS


King:2017:LLU

REFERENCES


Assuncao:2017:RLA


Labunets:2017:MCS


Antinyan:2017:ECC


Noei:2017:SRM


Bezemer:2017:ESU


Xia:2017:WDD


Zhang:2017:DTC

REFERENCES


Hadar:2018:PDS


Kabinna:2018:ESL


daCosta:2018:ESI


Kula:2018:DDU


Huang:2018:ISA


Falessi:2018:ESE


REFERENCES


REFERENCES


[790] Jianmei Guo, Dingyu Yang, Norbert Siegmund, Sven Apel, Atrisha Sarkar,
REFERENCES


REFERENCES


REFERENCES


Saini:2018:CNC


Zhang:2018:FMA


Washizaki:2018:PTP


Bavota:2018:ISI


Moonen:2018:WEH


Binkley:2018:NSS


Kintis:2018:HEM

[810] Marinos Kintis, Mike Papadakis, Andreas Papadopoulos, Evangelos Valvis, Nicos Malevris, and Yves Le Traon. How effective are mutation testing tools? An empirical analysis of Java


Scanniello:2018:DSM

Kosar:2018:PCD

Nayebi:2018:ASM

Hannebauer:2018:DSH

Saborido:2018:GMM

Anonymous:2018:ENSb

Wu:2018:CLC


REFERENCES


[837] Simona Bernardi, Juan L. Domínguez, Abel Gómez, Christophe Joubert, José Merseguer, Diego Perez-Palacin, José I. Requena, and Alberto Romeu. A systematic approach for performance assessment using process mining. *Empi-
REFERENCES

Hu:2018:SCS


Mujahid:2018:ESA


Pano:2018:FAL


Laukkonen:2018:CRE


Stevanetic:2018:SAA


Grunbacher:2018:FSI


Quirchmayr:2018:SAR

[844] Thomas Quirchmayr, Barbara Paech,
REFERENCES


Ferrari:2018:DRD


Feldt:2018:FCU


Anonymous:2019:AES


Hu:2018:UHE


Anon:2019:SCS

[850] Hanyang Hu, Shaowei Wang, Cor-Paul Bezemer, and Ahmed E. Hassan. Studying the consistency of star ratings and reviews of popular free hybrid Android and iOS apps. *Empirical Soft-


Liu:2019:EFL


Stevens:2019:QDC


Gao:2019:SCR


McIntosh:2019:WCA


Bennin:2019:RVD


Wu:2019:HDD


Halin:2019:TTA

REFERENCES

152


Huang:2019:ESI


Malloy:2019:EAT


Mori:2019:BTB


Rahman:2019:MFT


Calefato:2019:EAB


Hindle:2019:PDB


Thongtanunam:2019:WCS


[891] Lin Tan and Abram Hindle. Guest editorial: Special section on mining


REFERENCES

Noei:2019:TPU


May:2019:GDP


binAli:2019:SIR


Mazuera-Rozo:2019:ASV


Ghaleb:2019:ESL


Zhao:2019:IPR


REFERENCES


REFERENCES


REFERENCES


[938] Xu Wang, Chunyang Chen, and Zhenchang Xing. Domain-specific machine
REFERENCES


REFERENCES


[951] Gemma Catolino, Fabio Palomba, Francesca Arcelli Fontana, Andrea De Lucia, Andy Zaidman, and Filomena Ferrucci. Improving change

...


[958] Barbara Kitchenham, Lech Madeyski, and Pearl Brereton. Meta-analysis for

Vale:2020:RBG


Chekam:2020:SFR


Yao:2020:LSU


Guo:2020:CCO


Brindescu:2020:EIM


Xiang:2020:GDO

REFERENCES


Allodi:2020:MAS


Zampetti:2020:ECB


Amreen:2020:AAL


Abdalkareem:2020:IUT


Amalio:2020:ESV


Sayagh:2020:WSY

REFERENCES

Rodriguez-Perez:2020:HBB

Patil:2020:PSD

DiPenta:2020:GES

Chen:2020:SFC

Vassallo:2020:HDE

Brito:2020:YBM


REFERENCES


REFERENCES


Koyuncu:2020:FMR


Robert:2020:VLO


Kamei:2020:GEM


Li:2020:CCD


Agrawal:2020:BSA


Siegmund:2020:PSI

REFERENCES

020-09806-x.pdf. See correction [1208].

