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Hanjalic, A.

**Software Visualization** (VISSOFT), 2013 First IEEE Working Conference on

DOI: 10.1109/VISSOFT.2013.6650525

Publication Year: 2013 , Page(s): 1 - 4

**IEEE CONFERENCE PUBLICATIONS**

### Magnify - A new tool for **software** visualization

Bartoszuk, C. ; Timoszuk, G. ; Dabrowski, R. ; Stencel, K.

Computer Science and Information Systems (FedCSIS), 2013 Federated Conference on

Publication Year: 2013 , Page(s): 1485 - 1488

**IEEE CONFERENCE PUBLICATIONS**

### IMMV: An interactive multi-matrix **visualization** for program comprehension

Abuthawabeh, A. ; Zeckzer, D.

**Software Visualization** (VISSOFT), 2013 First IEEE Working Conference on

DOI: 10.1109/VISSOFT.2013.6650549

Publication Year: 2013 , Page(s): 1 - 4

Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS**

### The CONCEPT project - applying source **code** analysis to reduce information complexity of **static** and dynamic **visualization** techniques

Rilling, J. ; Seffah, A. ; Bouthlier, C.

Visualizing **Software** for Understanding and **Analysis**, 2002. Proceedings. First International Workshop on

DOI: 10.1109/VISOF.2002.1019798

Publication Year: 2002 , Page(s): 90 - 99

Cited by: Patents (1)

**IEEE CONFERENCE PUBLICATIONS**

### A three-dimensional **visualization** tool for **software** fault analysis of a distributed system

Amari, H. ; Okada, M.

Systems, Man, and Cybernetics, 1999. IEEE SMC '99 Conference Proceedings. 1999 IEEE International Conference on

Volume: 4

DOI: 10.1109/ICSMC.1999.812399

Publication Year: 1999 , Page(s): 194 - 199 vol.4

**IEEE CONFERENCE PUBLICATIONS**

### Identifying Structural Features of Java Programs by Analysing the Interaction of Classes at Runtime

Smith, M.P. ; Munro, M.

Visualizing **Software** for Understanding and **Analysis**, 2005. VISSOFT 2005. 3rd IEEE International Workshop on

DOI: 10.1109/VISSOF.2005.1684316

Publication Year: 2005 , Page(s): 1

Cited by: Patents (5)

**IEEE CONFERENCE PUBLICATIONS**

---

#### **Animated **Visualization** of **Software** History using Evolution Storyboards**

Beyer, D. ; Hassan, A.E.

Reverse Engineering, 2006. WCRE '06. 13th Working Conference on

DOI: 10.1109/WCRE.2006.14

Publication Year: 2006 , Page(s): 199 - 210

Cited by: Papers (15)

**IEEE CONFERENCE PUBLICATIONS**

---

#### **Viewing Object-Oriented **Software** with MetricAttitude: An Empirical Evaluation**

Francese, R. ; Risi, M. ; Scanniello, G. ; Tortora, G.

Information Visualisation (IV), 2014 18th International Conference on

DOI: 10.1109/IV.2014.42

Publication Year: 2014 , Page(s): 59 - 64

**IEEE CONFERENCE PUBLICATIONS**

---

#### **Case study: Visual analytics in **software** product assessments**

Telea, A. ; Voinea, L.

Visualizing **Software** for Understanding and **Analysis**, 2009. VISSOFT 2009. 5th IEEE International Workshop on

DOI: 10.1109/VISSOF.2009.5336417

Publication Year: 2009 , Page(s): 65 - 72

Cited by: Papers (4)

**IEEE CONFERENCE PUBLICATIONS**

---

#### **Seesoft-a tool for visualizing line oriented **software** statistics**

Eick, S.G. ; Steffen, J.L. ; Sumner, E.E., Jr.

**Software** Engineering, IEEE Transactions on

Volume: 18 , Issue: 11

DOI: 10.1109/32.177365

Publication Year: 1992 , Page(s): 957 - 968

Cited by: Papers (98) | Patents (18)

**IEEE JOURNALS & MAGAZINES**

---

#### **Runtime visualisation of object oriented **software****

Smith, M.P. ; Munro, M.

Visualizing **Software** for Understanding and **Analysis**, 2002. Proceedings. First International Workshop on

DOI: 10.1109/VISSOF.2002.1019797

Publication Year: 2002 , Page(s): 81 - 89

Cited by: Papers (4) | Patents (6)

**IEEE CONFERENCE PUBLICATIONS**

---

#### **Monitoring compliance of a **software** system with its high-level design models**

Sefika, M. ; Sane, A. ; Campbell, R.H.

