A Bibliography of Publications in *Empirical Software Engineering*

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**Title word cross-reference**

- `#ifdef` [447, 1157].  
  - `#SAT` [1429].
- 1 [838]. 2 [838]. 4 + 1 [802].  
  - `++` [764].  
  - `F` [1356].  
  - `k` [250].  
  - `N` [1239].  
  - `φ` [1356].
- `measure` [1356].  
  - `nearest` [250].  
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  - `star` [838].
- 13th [315]. 19
  
  [989, 1109, 1134, 1139, 1287, 1342, 1405].
  - `1987` [57].
- 3 [872].  
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- '97 [65].
- `AB/BA` [796].  
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  - `ability` [408].  
  - `Abstract` [67].  
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- `academic` [795, 1077].  
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  - `accurate` [592, 1344].
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Tools [38, 114, 148, 226, 246, 323, 337, 527, 528, 573, 718, 726, 749, 810, 954, 982, 1119, 1166, 1190, 1192, 1264, 1397, 1406, 1430, 1452].
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Topic [460, 468, 633, 711, 816, 1156, 1181, 1408].
topics [481, 539, 1180, 1209, 1398]. TQL [1300].
Trace [279, 350, 686, 803].
traceability [323, 511, 537, 538, 681–685, 1215, 1231, 1246, 1256]. TraceLab [559].
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Tracing [706, 1109, 1195]. Tracking [697, 814, 882, 1023, 1029, 1157, 1284, 1332, 1373].
training-set [684]. traits [484].
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upgrades [561]. uplift [922]. Upstream [1329]. urgent [714]. Usability [72, 74, 75, 616].
Usable [73, 795]. Usage [114, 188, 196, 415, 682, 693, 700, 886, 988, 1032, 1191, 1369, 1406].
Usage-Based [188, 196, 1191]. usage-independent [988].
Used
REFERENCES


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

year [1342]. Years [194, 1371]. 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

Basili:1996:E
REFERENCES


Daly:1996:EID


Basili:1996:EIP


Sova:1996:ITP


Harrison:1996:I


ElEmam:1996:IMS


Lott:1996:RSE


Munson:1996:ETE

REFERENCES


Porter:1997:FLA


Valett:1997:PUE


ElEmam:1997:QAR


Lindvall:1997:EIA


vonMayrhauser:1997:IOK


Morasca:1997:AQG


Ohlsson:1997:ERM


Rosenberg:1997:PPQ

REFERENCES


Rothermel:1997:ERT


Rosenblum:1997:LLR


Schneidewind:1997:NSS


Seaman:1997:SSM


Tryggeseth:1997:REI


Harrison:1997:Ilb


Bowdidge:1997:HSE


Lott:1997:CEE

REFERENCES


Briand:1997:ECM


Zuse:1997:CPB


Briand:1997:RCP


Harrison:1997:lc


Brooks:1997:MAS


Silverman:1997:SSC


Kiper:1997:VDD

REFERENCES

Harrison:1997:PME

Harrison:1998:I

Harrison:1998:SWA

Johnson:1998:DEI

Briand:1998:UF

Anonymous:1998:Ja


Miller:1998:FES
REFERENCES


[62] F. MacDonald and J. Miller. A comparison of tool-based and paper-
REFERENCES


REFERENCES


**Harrison:1999:DME**


**Harrison:2000:Ja**


**Harrison:2000:EIE**


**Land:2000:UPR**


**Angelis:2000:STE**


**Brooks:2000:HCI**


**Jeffrey:2000:IDA**


[107] Martin Shepperd, Michelle Cartwright, and Gada Kadoda. On building prediction systems for software engineers.
REFERENCES


