Automatically [1280]. ArgoUML [1280]. ArgoUML-SPL
[1129, 1246]. Artifacts
[92, 262, 631, 861, 1052, 1079]. ask [1007].
asking [615]. AspectJ [797]. Assess
Assessment
Assessments [77, 972]. assignment
[625, 658, 1039, 1062]. assist [1014].
assistance [1006]. assisted [1140, 1162].
Associating [900]. Association [769].
Assumptions [24, 220]. Assurance
[362, 1126, 1145, 1249]. AST [1274].
AST-level [1274]. attack [858, 950, 1194].
attents [509]. attitudes [716].
atraction [79]. attribute [201].
Attributes [217, 302, 486, 544, 629, 651, 740].
attribution [886]. augmentation [333].
augmented [1235]. Augmenting [815].
Australian [195]. Authoring [112].
automata [926]. Automated
Automatic [578, 597, 644, 710, 822, 844, 851, 897, 903, 967, 1087, 1132, 1204].
Automatically
[480, 508, 543, 612, 654, 1096, 1192, 1276].
Automating [512, 1043]. Automation
[177, 1059]. automotive [864]. autonomy
[1148]. AutoRELAX [508]. avionics [702].
aware [359, 424, 775, 918, 1069].

BA [796]. back [1247]. backers [1115].
Background [203, 447]. backstage [1288].
bad [973, 1262, 1284]. balance [679].
balanced [1172]. Balancing [117, 873, 1045].
Bandit [1046]. BarrierFinder [1054].
barriers [423, 919, 1054]. base [728].
base-class [728]. Based
based [9, 74, 78, 148, 164, 237, 240, 284, 350, 443, 466, 483, 555, 576, 636, 647, 701, 704, 747, 760, 788, 817, 823, 844, 952, 961, 1042, 1091, 1120, 1165, 1175, 1185, 1278, 1284]. baseline
[956]. basis [298]. battery [1107]. Bayesian
[313, 439, 467]. be
424, 427, 718, 722, 877, 1154]. Beg [125].
Behavior [38, 361, 623, 799]. Behavioral
[380, 1009, 1075]. Behaviour [100, 858].
behind [423]. Being [238, 1134, 1161].
beliefs [1123]. benchmark [419, 952, 1009].
benchmark-based [952]. Benchmarking
[77, 250, 1204]. benchmarks [659, 1187].
benefit [336, 537]. Benefits
[195, 235, 280, 835, 1071, 1267]. Bertillonage
[462]. Best [46, 875, 1301]. best-answer
[875]. Better [831, 877, 1002, 1182].
Between
Beyond [1114]. bi [373]. bi-objective [373].
Bias [296, 899]. bilingual [1215]. binaries
[603, 604]. binomial [299]. Bisection [1270].
blobbed [1100]. blockchain [995, 1053].
blog [459]. Board [121]. Boosting
[582, 996]. born [978]. Borrow [125]. both
[987]. bots [994, 1296]. bottlenecks [828].
Bounties [953]. bounty [1115]. Brazil
[1031]. breaches [962]. break [1006].
Breaking [983, 1262]. breadth [1267].
Breathing [632]. Briand [41]. broke [983].


1053, 1056, 1059, 1060, 1067, 1088, 1128, 1135, 1166, 1172, 1187, 1191, 1207, 1213, 1218, 1231, 1239, 1259, 1260, 1266, 1268, 1274, 1276, 1281.

code [346, 382, 495, 555, 674, 792, 869, 888, 949, 950, 1153, 1192, 1224, 1256, 1282, 1296].

code-centric [519]. code-example [1191].

Code-Issue-Introducing [914].

code-removal [1268]. coding [580, 945, 947, 955, 1202].

Coevolution [631].

CoFI [464]. cognition [1252]. cognitive [582, 1004, 1266].

Cohesion [52, 661, 662].

collaborative [528, 706, 1086, 1107, 1132].

Collecting [82, 216, 1196]. Collection [224, 270, 487, 1230]. collections [689].

collective [1042, 1254]. collectives [1196].

colony [342]. colors [447]. combination [256].

combining [362, 495]. COMBO [1046].

come [1247]. command [1242].

command-line [1242]. comment [1005, 1128, 1189]. comment-edit [1128].

commentaries [848]. Commenting [890].