**Software** Engineering, 1996., Proceedings of the 18th International Conference on

DOI: 10.1109/ICSE.1996.493433

Publication Year: 1996 , Page(s): 387 - 396

Cited by: Papers (28) | Patents (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**Visualization of C++ Template Metaprograms**

Borók-Nagy, Z. ; Májer, V. ; Mihalicza, J. ; Pataki, N. ; Porkolab, Z.

Source **Code Analysis** and Manipulation (SCAM), 2010 10th IEEE Working Conference on

DOI: 10.1109/SCAM.2010.16

Publication Year: 2010 , Page(s): 167 - 176

**IEEE CONFERENCE PUBLICATIONS**

---

**Extendable object visualisation for **software** reengineering**

Muhlbacher, J.R. ; Dietmuller, P.R. ; Jobstl, M.

EUROMICRO Conference, 1999. Proceedings. 25th

Volume: 2

DOI: 10.1109/EURMIC.1999.794785

Publication Year: 1999 , Page(s): 229 - 236 vol.2

**IEEE CONFERENCE PUBLICATIONS**

---

**Visualizing Feature Interaction in 3-D**

Greevy, O. ; Lanza, M. ; Wysseier, C.

Visualizing **Software** for Understanding and **Analysis**, 2005. VISSOFT 2005. 3rd IEEE International Workshop on

DOI: 10.1109/VISSOF.2005.1684317

Publication Year: 2005 , Page(s): 1 - 6

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Design of a parser for real-time process algebra**

Jianhua Zhao ; Wang, Yingxu

Electrical and Computer Engineering, 2003. IEEE CCECE 2003. Canadian Conference on

Volume: 2

DOI: 10.1109/CCECE.2003.1226128

Publication Year: 2003 , Page(s): 1259 - 1262 vol.2

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Analyzing Java **software** by combining metrics and program **visualization****

Systa, T. ; Ping Yu ; Muller, H.

**Software** Maintenance and Reengineering, 2000. Proceedings of the Fourth European

DOI: 10.1109/CSMR.2000.827328

Publication Year: 2000 , Page(s): 199 - 208

Cited by: Papers (11) | Patents (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**K-scope: A Java-Based Fortran Source **Code** Analyzer with Graphical User Interface for Performance Improvement**

Terai, M. ; Murai, H. ; Minami, K. ; Yokokawa, M. ; Tomiyama, E.

Parallel Processing Workshops (ICPPW), 2012 41st International Conference on

DOI: 10.1109/ICPPW.2012.61

Publication Year: 2012 , Page(s): 434 - 443

**IEEE CONFERENCE PUBLICATIONS**

---

**Dynamic **Analysis** of **Software** Systems using Execution Pattern Mining**

Safyallah, H. ; Sartipi, K.

Program Comprehension, 2006. ICPC 2006. 14th IEEE International Conference on

DOI: 10.1109/ICPC.2006.19

Publication Year: 2006 , Page(s): 84 - 88

Cited by: Papers (13) | Patents (1)

**IEEE CONFERENCE PUBLICATIONS**

---

**A Combined **Software** Reconnaissance & **Static Analysis** Eclipse Visualisation Plug-in**

Cleary, B. ; Le Gear, A. ; Exton, C. ; Buckley, J.

Visualizing **Software** for Understanding and **Analysis**, 2005. VISSOFT 2005. 3rd IEEE International Workshop on

DOI: 10.1109/VISSOF.2005.1684319

Publication Year: 2005 , Page(s): 1 - 2

Cited by: Papers (1)

---

**IEEE CONFERENCE PUBLICATIONS**

---

**Support for **Static** Concept Location with sv3D**

Xinrong Xie ; Poshyvanyk, D. ; Marcus, A.

Visualizing **Software** for Understanding and **Analysis**, 2005. VISSOFT 2005. 3rd IEEE International Workshop on

DOI: 10.1109/VISOF.2005.1684315

Publication Year: 2005 , Page(s): 1 - 6

**IEEE CONFERENCE PUBLICATIONS**

---

**Move **code** refactoring with dynamic **analysis****

Kimura, S. ; Higo, Y. ; Igaki, H. ; Kusumoto, S.

**Software** Maintenance (ICSM), 2012 28th IEEE International Conference on

DOI: 10.1109/ICSM.2012.6405324

Publication Year: 2012 , Page(s): 575 - 578

**IEEE CONFERENCE PUBLICATIONS**

---

**An Eclipse plug-in for the detection of design pattern instances through **static** and dynamic **analysis****

De Lucia, A. ; Deufemia, V. ; Gravino, C. ; Risi, M.