Berry:2000:IAS


Host:2000:USS


Phalp:2000:PRP


Lavazza:2000:RBE


Cox:2000:RCU


Brooks:2000:ELW


Maccari:2000:ECC

REFERENCES

Harrison:2000:Ic


Tichy:2000:HRE


Khoshgoftaar:2000:BMR


Regnell:2000:PRD


Dyba:2000:IMK


Anonymous:2001:WNM


Briand:2001:RCS


**Khoshgoftaar:2001:COC**


**Laitenberger:2001:CED**


**Sim:2001:BBS**


**Anonymous:2001:1a**


**Andrews:2001:EIE**


**Delamaro:2001:IMT**


**dAstous:2001:QMI**


REFERENCES


REFERENCES

Kusumoto:2002:EEP


Burkhardt:2002:OOP


Land:2002:SGR


Leung:2002:EME


Anonymous:2002:Ia


Wieczorek:2002:ISC


Anonymous:2002:ISE


Baddoo:2002:SPI

REFERENCES


[169] Oliver Laitenberger, Thomas Beil, and Thilo Schwinn. An industrial case

**Jorgensen:2002:CST**


**Angelis:2002:RCM**


**Dingsoyr:2002:KMM**

[172] Torgeir Dingsoyr. Knowledge management in medium-sized software con-


**Dybaa:2002:ESP**


**Anonymous:2003:I**


**Beecham:2003:SPI**


**Hanebutte:2003:TSA**

[176] Nadine Hanebutte, Carol S. Taylor, and Reiner R. Dumke. Techniques of

Giraudo:2003:DCE


Lindvall:2003:EBP


Briand:2003:IoA


Pighin:2003:FTP


Stensrud:2003:FEI


Mendes:2003:CSC


Succi:2003:IOS

REFERENCES


[Briand:2003:Ip]


[Antoniol:2003:OOFP]


[Khoshgoftaar:2003:FPM]


[Wohlin:2003:Pas]


[Thelin:2003:EEU]


[Briand:2003:Ip]


[Khoshgoftaar:2003:ABP]

[191] Stephen R. Schach, Bo Jin, Liguo Yu, Gillian Z. Heller, and Jeff Ofutt. Determining the distribution of


REFERENCES


Ahonen:2004:IOM


Jorgensen:2004:RMS


Molokken-Ostvold:2005:GPS


Kajko-Mattsson:2005:SDP


Muller:2004:RAP


Sharp:2004:ESX


Molokken:2005:EEW


Anonymous:2005:Ia
REFERENCES


**Reinhartz-Berger:2005:OVU**


**Succi:2005:EED**


**Briand:2005:I**


**Karahasano viae:2005:CFD**


**Svaenber:2005:IMI**


**Khoshgoftaar:2005:ANT**

REFERENCES

Song:2005:SNS


Lethbridge:2005:SSE


Anonymous:2005:Ib


Sharp:2005:UMA


Damian:2005:RED


Zettel:2005:MSC


Anda:2005:IRU


Anonymous:2005:IC


Do:2006:PJT


Goseva-Popstojanova:2006:ECS


Maldonado:2006:PBR


Syed-Abdullah:2006:IAM


Anonymous:2006:Ib


Sinha:2006:EEH


Karlstrom:2006:IAS

REFERENCES

Bunse:2006:UPR


Sfetsos:2006:IEP


ochDag:2006:ELT


Anonymous:2006:ESI


Hassan:2006:RDH


German:2006:ESF


Mantyla:2006:SES


Li:2006:ESV

Jonsson:2006:BNN


Briand:2006:I


Carver:2006:COT


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Subramanian:2006:ESE


Anda:2006:EIU

Anonymous:2006:ESE


Briand:2007:la


Karlsson:2007:PWC


Waeselynck:2007:SAA


Li:2007:FMS


Basili:2007:PUE


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Yu:2007:UCC

Zhang:2007:SED


Xiao:2007:EEO


Andersson:2007:RES


Briand:2007:ic


Kirk:2007:IAP


Counsell:2007:QMD


Moser:2007:EAC

REFERENCES


Mohagheghi:2007:QPE


Genero:2007:BMB


Tonella:2007:ESR


Briand:2007:If


Yeh:2007:ESR


Muller:2007:EET


Wojcicki:2007:MIG


REFERENCES


Silvia T. Acuña, Marta Gómez, and Natalia Juristo. Towards understanding the relationship between team climate and software quality — a quasi-experimental study. Empirical Software Engineering, 13(4):??, August
REFERENCES