Comments [41, 42, 170, 171, 758, 893, 1189].

commerce [616]. Commercial [142, 143, 183]. commit [492, 1013, 1290].

commit-relevant [1290]. commits [911, 1009, 1099, 1206]. Commonly [86, 186].

communication [304, 337, 422, 916, 959, 1048, 1049, 1236].

communications [1232]. communities [459, 1041].

community [491, 531, 561, 623, 768, 889, 991]. Companies [172, 175, 423, 517, 852]. company [289, 339, 841, 928, 955, 1151, 1226].


comparisons [259, 488]. compatibility [620, 1063]. competing [1155].

competition [449]. compilation [330, 885].

compiler [271]. complaints [430, 838, 839].

completion [1274]. complex [1289].

complexities [1045]. complexity [14, 254, 739, 859]. Component [264, 391, 393, 559, 842, 1173, 1278].


Comprehensibility [483, 817].


compressors [1027]. computation [309].

Computer [17, 98, 422, 882, 1151, 1267].

Computer-Aided [17].

Computer-mediated [422].

Computerized [45]. computing [379, 1087]. concept [324, 572, 979, 1031].

concept-based [979]. Conceptual [230, 454, 622, 1303]. concern [805].

concerning [984]. concerns [1184].


configurations [1073]. configure [441, 1192]. Configuring [477].

confirmation [899]. conflict [798].


connectivity [1198]. consequences [1031].

considered [319]. Consistencies [57].

consistency [294, 750, 791, 838, 850, 1072].

consistent [302]. consolidation [244, 411].

constrained [374]. constraint [573, 650, 1046]. Constraints [113].


contact [1109]. Content [188, 887, 1169].


REFERENCES

[1020, 1045, 1179, 1281]. whether [857].
Which [703, 704]. while [543, 858].
whispers [1048, 1049]. whole [387, 547, 678].
whom [669]. Wikifying [1079]. wild [634].
within-company [339]. within-project [1057, 1058]. without [199]. word [297].
words [518]. Work [113, 116, 528, 624, 1062].
World [1017, 1088, 1204]. worth [870, 890].
written [934].
XML [943, 944]. XP [209].
Years [194]. Yes [139].
Zen [658]. Zen-ReqOptimizer [658].

References

Anonymous:1996:E


Jeffery:1996:FPS


Khoshgoftaar:1996:ISE


Frazier:1996:CAF


Briand:1996:AMT


Anonymous:1996:I

REFERENCES


REFERENCES


REFERENCES


Kemerer:1997:MPE


Porter:1997:FLA


Valett:1997:PUE


ElEmam:1997:QAR


Lindvall:1997:EIA


vonMayrhauser:1997:IOK


Morasca:1997:AQG


Ohlsson:1997:ERM
REFERENCES


Rosenberg:1997:PPQ


Rothermel:1997:ERT


Rosenblum:1997:LLR


Schneidewind:1997:NSS


Seaman:1997:SSM


Tryggeseth:1997:REI


Harrison:1997:IIb


Bowdidge:1997:HSE

[38] Robert W. Bowdidge and William G. Griswold. How software engineering tools organize programmer behavior during the task of data encapsulation.
30

REFERENCES


Lott:1997:CEE


Briand:1997:ECM


Zuse:1997:CPB


Briand:1997:RCP


Harrison:1997:ic


Brooks:1997:MAS


Silverman:1997:SSC


Cross:1998:CSD


Bilotta:1998:GSC


Fusaro:1998:ICS


Harrold:1998:ESC


Wiedenbeck:1998:CRS


Anonymous:1998:Ib

Anonymous:1998:VLE


MacDonald:1998:CTB


Harrison:1998:IAV


Khoshgoftaar:1998:CFP


Briand:1998:ESS


Anonymous:1998:Ic


Jeffery:1998:VPA


Sandahl:1998:ERE


Porter:1998:CDM


Runeson:1998:EEE


Raffo:1998:SPS


Scholtz:1999:ISI


Paterno:1999:EDU


Zhang:1999:PBU


Keenan:1999:UPT

REFERENCES

Harrison:1999:Ia

ElEmam:1999:BKI

Walkerden:1999:ESA

Khoshgoftaar:1999:CSO

Agresti:1999:ISI

Avritzer:1999:MAL

McGregor:1999:CMC

Elbaum:1999:SEC
[83] Sebastian G. Elbaum and John C. Munson. Software evolution and the