**Software** Maintenance (ICSM), 2010 IEEE International Conference on

DOI: 10.1109/ICSM.2010.5609707

Publication Year: 2010 , Page(s): 1 - 6

Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS**

---

**Constellation **visualization**: Augmenting program dependence with dynamic information**

Fang Deng ; DiGiuseppe, N. ; Jones, J.A.

Visualizing **Software** for Understanding and **Analysis** (VISOFT), 2011 6th IEEE International Workshop on

DOI: 10.1109/VISOF.2011.6069453

Publication Year: 2011 , Page(s): 1 - 8

Cited by: Papers (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**Computation and **visualization** of cause-effect paths**

Dubey, A. ; Murthy, P.

Automation of **Software** Test (AST), 2013 8th International Workshop on

DOI: 10.1109/IWAST.2013.6595805

Publication Year: 2013 , Page(s): 139 - 145

**IEEE CONFERENCE PUBLICATIONS**

---

**Dynamic Trace-Based Data Dependency **Analysis** for Parallelization of C Programs**

Lazarescu, M.T. ; Lavagno, L.

Source **Code Analysis** and Manipulation (SCAM), 2012 IEEE 12th International Working Conference on

DOI: 10.1109/SCAM.2012.15

Publication Year: 2012 , Page(s): 126 - 131

**IEEE CONFERENCE PUBLICATIONS**

---

**Synchrovis: 3D **visualization** of monitoring traces in the city metaphor for analyzing concurrency**

Waller, J. ; Wulf, C. ; Fittkau, F. ; Dohring, P. ; Hasselbring, W.

**Software Visualization** (VISOFT), 2013 First IEEE Working Conference on

DOI: 10.1109/VISOFT.2013.6650520

Publication Year: 2013 , Page(s): 1 - 4

**IEEE CONFERENCE PUBLICATIONS**

---

---

**Detecting Security Vulnerabilities with Software Architecture Analysis Tools**

Karppinen, K. ; Lindvall, M. ; Yonkwa, L.

Software Testing Verification and Validation Workshop, 2008. ICSTW '08. IEEE International Conference on  
DOI: 10.1109/ICSTW.2008.14

Publication Year: 2008 , Page(s): 262 - 268

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Directions in modelling large-scale software architectures**

Grundy, John ; Hosking, J.

Software Methods and Tools, 2000. SMT 2000. Proceedings. International Conference on  
DOI: 10.1109/SWMT.2000.890418

Publication Year: 2000 , Page(s): 31 - 40

Cited by: Papers (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**Industrially validating longitudinal static and dynamic analyses**

Holmes, R. ; Notkin, D. ; Hancock, M.

User Evaluation for Software Engineering Researchers (USER), 2012

DOI: 10.1109/USER.2012.6226582

Publication Year: 2012 , Page(s): 43 - 44

Cited by: Papers (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**CPP2XMI: Reverse Engineering of UML Class, Sequence, and Activity Diagrams from C++ Source Code**

Korshunova, E. ; Petkovic, M. ; van den Brand, M.G.J. ; Mousavi, M.R.

Reverse Engineering, 2006. WCRE '06. 13th Working Conference on

DOI: 10.1109/WCRE.2006.21

Publication Year: 2006 , Page(s): 297 - 298

Cited by: Papers (6)

**IEEE CONFERENCE PUBLICATIONS**

---

**A Hybrid Query Engine for the Structural Analysis of Java and AspectJ Programs**

Ghanbari, H. ; Constantinides, C. ; Arnaoudova, V.

Reverse Engineering, 2008. WCRE '08. 15th Working Conference on

DOI: 10.1109/WCRE.2008.52

Publication Year: 2008 , Page(s): 133 - 137

**IEEE CONFERENCE PUBLICATIONS**

---

**SPLAT: a standard-to-standard real-time graphical scheduling and code generation tool**

Van Der Westhuizen, M.J. ; Harley, R.G. ; Levy, D.C.

Modeling, Analysis, and Simulation of Computer and Telecommunication Systems, 1995. MASCOTS '95., Proceedings of the Third International Workshop on

DOI: 10.1109/MASCOT.1995.378654

Publication Year: 1995 , Page(s): 432 - 435

**IEEE CONFERENCE PUBLICATIONS**

---

**Enhancing program comprehension with recovered state models**

Some, S.S. ; Lethbridge, T.C.