Masri:2008:EEC


Menzies:2008:ESI


Weyuker:2008:DTM


Jiang:2008:TEF


Fenton:2008:EEL


Koru:2008:TRD


Sim:2008:GEI

REFERENCES


DeLucia:2009:AIB


Cleary:2009:EAI


Gupta:2009:CSC


Hewett:2009:MSD


Runeson:2009:GCR


Sfetsos:2009:EIP


Diehl:2009:GEI

REFERENCES

[330] Jesus M. Gonzalez-Barahona, Gregorio Robles, Martin Michlmayr, Juan José Amor, and Daniel M. German. Macro-


[337] Stefan Koch. Exploring the effects of SourceForge.net coordination and com-
munication tools on the efficiency of open source projects using data en-
velopment analysis. Empirical Software Engineering, 14(4):??, August
2009. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (elec-


[344] José A. Cruz-Lemus, Marcela Genero, M. Esperanza Manso, Sandro Morasca, and Mario Piattini. Assessing the understandability of UML statechart diagrams with composite states — a

Gulesir:2009:EET


Thummalapenta:2010:ESM


Carver:2010:CIS


Azzeh:2010:FGR


Smite:2010:EEG


Zou:2010:IAR


Hata:2010:FPM

[351] Hideaki Hata, Osamu Mizuno, and Tohru Kikuno. Fault-prone module

**Benestad:2010:UCD**


**Lee:2010:DAP**


**Hackbarth:2010:ASS**


**Falessi:2010:AES**


**Weyuker:2010:CES**


**Gokhale:2010:MMS**


**Williams:2010:GES**


[387] Susan Elliott Sim and Thomas A. Alsopagh. Getting the whole story: an experience report on analyzing data

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---


---


---


---

Muhammad Ali Babar, Patricia Lago, and Arie Van Deursen. Empirical re-

Robillard:2011:FSA


Gonzales:2011:EUR


Revelle:2011:UST


Herbold:2011:COT


Menzies:2012:SIR


Murphy:2012:DBG


Myrtveit:2012:VRE

Nikolaos Mittas and Lefteris Angelis.  
A permutation test based on regression error characteristic curves for software cost estimation models.  

Burak Turhan.  
On the dataset shift problem in software engineering prediction models.  

Jesus M. González-Barahona and Gregorio Robles.  
On the reproducibility of empirical software engineering studies based on data retrieved from development repositories.  

Hongmin Lu, Yuming Zhou, Baowen Xu, Hareton Leung, and Lin Chen.  
The ability of object-oriented metrics to predict change-proneness: a meta-analysis.  
Khomh:2012:ESI


Kosar:2012:PCD


Wnuk:2012:REL


Ekanayake:2012:TVD


Shin:2012:UCS


Bajracharya:2012:AMC

REFERENCES

Hattori:2012:RCO


Whitehead:2012:ISI


Rahman:2012:CWS


DAmbros:2012:EDP


McIntosh:2012:EJB


Hoda:2012:DGT


Calefato:2012:CMC


Pikkarainen:2012:SBB

[423] Minna Pikkarainen, Outi Salo, Raija Kuusela, and Pekka Abrahamsson. Strengths and barriers behind the


Holbrook:2013:SMT


Antoniol:2013:PSI


Zaidman:2013:UAA


Binkley:2013:IIS


Dit:2013:IIR


Lammel:2013:UPP


Bettenburg:2013:SIS

REFERENCES


REFERENCES


empirically based terminology and taxonomy for global software engineering. 


