selections	1/17/2005/	cs674 - index 49804							
revised	2/4/05								
	topics: Constructing, Analyzing, Testing, Debugging large OO Systems								
	subtopics: dealing with software built on frameworks or from components, threads, exceptions, test case generation								
**	Analysis, Dyn	MICRO-29, Decer	Thomas Ball and James Larus,	Efficient Path Profiling					
??	Analysis, Dyn	IEEE Computer, J	Thomas Ball and James Larus	Using Paths to Measure, Explain, and Enhance Program Behavior					
	Analysis, Dyn	POPL'98	T. Ball, P. Mataga, M. Sagiv	edge profiling versus path profiling: the Showdown					
**	Analysis, Dyn	PLDI '99	Jim Larus	Whole Program Paths					
	Analysis, Dyn	Concurrency: Prac	De Pauw, W., Sevitsky, G.	Visualizing Reference Patterns for Solving Memory Leaks in Java					
	Analysis,Dyn	Proceedings for W	De Pauw, W., Mitchell, N., Robillard, M	Drive-by Analysis of Running Programs,					
	Analysis, Dyn	ICSE03	J. Law, G. Rothermel	Whole program Path-based Impact Analysis					
**	Analysis, Dyn	oopsla03	B. Dufour et al	Dynamic metrics for Java					
	Analysis, Dyn	PLDI03	B. Liblit, A. Aiker, A. Zheng, M. Jordan	Bug finding via remote program sampling					
	Analysis, Dyn	IEEE-TSE01	M. Ernst, j. Cockrell, W. Griswold, D. n	Dynamically Discovering Likely Program Invariants to support program evolution					
	Analysis, Dyn	OOPSLA'03	D. marinov, R. O'Cahallan	Object Equality Profiling					
**	Analysis, Dyn	ECOOP04	G. Ammons, J. Choi, M. Gupta, N. Swa	Finding and Removing Performance Bottlenecks in Large Systems					
	Analysis, Dyn	ISCA03	T. Sherwood, S. Sair, B. Calder	Phase Tracking and Prediction					
	Analysis, Dyn	IBMTRRC22887	M. Hind, V. Rajan, P. Sweeney	Phase Shift Detection: a Problem Classification					
**	Analysis, Dyn	LNCS2269(2002)	Sevitsky, DePaw, et al	Visualizing the Execution of Java Programs					
**	Analysis, Dyn	ECOOP03	G. Sevitsky, N. Mitchell	LeakBot: An Automated and Lightweight Tool for Diagnosing Memory Leaks in Java Appli					
**	Analysis, Dyn	ICSE02	B. Demsky, M. Rinard	Role-based Explorationj of OO programs					
**	Analysis, Dyn	FSE02	Andreas Zeller	Isolating Cause-Effect Chains from Computer Programs					
**	Analysis, Dyn	ICSE03	Proceedings of 2003 workshop on dyn	anal	www.cs.nmsu.edu/~jcook/woda2003				
choices:	Analysis, Dyn	WODA03	A. Zeller	Program Analysis: A hierarchy					
need to	Analysis, Dyn	WODA03	Michael Ernst	Static and Dynamic Analysis: Synergy and Duality					
pick 5	Analysis, Dyn	WODA03	A. Hamou-Lhadj, T. Lethbridge	An Efficient Algorithm for Detecting patterns in Procedure Calls					
papers	Analysis, Dyn	WODA03	T. Xie and D. Notkin	Exploiting the synergy between testing and inferred partial specifications					
for 1 lect	Analysis, Dyn	WODA03	? J. Cook et al	Scripting Runtime Dynamic Analyses					
**	Analysis, Dyn	ICSE04	Proceedings of 2004 workshp on dyan	analy	www.cs.virgina.edu/woda2004				
	Analysis, Dyn	WODA04	S. Sampath, A. Souter, L. Pollock	Towards defining and exploiting similarities in web applicaton use cases through user ses					
	Analysis, Dyn	WODA04	J. Maebe, M. Ronsse, K.DeBosschere	Precise Detection of memory Leaks					
	Analysis, Dyn	WODA04	E. Metz, R. Lencevicius	Performance Data Collection: A Hybrid Approach (for embedded syst)					
	Analysis, static	CC03	Lhotak et al	SPARK: points-to analysis framework for java					
**	Analysis, static	issta02	A. Milanova, A. Rountev, B. G. Ryder	Parameterized Object Sensitivity for Points to and Side effect Analyses for java					
	Analysis, static	CC02	G. Agrawal, J. Li, Q. Su	Evaluating a demand-driven technique for Call Graph Construction					
**	Analysis, static	ECOOP04	M Hirzel, A. Diwan, M. Hind	Pointer Analysis in the presence of Dynamic Class Loading					
	Analysis, static	PLDI03	D. Heine, M. Lam	A practical flow-sensitive and context-sensitive C/C++ memory leak detector					
	Analysis, static	PLDI03	Cousot group	A staic analyizer for large, safety critical SW					
	Analysis, static	PLDI03	G. Necula	Ccured in the real world					
	Analysis, static	SAS03	F. Logozzo	Class-level modular analysis for OO languages					
	Analysis,static	ICSE02	T. Robschink, G. Snelting	Efficient Path Conditions in Dependence Graphs					