Fakhoury:2020:MIL


Hu:2020:DCC


Vassallo:2020:EBY


Beyer:2020:WKQ


Li:2020:GLR


Danglot:2020:ABD

LaToza:2020:EPS


Cinque:2020:EAE


Lee:2020:BPG


Oliveira:2020:CCM


Bettaieb:2020:UML


Marques:2020:GSI


Engstrom:2020:HSE


REFERENCES


Morales:2020:RMH


Yao:2020:SPG


Biorn-Hansen:2020:EIP


Palomba:2020:RNR


Mills:2020:RBB


Sharafi:2020:PGC
Ponta:2020:DAM


Rios:2020:PPV


Kotti:2020:SSF


Krutauz:2020:DCR


Cotroneo:2020:CSS


Lee:2020:ESC


Rahman:2020:LCA

[1036] Akond Rahman, Effat Farhana, and Laurie Williams. The ‘as code’ activities: development anti-patterns


[1043] Ines Hajri, Arda Goknil, Fabrizio Pastore, and Lionel C. Briand. Automating system test case classification and prioritization for use case-driven testing in product lines. *Emp-
REFERENCES


[1049] Rodi Jolak, Maxime Savary-Leblanc, Manuela Dalibor, Andreas Wortmann, Regina Hebig, Juraj Vincur, Ivan Polasek, Xavier Le Pallec, Sébastien
REFERENCES


Gleirscher:2020:FMD


Xu:2020:MUH


Heumuller:2020:PPD


Kondo:2020:CCS


Wang:2020:BRA


daSilva:2020:CES

[1055] Rodrigo Fernandes Gomes da Silva, Chanchal K. Roy, Mohammad Masudur Rahman, Kevin A. Schneider, Klérisson Paixão, Carlos Eduardo de Carvalho Dantas, and Marcelo de Almeida Maia. CROKAGE: effective solution recommendation for programming tasks by leveraging crowd

Said:2020:MUS


Falessi:2020:NPO


Falessi:2020:CNP


Panicella:2020:EIR


Moslehi:2020:FLA


Ralph:2020:PP

[1061] Paul Ralph, Sebastian Baltes, Gianisa Adisaputri, Richard Torkar, Vladimir Kovalenko, Marcos Kalinowski, Nicole Novielli, Shin Yoo,
REFERENCES

181


Felipe Ebert, Fernando Castor, Nicole

Ramos-Gutierrez:2021:DCW


Wang:2021:CCA


Wang:2021:CCA


Wang:2021:CCA


Wang:2021:CCA


Wang:2021:CCA


Wang:2021:CCA


Chen:2021:DCB


Wu:2021:SOV


Temple:2021:EAG

REFERENCES


REFERENCES

Ma:2021:WCE

Yates:2021:CCT

Ye:2021:APA

Zerouali:2021:MDA

Pecorelli:2021:RTR

Gharibi:2021:AEE
[1093] Gharib Gharibi, Vijay Walunj, Raju Nekadi, Raj Marri, and Yugyung Lee. Automated end-to-end management of the modeling lifecycle in deep learn-
Liu:2021:ESI