**Okutan:2014:SDP**


**Thomas:2014:STC**


**Lee:2014:MSE**


**Albayrak:2014:IIF**


**Carver:2014:RSE**


**Fucci:2014:RTT**


**Itkonen:2014:TCN**

Gomez:2014:RQE


Apa:2014:EDF


Williams:2014:ESA


Biggers:2014:CLD


daSilva:2014:RES


Offutt:2014:ISA


Linares-Vasquez:2014:UML

[480] Mario Linares-Vásquez, Collin McMillan, Denys Poshyvanyk, and Mark
REFERENCES

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Barua:2014:WDT


Ljungkrantz:2014:ESC


Reinhartz-Berger:2014:CUB


Salleh:2014:IEP


Latorre:2014:SAT


AlDallal:2014:POO


Prikladnicki:2014:DCG

[487] Rafael Prikladnicki, Alexander Boden, Gabriela Avram, Cleidson R. B. de Souza, and Volker Wulf. Data collection in global software engineering re-

Bardsiri:2014:FME


Gousios:2014:CQS


Nugroho:2014:IUM


Vasilescu:2014:VSW


Eyolfson:2014:CBB


Ceccato:2014:FEA


Lavazza:2014:ESC

[494] Luigi Lavazza. An evaluation of the statistical convertibility of function points

Yamashita:2014:ACC


Ihme:2014:CIP


Osaiweran:2014:EIF


Lanubile:2014:RCT


Estler:2014:AVS


Moe:2014:OOI


Godfrey:2014:SIP

[501] Michael W. Godfrey and Arie van Deursen. Special issue on program

Jbara:2014:HMF


Siegmund:2014:MMP


Hanenberg:2014:ESI


DeLucia:2014:LSC


Fraser:2014:GES


deOBarros:2014:EEI


Fredericks:2014:AAR

REFERENCES


[515] Emily Hill, David Binkley, Dawn Lawrie, Lori Pollock, and K. Vijay-Shanker. An empirical study of iden-
References


Al-Baik:2014:WIE

Shang:2015:SRB

Abelein:2015:UIU
[525] Ulrike Abelein and Barbara Paech. Understanding the influence of user participation and involvement on system success — a systematic mapping study.


Jurkiewicz:2015:HBI

Ko:2015:PGC

Polancic:2015:EIC
REFERENCES

Martinez:2015:MSR


Misbhauddin:2015:UMR


Bettenburg:2015:MCC


DiPenta:2015:GESa


Bettenburg:2015:TIS


Khomh:2015:UIR


Hindle:2015:GMM


DiPenta:2015:GESb

[536] Massimiliano Di Penta and Jonathan I. Maletic. Guest editorial: special section on software maintenance and

Mader:2015:DDB


Ali:2015:ESI


Hindle:2015:DTM


Lotufo:2015:MHB


Hermans:2015:DRC


delSagrado:2015:MOA


Fraser:2015:FPA

[543] Gordon Fraser and Andrea Arcuri. 1600 faults in 100 projects: automatically finding faults while achieving
REFERENCES


DiGiuseppe:2015:FDF


Petersen:2015:EIO


Sanos:2015:FEI


Bavota:2015:TSR


Yang:2015:CMC


Wu:2015:IIC


Siegmund:2015:CPP


REFERENCES


REFERENCES

Scanniello:2015:LAA


McZara:2015:SRP


Heeager:2015:OAD


Kecagia:2015:CAM


Rodrigues:2015:ECM


Al-Baik:2015:KAB


Octaviano:2015:SAS

REFERENCES

Anonymous:2016:AES


Khalili:2016:ESC


McBurney:2016:EST


Ryu:2016:VCB


Corazza:2016:WLI


Arnaoudova:2016:LA


Guo:2016:ECT


REFERENCES


[599] Ingo Scholtes, Pavlin Mavrodiev, and Frank Schweitzer. From Aristotle to Ringelmann: a large-scale analysis of team productivity and coordination in
REFERENCES


Munir:2016:OIS


Damevski:2016:FSH


Robbes:2016:GES


Chen:2016:DCM


Haller:2016:SDS


Walkinshaw:2016:IEF


Maffort:2016:MAV

Cristiano Maffort, Marco Tulio Valentino, Ricardo Terra, Mariza Bigonha, Nicolas Anquetil, and André Hora. Mining architectural violations from version history. Empirical Software Engineering, 21(3):854–895, June 2016. CODEN ESENFW. ISSN