**Antoniol:1999:FPL**


**Harrison:1999:Ib**


**Gray:1999:SMD**


**Johnson:1999:CAP**


**Harrison:1999:ESS**


**Raffo:1999:ESA**


**Bennett:1999:ESE**

REFERENCES


Brooks:2000:HCI


Jeffrey:2000:IDA


Rainer:2000:EIS


Harrison:2000:lb


Singer:2000:ees


Wesslen:2000:res


vonMayrhauser:2000:aue


Gonzales:2000:css

REFERENCES


Anonymous:2001:WNM

Briand:2001:RCS

Khoshgoftaar:2001:COC

Laitenberger:2001:CED

Sim:2001:BBS

Anonymous:2001:La

Andrews:2001:EIE

Delamaro:2001:IMT
REFERENCES


Lethbridge:2001:MSE


Sieber:2001:YOR


Sieber:2001:PRS


Storey:2001:IEE


Davis:2001:WVV


Becker-Kornstaedt:2001:DSP


Harrison:2002:I


Bratthall:2002:CYT

Otero:2002:IEA


Kusumoto:2002:EEP


Land:2002:SGR


Anonymous:2002:IA


Baddoo:2002:SPI


Burkhardt:2002:OOP


Leung:2002:EME


Wieczorek:2002:ISC

Isabella Wieczorek. Improved software cost estimation — a robust and interpretable modelling method and a
REFERENCES


Anonymous:2002:ISE


Anonymous:2002:Ib


Deligiannis:2002:REI


Purchase:2002:EEA


Biffi:2002:URG


Anonymous:2002:IC


Khoshgoftaar:2002:UCF


Stringfellow:2002:EMS

REFERENCES


[175] Sarah Beecham, Tracy Hall, and Austen Rainer. Software process improvement problems in twelve soft-

Hanebutte:2003:TSA


Giraudo:2003:DCE


Lindvall:2003:EBP


Briand:2003:1a


Pighin:2003:FTP


Stensrud:2003:FEI


Mendes:2003:CSC

Succi:2003:IOS


Briand:2003:IB


Antoniol:2003:OOF


Khoshgoftaar:2003:FPM


Wohlin:2003:PAS


Thelin:2003:EEU


Briand:2003:IC


Khoshgoftaar:2003:ABP

Taghi M. Khoshgoftaar and Naem Seliya. Analogy-based practical clas-


[197] Forrest Shull, Manoel G. Mendoncça, Victor Basili, Jeffrey Carver,

Anonymous:2004:I


Vokac:2004:CEC


Chen:2004:OSC


Wohlin:2004:IDS


Khoshgoftaar:2004:CAS


Carver:2004:IBE

Petre:2004:FHS


Ahonen:2004:IOM


Jorgensen:2004:RMS


Molokken-Ostvold:2004:GPS


Muller:2004:RAP


Sharp:2004:ESX


Anonymous:2005:Ia


Molokken:2005:EEW

REFERENCES


 REFERENCES


REFERENCES


Ellims:2006:EUT


Do:2006:PJT


Goseva-Popstojanova:2006:ECS


Maldonado:2006:PBR


Syed-Abdullah:2006:IAM


Anonymous:2006:Ib


Sinha:2006:EEH

REFERENCES


Grindal:2006:ECS


Anonymous:2006:ESE


Briand:2007:Ia


Karlsson:2007:PWC


Waeselynck:2007:SAA


Li:2007:FMS


Basili:2007:PUE

Briand:2007:Ib

Yu:2007:UCC

Zhang:2007:SED

Xiao:2007:EEO

Andersson:2007:RES

Briand:2007:Ic

Kirk:2007:IAP

Counsell:2007:QMD


REFERENCES


Wojcicki:2007:MIG

Kommeren:2007:PEG

Maldonado:2008:I

Mendes:2008:RSC

Babar:2008:CDF

Li:2008:AA

Kitchenham:2008:EGR
REFERENCES

Briand:2008:IA


Jung:2008:ICP


Sentas:2008:SFA


Shull:2008:RRE


Kitchenham:2008:RRE


Miller:2008:TBK


Crespo:2008:BSR

REFERENCES

Briand:2008:Ib


Dittrich:2008:CMD


Moses:2008:TCM


Nagappan:2008:RQI


Pikkarainen:2008:IAP


Briand:2008:lc


Hennessy:2008:AER


Budgen:2008:PSE

REFERENCES

66

[308] Silvia T. Acuña, Marta Gómez, and Natalia Juristo. Towards understanding the relationship between team