	Analysis,static	FSE96?	G. Snelting	Combining slicing and constraint solving for validation of Measurement software					
	Analysis,static	ECOOP04	R. DeLine, M. Fahndrich	Typestates for Objects					
	Analysis,static	POPL02	V. Kuncak,P. Lam, M. Rinard	Role Analysis					
	Analysis,static	OOPSLA93	F. Civello	Roles for composite objects in OO analysis and design					
	Analysis,static	POPL03	C. Boyapati, B. Liskov, L. Shrira	Ownership types for object encapsulation					
	Analysis,static	ECOOP04	J.Aldrich, C. Chambers	Ownership Domains Separating Aliasing Policy from Mechanism					
**	Analysis,static	ISSTA04	A. Rountev, S.Kagan, M.Givas	Static and Dynamic analsis of call chains in Java					
	Analysis,static	PASTE04	C. Hammer, G. Snelting	An Improved Slicer for Java					

	Analysis,static	PLDI04	O. Lhatek,L. Hendren	Jedd: a BDD Framework
**	Analysis,static	PLDI04	J. Whaley, M. Lam	Cloning-based Alias analyis using BDDs
**	Analysis,static	PLDI03	L.Hendren et al	Points-to Analysis using BDDs
	Analysis,static	SAS03	S. Guyer and C. Lin	Client-driven Pointer Analysis (C pointers)
**	Analysis-threads	ECCOP04	M.Beers, C. Stork, M. Franz	Efficeintly Verifiable Escape Analysis
**	Analysis-threads	OOPSLA99	J. Whaley, M. Rinard	Compositional Pointer and escape Analysis for Java Programs
	Analysis-threads	Sas01	M. Rinard	Analysis of Multithreaded Programs
	Analysis-threads	PPOPP01	A. Salcianu, M. Rinard	Pointer and Escape analysis for multithreaded programs
	Analysis-threads	TOPLAS Nov2003	B.Blanchet	Escape analysis for java: theory and practice
	Analysis-threads	SAC03	M. Nanda, S. Ramesh	Pointer Analysis of Multithreaded Java Programs
	Analysis-threads	OOPSLA99	M. Gupta et al	ibm paper on escape analysis
??	Analysis-Threads	PLDI03	C. von Praun, T. Gross	Static Conflict analysis for Multi-threaded object-oriented programs
	Analysis-Threads	PLDI04	T A. Henzinger, R Jhala, R Majumdar	Race checking by context inference
??	Analysis-Threads	PLDI04	S. Qadeer et al	KISS: Keep it Simple and Sequential
	Analysis-Threads	FSE03	J. Krinke	Context-sensitive slicing of concurrent programs
	Analysis-Threads	FSE03	Koushik Sen, Grigore Rosu, Gul Agha	Runtime safety analysis of multithreaded programs
		IBM SystJl #2, 20	http://www.research.ibm.com/journal/sj43-2.htm	
	Compon+Middleware	IBM SystJl #2,200	R.D. Johnson, D. Reimer	Issues in the devlopement of transactional web applications
	Compon+Middleware	IBMSystJl #2,200	E. Herness, R. High, J. McGee	Websphere application server: a foundation for on demand computing
	Compon+Middleware	CACM 2000	special issue on enterprise frameworks	characteristis, criteria, challenges
**	Compon+Middleware	ICSE03	D. C. Schmidt, F. Buschmann	(invited) Patterns, Frameworks and middleware: their synergistic relationships
**	Compon+Middleware	OOPSLA03	J. Corwin, D.F. Bacon, D. Grove, C. Mu	MJ: a Rational Module System for Java and its Applications
	Compon+Middleware	OOPSLA01	D. Duggan, Ch-C. Techaubol	Modular mixin-based inheritance for application frameworks
**	Compon+Middleware	OOPSLA01	S. McDirmid, M. Flatt, W. Hsieh	Jiazzi: new-age components for old-fashioned Java
	Compon+Middleware	ICSE03	J. Hatcliff, w. Deng, M. Dwyer, G. jung	Cadena: An Integrated Development, Anal, and verif for Component-based Syst
	Compon+Middleware	ICSE03	D. Cubranic, G. Murphy	HIPIKAT: Recommending Pertinant Software Artifacts
	Compon+Middleware	PLDI02	G. Ramalingam, A. Warshavsky, J. Fiel	Deriving specialized program analyses for certifying component-client conformance
**	Compon+Middleware	IEEEComp9-98	issue on components	
	Compon+Middleware	IEEEComp9-98	J. Voas	Certifying off the shelf components
	Compon+Middleware	ieeeSW 9-98	M. Buchi, W. Weck	Generic Wrappers
	Compon+Middleware	IEEE Computer 4/	JM.Heimdahl, J. M. Thompson, B. J. C	Specification and Analysis of intercomponent communication
**	Compon+Middleware	IEEE Software sep	E. Weyuker	Testing component based software: a cautionary tale
**	Compon+Middleware	IEEE Software, ju	J. Voas	Maintaining component-based systems
	Compon+Middleware	IEEE Computer	P. Maurer	Components: what if they gave revolution and nobody came?