Jaafar:2016:EID


Baysal:2016:ITN


Adams:2016:ESI


Calefato:2016:AIR


Tu:2016:EIT


McIlroy:2016:AAL

REFERENCES


REFERENCES


[627] Shuai Wang, Shaukat Ali, Arnaud Gotlieb, and Marius Liaaen. A sys-


[627] Shuai Wang, Shaukat Ali, Arnaud Gotlieb, and Marius Liaaen. A sys-


REFERENCES


REFERENCES


REFERENCES


REFERENCES

Falesi:2017:ENR


Zogaan:2017:ATS


Sharif:2017:EMS


Guo:2017:TTM


Robbes:2017:GEM


Behnamghader:2017:LSS


Wu:2017:ALI

Choetkiertikul:2017:PDI


Coelho:2017:EHB


Munaiah:2017:DBF


Sawant:2017:FGF


Spinellis:2017:RUH


Caneill:2017:DDT


Oliveto:2017:GEP


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


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


[724] Richard F. Paige, Jordi Cabot, and
REFERENCES


REFERENCES


REFERENCES

Assuncao:2017:RLA


Labunets:2017:MCS


Antinyan:2017:ECC


Noei:2017:SRM


Bezemer:2017:ESU


Xia:2017:WDD


Zhang:2017:DTC

REFERENCES


Munaiah:2017:CGE


Li:2018:GAB


Scavuzzo:2018:ECB


Zhang:2018:SSB


Chari:2018:IIN


Munir:2018:OIU


Ali:2018:ACS

REFERENCES


Hadar:2018:PDS


Kabinna:2018:ESL


daCosta:2018:ESI


Kula:2018:DDU


Huang:2018:ISA


Falessi:2018:ESE


[764]


[765]


[766]


[767]

REFERENCES


REFERENCES

Bao:2018:IDA


Calefato:2018:SPD


Morrison:2018:VDR


Chowdhury:2018:ESA


Tamburri:2018:GMS


Arif:2018:ESD


Bagherzadeh:2018:ADL


Wang:2018:UFF


Ribeiro:2018:CPS


Gupta:2018:RUI


ElMezouar:2018:TUB


Ricca:2018:ISB


Ajienka:2018:ESI


Guo:2018:DEP

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


Przybyl:2018:ESI


Accioly:2018:USS


Danglot:2018:CAS


Anonymous:2018:ENSa


Aniche:2018:CSM


Sawan: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


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


[844] Thomas Quirchmayr, Barbara Paech,
Roland Kohl, Hannes Karey, and Gu- 
nar Kasdepke. Semi-automatic rule- 
based domain terminology and soft-
ware feature-relevant information ex-
traction from natural language user 
manu als. Empirical Software En-
ingineering, 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

[845] Alessio Ferrari, Gloria Gori, Benedetta 
Rosadini, Iacopo Trotta, Stefano 
Bacherini, Alessandro Fantechi, and 
Stefania Gnesi. Detecting requirements 
defects with NLP patterns: an indus-
trial experience in the railway domain. 
Empirical Software Engineering, 23(6): 
3684–3733, December 2018. CODEN 
ESENFW. ISSN 1382-3256 (print), 
1573-7616 (electronic). URL http:
//link.springer.com/article/10.
1007/s10664-018-9596-7.

Jha:2018:UFS

[846] Nishant Jha and Anas Mahmoud. Us-
ing frame semantics for classifying and 
summarizing application store reviews. 
Empirical Software Engineering, 23(6): 
3734–3767, December 2018. CODEN 
ESENFW. ISSN 1382-3256 (print), 
1573-7616 (electronic). URL http:
//link.springer.com/article/10.
1007/s10664-018-9605-x.

Hu:2018:UHE

[847] Wenhua Hu, Jeffrey C. Carver, Vaib-
hav Anu, Gursimran S. Walia, and 
Gary L. Bradshaw. Using human er-
ror information for error prevention. 
Empirical Software Engineering, 23(6): 
3768–3800, December 2018. CODEN 
ESENFW. ISSN 1382-3256 (print), 
1573-7616 (electronic). URL http:
//link.springer.com/article/10.

