

1. @article{Miller:2015:ISI:2742853.2724759,
author = {Miller, Craig S. and Connolly, Randy},
title = {Introduction to the Special Issue on Web Development},
journal = {Trans. Comput. Educ.},
issue_date = {March 2015},
volume = {15},
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2. @article{Park:2015:AHC:2742853.2700514,
author = {Park, Thomas H. and Dorn, Brian and Forte, Andrea},
title = {An Analysis of HTML and CSS Syntax Errors in a Web Development Course},
journal = {Trans. Comput. Educ.},
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3. @article{Valderas:2011:SRS:1961659.1961664,
author = {Valderas, Pedro and Pelechano, Vicente},
title = {A Survey of Requirements Specification in Model-Driven Development of Web Applications},
journal = {ACM Trans. Web},
issue_date = {May 2011},
volume = {5},
number = {2},
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4. @article{Rossi:1999:DHA:345966.345987,
author = {Rossi, Gustavo and Lyardet, Fernando Daniel and Schwabe, Daniel},
title = {Developing Hypermedia Applications with Methods and Patterns},
journal = {ACM Comput. Surv.},
issue_date = {Dec. 1999},
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5. @article{Claude:2010:FCW:1841909.1841913,
author = {Claude, Francisco and Navarro, Gonzalo},
title = {Fast and Compact Web Graph Representations},
journal = {ACM Trans. Web},
issue_date = {September 2010},
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6. @article{Fraternali:2000:MDW:358108.358110,
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journal = {ACM Trans. Inf. Syst.},

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issue_date = {Oct. 2000},
volume = {18},
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7. @article{Brambilla:2007:MDD:1294148.1294151,
author = {Brambilla, Marco and Ceri, Stefano and Facca, Federico Michele and Celino, Irene and Cerizza, Dario and Valle, Emanuele Della},
title = {Model-driven Design and Development of Semantic Web Service Applications},
journal = {ACM Trans. Internet Technol.},
issue_date = {November 2007},
volume = {8},
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8. @article{Cappiello:2015:UAE:2788341.2735632,
author = {Cappiello, Cinzia and Matera, Maristella and Picozzi, Matteo},
title = {A UI-Centric Approach for the End-User Development of Multidevice Mashups},
journal = {ACM Trans. Web},
issue_date = {June 2015},
volume = {9},
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9. @article{Ceri:2007:MDC:1189740.1189742,
author = {Ceri, Stefano and Daniel, Florian and Matera, Maristella and Facca, Federico M.},
title = {Model-driven Development of Context-aware Web Applications},
journal = {ACM Trans. Internet Technol.},
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10. @article{Cao:2017:DEC:3107080.3084443,
author = {Cao, Yi and Nejati, Javad and Wajahat, Muhammad and Balasubramanian, Aruna and Gandhi, Anshul},
title = {Deconstructing the Energy Consumption of the Mobile Page Load},
journal = {Proc. ACM Meas. Anal. Comput. Syst.},
issue_date = {June 2017},
volume = {1},
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11. @article{2001:WPA:502115.502118,
title = {WebQuilt: A Proxy-based Approach to Remote Web Usability Testing},
journal = {ACM Trans. Inf. Syst.},
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volume = {19},
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12. @article{Sivasubramanian:2004:RWH:1035570.1035573,
author = {Sivasubramanian, Swaminathan and Szymaniak, Michal and Pierre, Guillaume and Steen, Maarten van},
title = {Replication for Web Hosting Systems},
journal = {ACM Comput. Surv.},
issue_date = {September 2004},
volume = {36},
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keywords = {Web replication, content delivery networks},
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13. @article{Vosloo:2008:SWF:1348246.1348247,
author = {Vosloo, Iwan and Kourie, Derrick G.},
title = {Server-centric Web Frameworks: An Overview},
journal = {ACM Comput. Surv.},
issue_date = {April 2008},
volume = {40},
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14. @article{Paurobally:2007:FWS:1293731.1293734,
author = {Paurobally, Shamimabi and Tamma, Valentina and Wooldrdige, Michael},
title = {A Framework for Web Service Negotiation},
journal = {ACM Trans. Auton. Adapt. Syst.},
issue_date = {November 2007},