Program Comprehension, 2002. Proceedings. 10th International Workshop on

DOI: 10.1109/WPC.2002.1021325

Publication Year: 2002 , Page(s): 85 - 93

Cited by: Papers (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**Maintenance tools**

Oman, P. ; Novobilski, A. ; Rajlich, V. ; Harband, J. ; McCabe, T., Jr. ; Cross, J., II ; Vanek, L. ; Davis, L. ; Gallagher, K. ; Wilde, N.

Software, IEEE

Volume: 7 , Issue: 3

DOI: 10.1109/52.55229

Publication Year: 1990 , Page(s): 59 - 65

Cited by: Papers (10)

**IEEE JOURNALS & MAGAZINES**

---

**Combining static and dynamic analysis of concurrent programs**

Anger, F.D. ; Rodriguez, R.V. ; Young, M.

Software Maintenance, 1994. Proceedings., International Conference on

DOI: 10.1109/ICSM.1994.336786

Publication Year: 1994 , Page(s): 89 - 98

Cited by: Patents (2)

**IEEE CONFERENCE PUBLICATIONS**

---

**Alborz: An Interactive Toolkit to Extract Static and Dynamic Views of a Software System**

Sartipi, K. ; Ye, L. ; Safyallah, H.

Program Comprehension, 2006. ICPC 2006. 14th IEEE International Conference on

DOI: 10.1109/ICPC.2006.8

Publication Year: 2006 , Page(s): 256 - 259

Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS**

---

**Proceedings First International Workshop on Visualizing Software for Understanding and Analysis**

Visualizing Software for Understanding and Analysis, 2002. Proceedings. First International Workshop on

DOI: 10.1109/VISOF.2002.1019788

Publication Year: 2002

**IEEE CONFERENCE PUBLICATIONS**

---

**A lightweight visualization of interprocedural data-flow paths for source code reading**

Ishio, T. ; Etsuda, S. ; Inoue, K.

Program Comprehension (ICPC), 2012 IEEE 20th International Conference on

DOI: 10.1109/ICPC.2012.6240506

Publication Year: 2012 , Page(s): 37 - 46

**IEEE CONFERENCE PUBLICATIONS**

---

**YARN: Animating Software Evolution**

Hindle, A. ; Zhen Ming Jiang ; Koleilat, W. ; Godfrey, M.W. ; Holt, R.C.

Visualizing Software for Understanding and Analysis, 2007. VISOF 2007. 4th IEEE International Workshop on

DOI: 10.1109/VISOF.2007.4290711

Publication Year: 2007 , Page(s): 129 - 136

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**A Tool for Visual Understanding of Source Code Dependencies**

Pinzger, M. ; Grafenhain, K. ; Knab, P. ; Gall, H.C.

Program Comprehension, 2008. ICPC 2008. The 16th IEEE International Conference on

DOI: 10.1109/ICPC.2008.23

Publication Year: 2008 , Page(s): 254 - 259

Cited by: Papers (7)

**IEEE CONFERENCE PUBLICATIONS**

---

**Dynamic component program visualization**

Martin, L. ; Giesl, A. ; Martin, J.

Reverse Engineering, 2002. Proceedings. Ninth Working Conference on

DOI: 10.1109/WCRE.2002.1173086

Publication Year: 2002 , Page(s): 289 - 298

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Complexity-Aware Adaptive Preprocessing Scheme for Region-of-Interest Spatial Scalable Video Coding**

Grois, D. ; Hadar, O.

Circuits and Systems for Video Technology, IEEE Transactions on

Volume: 24 , Issue: 6  
DOI: 10.1109/TCSVT.2014.2302557  
Publication Year: 2014 , Page(s): 1025 - 1039  
**IEEE JOURNALS & MAGAZINES**

---

**Complexity-aware adaptive bit-rate control with dynamic ROI pre-processing for scalable video coding**

Grois, D. ; Hadar, O.  
Multimedia and Expo (ICME), 2011 IEEE International Conference on  
DOI: 10.1109/ICME.2011.6012110  
Publication Year: 2011 , Page(s): 1 - 4  
Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS****Empirical investigation of SEA-based dependence cluster properties**

Beszedes, A. ; Schrettner, L. ; Csaba, B. ; Gergely, T. ; Jasz, J. ; Gyimothy, T.  
Source **Code Analysis** and Manipulation (SCAM), 2013 IEEE 13th International Working Conference on  
DOI: 10.1109/SCAM.2013.6648178  
Publication Year: 2013 , Page(s): 1 - 10  
Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS****Feature identification: a novel approach and a case study**