**	Compon+Middleware	OOPSLA04	Workshop on middleware benchmarking 2004	http://nenya.ms.mff.cuni.cz/projects/corba/oopsla-workshop
**	Compon+Middleware	OOPSLA03	Workshop on middleware benchmarking 2003	http://nenya.ms.mff.cuni.cz/projects/corba/oopsla-workshop-03
??	Compon+Middleware	ICSE	Workshop on Component-based Software Engineering	can see all at http://www.sei.cmu.edu/pacc/events.html
??	Compon+Middleware	ICSE	CBSE4: http://www.sei.cmu.edu/pacc/workshop_call.html	
??	Compon+Middleware	ICSE	CBSE5: http://www.sei.cmu.edu/pacc/CBSE5/CBSE5-Proceedings.html	
??	Compon+Middleware	ICSE	CBSE6: http://www.csse.monash.edu.au/~hws/cgi-bin/CBSE6/Proceedings/proceedings.cgi	
??	Compon+Middleware	ICSE	CBSE7: thru Springer as LNCS Vol. 3054 (http://www.springeronline.com/sgw/cda/frontpage/	
				0,11855,5-0-22-30739214-0,00.html? referer=www.springeronline.com %2F3-540-2199
**	testing	ISSTA04	W. Visser	Test Input generaton with Java Pathfinder
	testing	ICSE00	Y.Labiche, P. Thevenod-Fosse, H. Waes	Testing levels for OO Sofware
	testing	TAV-WEB2004	Phy Frankel, Yuaoteng Deng, Jiong Wa	testing web databas applications
	testing	FTCS97	P. Thevenod-Posse, H. Waeselynck	Towards a Statistical Approach to Testing OO Programs
**	testing	OOPSLA01	MJ Harrold et al	Regression test selection for java software
??	testing	icsm01	m. harrold, a. orso, d. rosenblum, g. r	using component meta-data to support the regression testing of comp-based SW

**	testing	ICSE03	A. Bertonlino, A. Polini	A framework for Component deployment and testing						
??	testing	ISSTA00	A. Souter, L. Pollock	OMEN a strategy for testing OO software						
??	testing	IEEE TSE 9/00	S. Sinha, M. J. Harrold	Analysis and testing of programs with exception handling						
??	testing	issta02	J. Whaley, M. Martin, M. Lam	Automatic extraction of OO component interfaces						
**	testing	ICSE99	Wksp on Testing Distributed Component-based Systems	http://www.siemens.com/ICSE99workshop/						
	Aspects	CACM - jan03	Special issue on Aspects							
	Aspects	FSE04	Martin Rinard, Alexandru Salcianu, Su	A classification system and analysis for aspect-oriented programs						
	Aspects	ICSE00	M. Lippert C. Lopes	A Study on Exception Detection and Handling Using Aspect-oriented Programming						
**	Pgm Understanding	ISSTA04	K. Srinivas et al	SABER: smart analysis based error reduction						
??	Pgm Understanding	IEEE TSE, mar03	T. Eisenbarth, R. Koschke, D. Simon	Locating Features in Source Code						
**	Security	OOPSLA02	Kershenbaum, Koved et al	Analysis of access rights for Java						
**	Security	IEEE Journal on S	A. Sabelfeld, A. Myers	Language-based information flow						
??	Security	International Syn	Andrei Sabelfeld, Andrew Myers.	A model for delimited information release.						
??	Security	SOSP01	Steve Zdancewic, Lantian Zheng, Nath	Untrusted Hosts and Confidentiality: Secure Program Partitioning (2001)						
**	Security	ISSTA02	G. Naumovich	A conservative algorithm for computing the flow of permissions in Java programs						
**	Security	IEEE SW Jan 2002	issue on building software security							
**	Security	TAB-WEB2004	G. Naumovich et al	static analysis of role-based access control imn J2ee applications						
	Debugging	ISSTA04	M. Christoforescu, S. Jha	Testing Malware Detectors						
	ModelChecking	Automated SE Jo	W. Visser, K. Havelund, G. Brat, S. Pa	Model Checking Programs						
	Model Checking	FSE03	M. Dwyer, J. Hatclif et al	Bogor: An extensible and highly-modular SW model checking fmwk						
	ModelChecking	icse01	M. Dwyer, J. Hatclif et al	tool supported program abstraation for Finite state verification						
	ModelChecking	ICSE00	J. Corbett, M. Dwyer, J. Hatcliff, et al	Bandera: Extracting finite-state models from java source code						
	ModelChecking	Whp on Advances	G. Brat, K. Havelund, S. Park, W. Vi	Java PathFinder - A second generation of a Java model checker						