REFERENCES


Sim:2008:GEI


Falk:2008:EEC


Knodel:2008:ERG


Lormans:2008:ICS


Kapser:2008:CCH


Etzkorn:2009:SII


Poshyvanyk:2009:UIR


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


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


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


REFERENCES


[Budgen:2011:RCP]


[Hofman:2011:BES]


[Juristo:2011:RNE]


[Zaidman:2011:SCE]


[Ivarsson:2011:MER]


[Posnett:2011:ESI]


[Dybå:2011:QRS]


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


REFERENCES


REFERENCES

Lammel:2013:UPP

Bettenburg:2013:SIS

Menzies:2013:PMS

Schulz:2013:PFD

Yo:2013:GTS
REFERENCES


REFERENCES


Parnin:2013:AUJ

Pagano:2013:HDO

Hindle:2013:ATN

Callau:2013:HWD

Davies:2013:SB

Canfora:2014:HCA

Pontes:2014:CMC

Offutt:2014:CSB


[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

Williams:2014:ESA

Biggers:2014:CLD

daSilva:2014:RES

Offutt:2014:ISA

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-

Prikladnicki:2014:DCG


Bardsiri:2014:FME


Gousios:2014:CQS


Nugroho:2014:IUM


Vasilescu:2014:VSW


Eyolfsen:2014:CBB


Ceccato:2014:FEA


Lavazza:2014:ESC


Yamashita:2014:ACC


Ihme:2014:CIP


Osaiweran:2014:EIF


Lanubile:2014:RCT


Estler:2014:AVS

REFERENCES

Moe:2014:OOI


Godfrey:2014:SIP


Jbara:2014:HMF


Siegmund:2014:MMP


Hanenberg:2014:ESI


DeLucia:2014:LSC


Fraser:2014:GES


deOBBarros:2014:EEI

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


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


REFERENCES


**DiPenta:2015:GESb**


**Mader:2015:DDB**


**Ali:2015:ESI**


**Hindle:2015:DTM**


**Lotufo:2015:MHB**


**Hermans:2015:DRC**


**delSagrado:2015:MOA**

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


REFERENCES


Mantyla:2015:RRS


Wohlin:2015:TDM


Moreno-Lizaranzu:2015:FAR


Ceccato:2015:LSE


Bass:2015:HPO


Robillard:2015:RRA


McIntosh:2015:LSE

REFERENCES


REFERENCES

Octaviano:2015:SAS


Anonymous:2016:AES


Khalili:2016:ESC


Arnaoudova:2016:LAW


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


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
REFERENCES


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


[Luo:2017:FFP] Qi Luo, Aswathy Nair, Mark Grechanik, and Denys Poshyvanyk. FOREPOST: finding performance problems automatically with feedback-directed learn-
REFERENCES


Cinéide: 2017: ESB


Chen: 2017: CLP


Ye: 2017: SDK


Park: 2017: ESS


Phannachitta: 2017: SAS


Hassan: 2017: ESE

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

117


REFERENCES


REFERENCES


Falessi:2017:ENR


Zogaan:2017:ATS


Sharif:2017:EMS


Guo:2017:TTM


Robbes:2017:GEM


Behnamghader:2017:LSS


Wu:2017:ALI
REFERENCES


**Assuncao:2017:MOR**


**Gharehyazie:2017:TDC**


**Li:2017:TJT**


**Mahmoud:2017:STM**

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


Richard F. Paige, Jordi Cabot, and
REFERENCES


REFERENCES


[Cristina Palomares:2017:RRR]


[Ayse Tosun:2017:IEE]