Hoyos:2021:RFT


Choetkiertikul:2021:ARC


Santos:2021:CRR


Chinthanet:2021:LRA


Riom:2021:RVA

Soto-Valero:2021:CSB


Cashman:2021:EIO


Sleimi:2021:AFE


Santos:2021:FET


Spiegler:2021:ESC


Liebel:2021:EIE


Moraes:2021:OHM

João Pedro Moraes, Ivanilton Po-

**Pereira:2021:GLS**


**Anonymous:2021:AES**


**Hatamian:2021:PSA**


**Kim:2021:DIR**


**Foundjem:2021:RSS**


**Maipradit:2021:CWI**

Macho:2021:NBC


Wang:2021:BVF


Zhou:2021:SBH


Daun:2021:RSR


Veizaga:2021:SBC


Sorbo:2021:ECS


Novielli:2021:ASS


Zhang:2021:RDB

[120] Man Zhang, Bogdan Marculescu, and Andrea Arcuri. Resource and

Gote:2021:ATS


Daoudi:2021:LLR


Shrikanth:2021:APB


Duchien:2021:FSI


Quach:2021:ESU


Mohamad:2021:SAC


Rocco:2021:DRS

REFERENCES


**Tang:2021:USO**


**Timperley:2021:UIA**


**Wu:2021:GAT**


**Pimentel:2021:UIQ**


**Tuarob:2021:ATR**


**Wang:2021:PCM**


**Russo:2021:PWB**


REFERENCES


[1164] Luan P. Lima, Lincoln S. Rocha, and Matheus Paixao. Assessing ex-

Tian:2021:WED


Cheers:2021:ERS


Petrulio:2021:ILJ


Laaber:2021:ATC


Nugroho:2021:HPS


Zampetti:2021:SAT


Aranega:2021:RGT

REFERENCES


Yang:2021:WWR


Uddin:2021:ESI


Silva:2021:TMS


Liu:2021:HCP


Zhou:2021:WWH


Chen:2021:MRC


Rahman:2021:FRS


Liu:2022:ESR


Izquierdo:2022:ANC


Gold:2022:EMS


Luo:2022:TAR


Chen:2022:MTD


Wen:2022:QRC


Eisty:2022:DPP


[1215] Jinfeng Lin, Yalin Liu, and Jane Cleland-Huang. Information retrieval versus deep learning approaches for generating traceability...
Asad:2022:DAD


Ali:2022:PVS


Assuncao:2022:AMO


Izadi:2022:POP

Azuma:2022:ESS


Yang:2022:MPF


Li:2022:ESE


Amasaki:2022:ESA


Herbold:2022:STM


Heradio:2022:USS


Dabrowski:2022:AAR


REFERENCES


[1259] Fabiano Pecorelli, Savanna Lujan, and Andrea De Lucia. On the adequacy of static analysis warnings

**Ding:2022:CPT**


**Mondal:2022:RPR**


**Majumder:2022:RPV**


**Rahman:2022:WSD**


**Cazzola:2022:CTR**


**Goncalves:2022:DER**


[1274] Fang Liu, Ge Li, and Zhi Jin. A unified multi-task learning model for
REFERENCES


Mateus Lopes and Andre Hora. How and why we end up with complex meth-

**Ojdanic:2022:UCR**


**Callan:2022:HDA**


**Michelon:2022:ESS**


**Rahman:2022:WMC**


**Mariani:2022:GRA**


**Rehman:2022:NOC**


**Wessel:2022:QGI**

[1296] Mairieli Wessel, Alexander Serebrenik, and Marco A. Gerosa. Quality gatekeepers: investigating the effects of code review bots on pull request activities. *Empirical Software Engineer-


REFERENCES


**Hoppner:2022:ADD**


**Chowdhury:2022:RDC**


**Klotins:2022:TCB**


**Pasuksmit:2022:SPC**


**Bokhari:2022:HDE**


**Elder:2022:DRN**


**Patel:2022:SL**

Carka:2022:EAM

Sawadogo:2022:SLC

Horvath:2022:UCK

Loriot:2022:SLF

Zh:2022:ESQ

Widyasari:2022:RWP

Lamine:2022:USD


REFERENCES


Eisty:2022:TRS


Naeem:2022:PSI


Kondo:2022:ESI


Robles:2022:DEE


Lin:2022:UBM


Lima:2022:CEL


Sanchez:2022:MTW

**Li:2022:ISA**


**Muse:2022:FSD**


**Even-Mendoza:2022:CME**


**Abdi:2022:SAT**


**Han:2022:CSD**


**Zhang:2022:PRL**

REFERENCES


Laerte Xavier, João Eduardo Montandon, Fabio Ferreira, Rodrigo Brito, and Marco Tulio Valente. On the documentation of self-admitted technical debt in