Antoniol, G. ; Gueheneuc, Y.-G.  
**Software** Maintenance, 2005. ICSM'05. Proceedings of the 21st IEEE International Conference on  
DOI: 10.1109/ICSM.2005.48  
Publication Year: 2005 , Page(s): 357 - 366  
Cited by: Papers (24)

**IEEE CONFERENCE PUBLICATIONS****Identifying program, test, and environmental changes that affect behaviour**

Holmes, R. ; Notkin, D.  
**Software** Engineering (ICSE), 2011 33rd International Conference on  
DOI: 10.1145/1985793.1985844  
Publication Year: 2011 , Page(s): 371 - 380  
Cited by: Papers (4)

**IEEE CONFERENCE PUBLICATIONS****SIP: A Simple Tool for Inspecting and Evaluating WSDL Specifications**

Beron, M. ; Montejano, G. ; Riesco, D. ; Henriques, P.R. ; Debnath, N.  
Information Technology: New Generations (ITNG), 2013 Tenth International Conference on  
DOI: 10.1109/ITNG.2013.10  
Publication Year: 2013 , Page(s): 14 - 19

**IEEE CONFERENCE PUBLICATIONS****Fault Localization for Null Pointer Exception Based on Stack Trace and Program Slicing**

Shujuan Jiang ; Wei Li ; Haiyang Li ; Yanmei Zhang ; Hongchang Zhang ; Yingqi Liu  
Quality **Software** (QSIC), 2012 12th International Conference on  
DOI: 10.1109/QSIC.2012.36  
Publication Year: 2012 , Page(s): 9 - 12  
Cited by: Papers (1)

**IEEE CONFERENCE PUBLICATIONS****Chava: reverse engineering and tracking of Java applets**

Korn, J. ; Yih-Farn Chen ; Koutsofios, E.  
Reverse Engineering, 1999. Proceedings. Sixth Working Conference on  
DOI: 10.1109/WCRE.1999.806970  
Publication Year: 1999 , Page(s): 314 - 325  
Cited by: Papers (13)

**IEEE CONFERENCE PUBLICATIONS**

---

**Empirical Study about Using aiT Tool in WCET Estimation**

Starke, R.A. ; de Oliveira, R.S.

Computing System Engineering (SBESC), 2011 Brazilian Symposium on

DOI: 10.1109/SBESC.2011.42

Publication Year: 2011 , Page(s): 86 - 89

**IEEE CONFERENCE PUBLICATIONS**

---

**Mosaic based representations of video sequences and their applications**

Irani, M. ; Anandan, P. ; Hsu, S.

Computer Vision, 1995. Proceedings., Fifth International Conference on

DOI: 10.1109/ICCV.1995.466883

Publication Year: 1995 , Page(s): 605 - 611

Cited by: Papers (85) | Patents (27)

**IEEE CONFERENCE PUBLICATIONS**

---

**Source animation as a means of program comprehension for object-oriented systems**

Sneed, H.M.

Program Comprehension, 2000. Proceedings. IWPC 2000. 8th International Workshop on

DOI: 10.1109/WPC.2000.852492

Publication Year: 2000 , Page(s): 179 - 187

**IEEE CONFERENCE PUBLICATIONS**

---

**eFlowMining: An Exception-Flow Analysis Tool for .NET Applications**

Garcia, I. ; Cacho, N.

Dependable Computing Workshops (LADCW), 2011 Fifth Latin-American Symposium on

DOI: 10.1109/LADCW.2011.18

Publication Year: 2011 , Page(s): 1 - 8

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Automatic Conceptual Analysis of User Requirements with the Requirements Engineering Assistance Diagnostic (READ) Tool**

Seresht, S.M. ; Ormandjieva, O. ; Sabra, S.

Software Engineering Research, Management and Applications, 2008. SERA '08. Sixth International Conference on

DOI: 10.1109/SERA.2008.34

Publication Year: 2008 , Page(s): 133 - 142

**IEEE CONFERENCE PUBLICATIONS**

---

**Type Highlighting: A Client-Driven Visual Approach for Class Hierarchies Reengineering**

Mihancea, P.F.

Source Code Analysis and Manipulation, 2008 Eighth IEEE International Working Conference on

DOI: 10.1109/SCAM.2008.16

Publication Year: 2008 , Page(s): 207 - 216

Cited by: Papers (3)

**IEEE CONFERENCE PUBLICATIONS**

---

**Representing and Integrating Dynamic Collaborations in IDEs**

Rothlisberger, D. ; Greevy, O.

Reverse Engineering, 2008. WCRE '08. 15th Working Conference on

DOI: 10.1109/WCRE.2008.53

Publication Year: 2008 , Page(s): 74 - 78

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