[Ruchika Malhotra:2017:ESS]


[Marco Kuhrmann:2017:PDL]


[Ville T. Heikkilä:2017:MRF]


[Emil Alégroth:2017:LTU]
### REFERENCES


REFERENCES


REFERENCES


REFERENCES


REFERENCES


ElMezouar:2018:TUB


Ricca:2018:ISB


Ajienka:2018:ESI


Guo:2018:DEP

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

Ali:2018:EAC


Tsikerdekis:2018:PCC


Kopec:2018:OAH


Borle:2018:AET


Arcuri:2018:ERA


Madeyski:2018:EST

Przybyłek:2018:ESI


Accioly:2018:USS


Danglot:2018:CAS


Anonymous:2018:ENSa


Aniche:2018:CSM


Sawant:2018:RDC


Rahimi:2018:EST


[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


[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. Requeno, and Alberto Romeu. A systematic approach for performance assessment using process mining. *Emp-
REFERENCES


Hu:2018:SCS


Mujahid:2018:ESA


Pano:2018:FAL


Laukkanen:2018:CRE


Stevanetic:2018:SAA


Grunbacher:2018:FSI

[844] Thomas Quirchmayr, Barbara Paech,
Roland Kohl, Hanno Karey, and Gu-  
nar Kasdepke. Semi-automatic rule-  
based domain terminology and soft-  
ware feature-relevant information ex-  
traction from natural language user  
manuas. Empirical Software Engi-  
nerning, 23(6):3630–3683, December  
2018. CODEN ESENFW. ISSN  
1382-3256 (print), 1573-7616 (elec-  
com/article/10.1007/s10664-018- 
9597-6.

Ferrari:2018:DRD


Jha:2018:UFS


Hu:2018:UHE


Feldt:2018:FCU


Anonymous:2019:AES


Hu: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
[871] Yonghui Huang, Daniel Alencar
da Costa, Feng Zhang, and Ying Zou.  
An empirical study on the issue reports with questions raised during the 
April 2019. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (elec-

Huang:2019:ESI

[872] Brian A. Malloy and James F. Power.  
An empirical analysis of the transition from Python 2 to Python 3. *Empirical 

Malloy:2019:EAT

[873] Toshiki Mori and Naoshi Uchihira.  
Balancing the trade-off between accuracy and interpretability in software 
2019. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (elec-

Mori:2019:BTB

[874] Md Tajmilur Rahman, Peter C. Rigby, 
and Emad Shihab. The modular and feature toggle architectures of 
2019. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (elec-

Rahman:2019:MFT

[875] Fabio Calefato, Filippo Lunubile, and 
Nicole Novielli. An empirical assessment of best-answer prediction 
April 2019. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (elec-

Calefato:2019:EAB

Preventing duplicate bug reports by continuously querying bug reports. 

Hindle:2019:PDB

[877] Patanamon Thongtanum, Wei-yi 
Shang, and Ahmed E. Hassan. Will 
this clone be short-lived? Towards a 
better understanding of the characteristics of short-lived clones. *Empirical 
Software Engineering*, 24(2):937–972, 
April 2019. CODEN ESNF. ISSN 1382-3256 (print), 1573-7616 (elec-

Thongtanum:2019:WCS
Ruangwan:2019:IHF


Malgonde:2019:EBM


Fernandez:2019:OSI


Shahin:2019:ESA


McChesney:2019:ETA


Chen:2019:WSP


Vera-Perez:2019:CSP


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


Medeiros:2019:IMC

Salman:2019:CET

Baum:2019:AWM

Rahman:2019:AQR

Kondo:2019:IFR
REFERENCES


REFERENCES

Huang:2019:RSU


Nelson:2019:LCM


Palomba:2019:SFR


Chaparro:2019:UBD


Castelluccio:2019:ESP


Anonymous:2019:ENSb


Gadient:2019:SCS


REFERENCES


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


REFERENCES

com/content/pdf/10.1007/s10664-019-09732-7.pdf. See [943].