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15. @article{Christensen:2003:EJH:945885.945890,
author = {Christensen, Aske Simon and M{\o}ller, Anders and Schwartzbach, Michael I.},
title = {Extending Java for High-level Web Service Construction},
journal = {ACM Trans. Program. Lang. Syst.},
issue_date = {November 2003},
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keywords = {Interactive Web services, XML, data-flow analysis},
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16. @article{Marszalkowski:2015:ASC:2870642.2818377,
author = {Marszalkowski, Jakub and Mizgajski, Jan and Mokwa, Dariusz and Drozdowski, Maciej},
title = {Analysis and Solution of CSS-Sprite Packing Problem},
journal = {ACM Trans. Web},
issue_date = {February 2016},
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keywords = {CSS image sprites, JPEG, PNG, heuristics, image compression, load time reduction, rectangle packing, web engineering, web optimization},
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17. @article{Desolda:2017:EEU:3077620.3057859,
 author = {Desolda, Giuseppe and Ardito, Carmelo and Matera, Maristella},
 title = {Empowering End Users to Customize Their Smart Environments: Model, Composition Paradigms, and Domain-Specific Tools},
 journal = {ACM Trans. Comput.-Hum. Interact.},
 issue_date = {May 2017},
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18. @article{Schmidt:2000:DFH:351936.351976,
 author = {Schmidt, Douglas C. and Hu, James C.},
 title = {Developing Flexible and High-performance Web Servers with Frameworks and Patterns},
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 keywords = {WWW, distributed software systems, design patterns, object-oriented application frameworks},
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19. @article{Zhou:2009:UFC:1552291.1552295,
 author = {Zhou, Duanning and Huang, Wayne Wei},
 title = {Using a Fuzzy Classification Approach to Assess e-Commerce Web Sites: An Empirical Investigation},
 journal = {ACM Trans. Internet Technol.},
 issue_date = {July 2009},
 volume = {9},
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20. @article{Manolescu:2005:MDD:1084772.1084773,
author = {Manolescu, Ioana and Brambilla, Marco and Ceri, Stefano and Comai, Sara and Fraternali, Piero},
title = {Model-driven Design and Deployment of Service-enabled Web Applications},
journal = {ACM Trans. Internet Technol.},
issue_date = {August 2005},
volume = {5},
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keywords = {UML, Web application, Web services, WebML, modeling},
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21. @article{Ardissono:2005:MID:1052934.1052936,
author = {Ardissono, Liliana and Goy, Anna and Petrone, Giovanna and Segnan, Marino},
title = {A Multi-agent Infrastructure for Developing Personalized Web-based Systems},
journal = {ACM Trans. Internet Technol.},
issue_date = {February 2005},
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keywords = {Infrastructures for developing personalized recommender systems, multi-agent architectures, personalization},
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22. @article{Libkin:2016:QGD:2906142.2850413,
author = {Libkin, Leonid and Martens, Wim and Vrgo\v{c}, Domagoj},
title = {Querying Graphs with Data},
journal = {J. ACM},
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23. @article{Chau:2003:TKT:1029994.1029996,
author = {Chau, Michael and Huang, Zan and Chen, Hsinchun},
title = {Teaching Key Topics in Computer Science and Information Systems Through a Web Search Engine Project},
journal = {J. Educ. Resour. Comput.},
issue_date = {September 2003},
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keywords = {education, indexing, web computing, web search engine, web spiders},
}
24. @article{Calzavara:2017:SWJ:3058791.3038923,
author = {Calzavara, Stefano and Focardi, Riccardo and Squarcina, Marco and Tempesta, Mauro},
title = {Surviving the Web: A Journey into Web Session Security},
journal = {ACM Comput. Surv.},
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25. @article{Kyusakov:2014:EFE:2686863.2665068,
author = {Kyusakov, Rumen and Pereira, Pablo Pu\~{n}al and Eliasson, Jens and Delsing, Jerker},
title = {EXIP: A Framework for Embedded Web Development},
journal = {ACM Trans. Web},
issue_date = {October 2014},
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26. @article{Brambilla:2006:PMW:1178625.1178627,
author = {Brambilla, Marco and Ceri, Stefano and Fraternali, Piero and Manolescu, Ioana},
title = {Process Modeling in Web Applications},
journal = {ACM Trans. Softw. Eng. Methodol.},
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