Feldt:2018:FCU

[848] Robert Feldt, Thomas Zimmermann, 
Gunnar R. Bergersen, Davide Fallesi, 
Andreas Jedlitschka, Natalia Juristo, 
Jürgen Münch, Markku Oivo, Per 
Runeson, Martin Shepperd, Dag I. K. 
Sjøberg, and Burak Turhan. Four 
commentaries on the use of students 
and professionals in empirical soft-
ware engineering experiments. Empiri-
cal Software Engineering, 23(6): 
3801–3820, December 2018. CODEN 
ESENFW. ISSN 1382-3256 (print), 
1573-7616 (electronic). URL http:
//link.springer.com/article/10.
1007/s10664-018-9655-0; http:
//link.springer.com/content/pdf/
10.1007/s10664-018-9655-0.pdf.

Anonymous:2019:AES

[849] Anonymous. Appreciation to Empiri-
cal Software Engineering Reviewers of 
2018. Empirical Software Engineering, 
24(1):1–6, February 2019. CODEN 
ESENFW. ISSN 1382-3256 (print), 
1573-7616 (electronic). URL http:
//link.springer.com/article/10.
1007/s10664-019-09680-2; http:
//link.springer.com/content/pdf/

Hu:2019:SCS

[850] Hanyang Hu, Shaowei Wang, Cor-
paul Bezem er, and Ahmed E. Hassan. 
Studying the consistency of star rat-
ings and reviews of popular free hybrid 
Android and iOS apps. Empirical Soft-


REFERENCES


Stevens:2019:QDC


Gao:2019:SCR


McIntosh:2019:WCA


Bennin:2019:RVD


Wu:2019:HDD


Halin:2019:TTA


REFERENCES


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


REFERENCES


Medeiros:2019:IMC


Salman:2019:CET


Baum:2019:AWM


An:2019:ESD


Casalnuovo:2019:SDB


Rahman:2019:AQR

REFERENCES


Noei:2019:TPU


May:2019:GDP


binAli:2019:SIR


Mazuera-Rozo:2019:ASV


Ghaleb:2019:ESL


Zhao:2019:IPR

Yan:2019:CIR


Cruz:2019:CEP


Ragkhitwetsagul:2019:SSI


Chen:2019:ESL


Li:2019:AOP


Bjarnason:2019:IRT


Anonymous:2019:ENSa

Huang:2019:RSU


Nelson:2019:LCM


Palomba:2019:SFR


Chaparro:2019:UBD


Castelluccio:2019:ESP


Anonymous:2019:ENSb


Gadient:2019:SCS

Binkley:2019:CTL


Liva:2019:SDE


Bowes:2019:GES


Minku:2019:NOS


Coppola:2019:SGT


Panichella:2019:GES


Farias:2019:DSC

Al-Subaihin:2019:ECT


Martens:2019:TUD


Mateus:2019:ESQ


Zeng:2019:SCL


Liu:2019:DCD


Afjehei:2019:ICD


Wang:2019:DSM

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

Carvalho:2019:ECC


Khanmohammadi:2019:ESA


See correction [944].

Jan:2019:CSB


Jan:2019:SBM


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

Soltani:2020:BBE


Zhou:2020:BTQ


Ranganath:2020:FAA


Ochodek:2020:RLC


Razzaq:2020:EAB


Li:2020:WDG


Kitchenham:2020:MAF

[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


REFERENCES


REFERENCES


Koyuncu:2020:FMR


Robert:2020:VLO


Kamei:2020:GEM


Li:2020:CCD


Agrawal:2020:BSA


Siegmund:2020:PSI

REFERENCES


LaToza:2020:EPS


Cinque:2020:EAE


Lee:2020:BPG


Oliveira:2020:CCM


Bettaieb:2020:UML


Marques:2020:GSI


Engstrom:2020:HSE

REFERENCES


Ponta:2020:DAM

Rios:2020:PPV

Kotti:2020:SSF

Krutauz:2020:DCR

Cotroneo:2020:CSS

Lee:2020:ESC

Rahman:2020:LCA
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


**Kondo:2020:CCS**


**Wang:2020:BRA**


**daSilva:2020:CES**

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, Gianna 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