Mehrpour:2023:CSA


Fu:2023:ESI


Ramasamy:2023:WAD


Hou:2023:SLR


Mondal:2023:APR


Aghayi:2023:CEI


Schurhoff:2023:ESS

REFERENCES


Wu:2023:LSO


Traini:2023:TEA


Young:2023:VSS


Nadi:2023:STP


Hora:2023:ECT


Kamienski:2023:ATD


Temple:2023:CCS


Dorn:2023:MUP


Herbold:2023:DTM


Alfayez:2023:WAA


Lukaszyk:2023:ESA


Falessi:2023:EDP


Napier:2023:EST


Pacheco:2023:WME


REFERENCES


REFERENCES

Karmakar:2023:JEJ


Ernst:2023:RRS


Abnane:2023:EEI


Blincoe:2023:PSI


Ramasamy:2023:VDS


Alfadel:2023:EAS


Bhatia:2023:TCT


Peng:2023:VEI

[1442] Kewen Peng, Christian Kaltenecker, Norbert Siegmund, Sven Apel, and
REFERENCES


Morovati:2023:BML


Zhong:2023:ESA


Caivano:2023:SED


Li:2023:AIS


Trautsch:2023:ASA


Nurwidyan:2023:IHV


Hayashi:2023:ISI

Shinpei Hayashi, Yann-Gaël Guéhéneuc, and Michel R. V. Chaudron. In-
REFERENCES


[1456] Noppadol Assavakamhaenghan, Supatsara Wattanakriengkrai, Naomichi Shimada, Raula Gaikovina Kula, Takashi

Torre:2023:DLT


Alazba:2023:DLA


Han:2023:CSC


Deiner:2023:ATG


Zaina:2023:WDS


daCosta:2023:SCT


Iannone:2023:RSW

Labunets:2023:NEB

Xiao:2023:MLC

Sultana:2023:CRO

Rahman:2023:ECS

Ozkan:2023:RDD

Guizzo:2023:ITM


Lan:2023:BAL


Petke:2023:PTL


Itzik:2023:DAM


Vidoni:2023:TTR


Sun:2023:UUG


Aman:2023:ADC


Masood:2023:WWL


REFERENCES

Alaboudi:2023:WCD

Piskachev:2023:CCS

Chen:2023:SDC

Sharma:2023:IDP

Ernst:2023:SDS

Wang:2023:MTR
REFERENCES


Song:2023:VRP


Kaleeswaran:2023:USE


Gao:2023:EES


Song:2023:ADA


Borstler:2023:DTA


Asare:2023:GCB


Shar:2023:ECF

[1511] Lwin Khin Shar, Biniam Fisseha Demissie, Mariano Ceccato, Yan Naing Tun, David Lo, Lingxiao Jiang, and


Yu:2023:ANT


Bree:2023:EEV


Weiss:2023:GDT


Gonzalez-Barahona:2023:SHL


Ribeiro:2023:IEC


Chakraborty:2023:WDU


Weeraddana:2023:ECE

Lin:2023:CVF


Kaltenecker:2023:PEC


Hartel:2023:OVE


Moreira:2023:ABI


Lavazza:2023:ESS


Keshani:2024:FFL


Castanyer:2024:WDD


REFERENCES


Guzman:2024:MGG


Bui:2024:AES


Guizzo:2024:MAE


Giordano:2024:AES


Ros:2024:TFA


Openja:2024:DEB


Babur:2024:LUA


[1567] Rui Rua and João Saraiva. A large-scale empirical study on mobile per-

**Hidellaarachchi:2024:IPR**


**Ahasanuzzaman:2024:UKU**


**Rahman:2024:EST**


**Zhu:2024:WAS**


**Hort:2024:SBA**


**Murali:2024:DIA**


**Felici:2024:HGS**

[1574] Riccardo Felici, Laura Pozzi, and Carlo A. Furia. HyperPUT: gen-
