

Top 10 Downloads from ACM's Digital Library

THE TOP 10 MOST POPULAR PAPERS FROM ACM'S REFEREED JOURNALS AND CONFERENCE PROCEEDINGS DOWNLOADED IN JUNE 2006

Month Rank	Year Rank	Title, Author, Publication, Date
1	6	"A Feature-based Algorithm for Detecting and Classifying Scene Breaks." Ramin Zabih, Justin Miller, Kevin Mai. <i>Proceedings of the 3rd ACM International Conference on Multimedia</i> . Jan. 1995.
2	1	"Architectures for a Temporal Workflow Management System." Carlo Combi, Giuseppe Pozzi. <i>Proceedings of the 2004 ACM Symposium on Applied Computing</i> . Mar. 2004.
3	281	"Marshaling and Unmarshaling Models Using the Entity-Relationship Model." Fei Cao, Barrett R. Bryant, Wei Zhao, Carol C. Burt, Rajeev R. Raje, Andrew M. Olson, Mikhail Auguston. <i>Proceedings of the 2005 ACM Symposium on Applied Computing</i> . Mar. 2005.
4	4	"dbSwitch." Shaul Dar, Gil Hecht, Eden Shochat. <i>Proceedings of the 2004 ACM SIGMOD International Conference on Management of Data</i> . June 2004.
5	10	"Events Not Equal to GUIs." Stuart Hansen, Timothy Fossum. <i>Proceedings of the 35th SIGCSE Technical Symposium on Computer Science Education</i> . Mar. 2004.
6	9	"Evolution of Web Site Design Patterns." Melody Y. Ivory, Rodrick Megraw. <i>ACM Transactions on Information Systems</i> Oct. 2005.
7	335	"The Babel Experiment." Vladimir L. Pavlov, Anton Yatsenko. <i>Proceedings of the 36th SIGCSE Technical Symposium on Computer Science Education</i> . Feb. 2005.
8	19	"Instant Messaging in Teen Life." Rebecca E. Grinter, Leysia Palen. <i>Proceedings of the 2002 ACM Conference on Computer Supported Cooperative Work</i> . Nov. 2002.
9	767	"Alone Together?" Nicolas Ducheneaut, Nicholas Yee, Eric Nickell, Robert J. Moore. <i>Proceedings of the SIGCHI Conference on Human Factors in Computing Systems</i> . Apr. 2006.
10	8	"Computing Curricula 2001." CORPORATE: The Joint Task Force on Computing Curricula. <i>Journal on Educational Resources in Computing</i> . Sept. 2001.

THE 10 MOST POPULAR COURSES AT THE ACM PROFESSIONAL DEVELOPMENT CENTRE FOR JUNE 2006

Month Rank	Year Rank	Course Title	Month Rank	Year Rank	Course Title
1	2	OOAD: Introduction to Object-Oriented Concepts	6	6	C# Programming for the Microsoft .NET Platform—Part I: Introduction to C#
2	1	Java 2 Programming for SDK 1.4—Part I: Language Fundamentals I	7	7	OOAD: Unified Modeling Language (UML) 2.0
3	4	C++ Programming—Part I	8	8	Managing IT Projects: Project Initiation and Fundamentals
4	3	C Programming—Part I	9	17	Building XML-Based Web Applications—Part I: XML Introduction and Technologies
5	5	Enterprise Connectivity with J2EE 6.4 Overview	10	10	Database Technologies—Part I: Relational Database Fundamentals

Statistics for these tables were compiled July 9, 2006.

Hot Links

TOP 10 MOST POPULAR MAGAZINE AND COMPUTING SURVEYS ARTICLES DOWNLOADED IN JUNE 2006

Month Rank	Year Rank	Title, Author, Publication, Date
1	195	"Neo-tribes." Grace J. Johnson, Paul J. Ambrose. <i>Communications of the ACM</i> . Jan. 2006.
2	120	"Personal Information Management" Jaime Teevan, William Jones, Benjamin B. Bederson. <i>Communications of the ACM</i> . Jan. 2006.
3	193	"A Survey and Analysis of Electronic Healthcare Record Standards." Marco Eichelberg, Thomas Aden, Jörg Riesmeier, Asuman Dogac, Gokce B. Laleci. <i>ACM Computing Surveys</i> Dec. 2005.
4	1	"Data Clustering." A.K. Jain, M.N. Murty, P.J. Flynn. <i>ACM Computing Surveys</i> . Sept. 1999.
5	8	"A Survey of Image Registration Techniques." Lisa Gottesfeld Brown. <i>ACM Computing Surveys</i> . Dec. 1992.
6	544	"Death by UML Fever." Alex E. Bell. <i>Queue</i> . Mar. 2004.
7	23	"Why We Blog." Bonnie A. Nardi, Diane J. Schiano, Michelle Gumbrecht, Luke Swartz. <i>Communications of the ACM</i> . Dec. 2004.
8	438	"When and How to Develop Domain-Specific Languages." Marjan Mernik, Jan Heering, Anthony M. Sloane. <i>ACM Computing Surveys</i> . Dec. 2005.
9	2	"A Survey of Peer-to-Peer Content Distribution Technologies." Stephanos Androutsellis-Theotokis, Diomidis Spinellis. <i>ACM Computing Surveys</i> . Dec. 2004.
10	3	"Face Recognition." W. Zhao, R. Chellappa, P.J. Phillips, A. Rosenfeld. <i>ACM Computing Surveys</i> . Dec. 2003.

This list does not include downloads for the May and June issues as those statistics tend to reflect e-subscribers downloading current issues.

Coming Next Month in **COMMUNICATIONS**

October

FLEXIBLE AND DISTRIBUTED SOFTWARE PROCESSES

Two equally important and partially intertwined current themes in software development are process flexibility and globally distributed development. This section focuses on both themes as separate entities in terms of the increasing industry interest to veer from traditional software development methods and the benefits and risks of such decisions, and then traces an integrated study of both, finding the difficulties faced in globally distributed software development are the same issues put to the fore by agile (flexible) methods.

Also in October:

- Nature Inspired Computing
- What Makes a Good Programmer?
- Building Objects out of Plato
- Who Gets Spammed?
- Spoofing as a Serious Internet Fraud
- Technology Adoption