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

**Vale:2020:RBG**


**Chekam:2020:SFR**


**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**
Rodriguez-Perez:2020:HBB


Patil:2020:PSD


DiPenta:2020:GES


Chen:2020:SFC


Vassallo:2020:HDE


Brito:2020:YBM

REFERENCES

Ahasanuzzaman:2020:CST


Tosun:2020:GES


Alahmadi:2020:CLP


Asamaki:2020:CVD


Dey:2020:DUI


Anonymous:2020:ENE


Mazuera-Rozo:2020:ITS

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

Hu:2020:HDC


Han:2020:WDP


Das:2020:CES


Pudlitz:2020:WTW


Vegas:2020:MPT


Pickerill:2020:PCG


Rousseau:2020:SPT

Morales:2020:RMH


Biorn-Hansen:2020:EIP


Palomba:2020:RNR


Yao:2020:SPG


Mills:2020:RBB


Sharafi:2020:PGC

REFERENCES


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

**Krishna:2020:LAA**


**Chapetta:2020:TEB**


**Aktas:2020:AIA**


**Jiarpakdee:2020:IAF**


**Alami:2020:TPA**


**Wang:2020:TFC**


**Hajri:2020:AST**

[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. *Empi-
Maipradit:2020:WII


Linaaker:2020:WSW


Ros:2020:DDS


Hunsen:2020:FCR


Jolak:2020:SEW


Jolak:2020:CSE

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


[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**


**Fallessi:2020:NPO**


**Fallessi: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


[1067] Felipe Ebert, Fernando Castor, Nicole

Ramos-Gutierrez:2021:DCW


Wang:2021:CCA


Kermansaravi:2021:IDA


Chen:2021:DCB


Wu:2021:SOV


Temple:2021:EAG

REFERENCES

Mondal:2021:ICM

Damasceno:2021:LSL

Shastri:2021:SAR

Fan:2021:WMP

Mahdavi-Hezaveh:2021:SDF

Nassif:2021:WSA

Lindohf:2021:SPL

Ahmed:2021:LLP


[1093] Gharib Gharibi, Vijay Walunj, Raju Nekadi, Raj Marri, and Yuguung Lee. Automated end-to-end management of the modeling lifecycle in deep learn-
REFERENCES


REFERENCES


[1106] 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

[1120] 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]


Aleti:2021:AME


Pellegrin:2021:TES


Quach:2021:EIF


Wang:2021:USL


Haakman:2021:ALM


Assi:2021:FFC


Izadi:2021:TRS

daCosta:2021:ERD


Nguyen-Duc:2021:ELS


Haq:2021:COT


Cogo:2021:ESS


Kuutila:2021:IDL


Vitui:2021:MML


Ulan:2021:WSM


Lima:2021:AEH


REFERENCES


[1193] Roland Croft, Yongzheng Xie, and Christoph Treude. An empiri-


REFERENCES


Liu:2022:ESR


Izquierdo:2022:ANC


Gold:2022:EMS


Luo:2022:TAR


Chen:2022:MTD


Wen:2022:QRC


Eisty:2022:DPP

REFERENCES


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

Hata:2022:GDE

Sonnekalb:2022:DSA

Assuncao:2022:AMO

Izadi:2022:POP
REFERENCES


**Azuma:2022:ESS**


**Yang:2022:MPF**


**Li:2022:ESE**


**Amasaki:2022:ESA**


**Herbold:2022:STM**


**Heradio:2022:USS**


**Dabrowski:2022:AAR**
Herbold:2022:PSF

Gao:2022:PFU

Parra:2022:CSA

Camilli:2022:MPM

Almulla:2022:LHS

Xiao:2022:PCA

Bjarnason:2022:ITC

Stol:2022:GSE


REFERENCES


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


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

Huang:2022:CUU


Fregnan:2022:WHM


Meloca:2022:CSA


Shin:2022:PSM


Sas:2022:EIA


Moreira:2022:OSS


Jebnoun:2022:CDL

Zhang:2022:SLP


Cazzola:2022:TRL


Saidani:2022:TBU


Tu:2022:DML


Walunj:2022:DPU


Uddin:2022:QSD


Abidi:2022:MLD


Lopes:2022:HWW

[1289] 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-


Sofía Ananieva, Sandra Greiner, and Ralf Reussner. A conceptual model for unifying variability in space and time: Rationale, validation, and illustrative applications. *Empirical Software Engineering*, 27(5):??,