Kermansaravii:2021:IDA

Chen:2021:DCB

Wu:2021:SOV

Temple:2021:EAG
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


REFERENCES


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-


[106] João Pedro Moraes, Ivanilton Po-


REFERENCES


REFERENCES

Tang:2021:USO


Timperley:2021:UIA


Wu:2021:GAT


Pimentel:2021:UIQ


Tuarob:2021:ATR


Wang:2021:PCM


Russo:2021:PWB


[1142] Boni García, Mario Munoz-Organero, and Carlos Delgado Kloos. Automated

**Tahir:2021:DCS**


**Olsson:2021:MAS**


**Bogner:2021:IPC**


**Ernst:2021:UPR**


**Rodriguez-Perez:2021:PDS**


**Moe:2021:FSS**


**Kim:2021:SLT**

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


REFERENCES


REFERENCES


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

198


Shu:2022:OAE


Li:2022:EYO


Zhou:2022:SDT


Escobar-Velasquez:2022:SEC


Wang:2022:DRE


Marques:2022:ISF


[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


Przybylek:2022:GBS


Ali:2022:PVS


Assuncao:2022:AMO


Izadi:2022:POP

Maliheh Izadi, Kiana Akbari, and Abbas Heydarnoori. Predicting the objective and priority of issue reports in software repositories. Empirical Software Engineering, 27(2):??, March 2022. CODEN ESENFW. ISSN 1382-3256 (print), 1573-7616 (electronic). URL https:
REFERENCES

Azuma:2022:ESS


Yang:2022:MPF


Li:2022:ESE


Amasaki:2022:ESA


Herbold:2022:STM


Heradio:2022:USS


Dabrowski:2022:AAR


Klaas-Jan Stol, Mario Schaarschmidt, and Shelly Goldblit. Gamification

Noei:2022:SGU


Hanenberg:2022:TST


Hu:2022:CIC


Pecorelli:2022:STA


Schroeder:2022:EIC


Pan:2022:TCS


Perera:2022:SBF


REFERENCES


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

Ding:2022:CPT


Ding:2022:CPT

Mondal:2022:RPR


Mondal:2022:RPR

Ochoa:2022:BBS


Ochoa:2022:BBS

Majumder:2022:RPV


Majumder:2022:RPV

Rahman:2022:WSD


Rahman:2022:WSD

Cazzola:2022:CTR


Cazzola:2022:CTR

Goncalves:2022:DER

Penzenstadler:2022:TDB

Ginelli:2022:CSC

Brandt:2022:DCT

Ocariza:2022:EBP

Baltes:2022:SSE

Shetty:2022:SMK

Tagra:2022:RRB

Liu:2022:UMT
[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


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


REFERENCES


Hoppner:2022:ADD


Chowdhury:2022:RDC


Klotins:2022:TCB


Pasuksmit:2022:SPC


Bokhari:2022:HDE


Elder:2022:DRN


Patel:2022:SLL

REFERENCES


REFERENCES


**DiGregorio:2022:MAA**


**Wu:2022:PQI**


**Henning:2022:CMB**


**Lee:2022:OPA**


**UlHaq:2022:CCO**


**Li:2022:GBF**


**Cassee:2022:SA**

REFERENCES


REFERENCES


Boutaib:2022:HUS


Feitelson:2022:CPR


Xia:2022:PHI


Aagren:2022:ASD


Tao:2022:LSE

REFERENCES


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


[1385] Arthur Kamienski, Abram Hindle, and Cor-Paul Bezemer. Analyzing techniques for duplicate question detection on Q&A Websites for game developers. *Empirical Software Engineer-
Hora:2023:ECT


Nadi:2023:STP


Young:2023:VSS


Traini:2023:TEA


Wu:2023:LSO


Schurhoff:2023:ESS


Aghayi:2023:CEI


REFERENCES


REFERENCES

Abyane:2023:TUQ


Yang:2023:ISA


Krasniqi:2023:MMF


Meidani:2023:AES


Shahin:2023:ADA


Pacheco:2023:WME


Napier:2023:EST

REFERENCES


REFERENCES


REFERENCES


