Оптимизация и обработка запросов

Планы семинаров

- 16 сентября 2017

№	Источник	Докладывает
1	D. Kossmann and K. Stocker. Iterative dynamic programming: a new class of query optimization algorithms. ACM Trans. Database Syst., 25(1):43–82, 2000.	
2	Srinath Shankar, Rimma Nehme, Josep Aguilar-Saborit, Andrew Chung, Mostafa Elhemali, Alan Halverson, Eric Robinson, Mahadevan Sankara Subramanian, David DeWitt, and César Galindo-Legaria. 2012. Query optimization in microsoft SQL server PDW. In *Proceedings of the 2012 ACM SIGMOD International Conference on Management of Data* (SIGMOD '12). ACM, New York, NY, USA, 767-776. DOI: http://dx.doi.org/10.1145/2213836.2213953	
3	Josep Aguilar-Saborit, Mohammad Jalali, Dave Sharpe, and Victor Muntés Mulero. 2008. Exploiting pipeline interruptions for efficient memory allocation. In *Proceedings of the 17th ACM conference on Information and knowledge management* (CIKM '08). ACM, New York, NY, USA, 639-648. DOI=http://dx.doi.org/10.1145/1458082.1458169	

- 30 сентября 2017

№	Источник	Докладывает
4	P. Fender and G. Moerkotte. Counter strike: generic top-down join enumeration for hypergraphs. Proceedings of the VLDB Endowment, 6(14):1822–1833, 2013.	
5	Herodotos Herodotou, Nedyalko Borisov, and Shivnath Babu. 2011. Query optimization techniques for partitioned tables. In *Proceedings of the 2011 ACM SIGMOD International Conference on Management of data* (SIGMOD '11). ACM, New York, NY, USA, 49-60. DOI=http://dx.doi.org/10.1145/1989323.1989330	Ирина Шквиро
2	Srinath Shankar, Rimma Nehme, Josep Aguilar-Saborit, Andrew Chung, Mostafa Elhemali, Alan Halverson, Eric Robinson, Mahadevan Sankara Subramanian, David DeWitt, and César Galindo-Legaria. 2012. Query optimization in microsoft SQL server PDW. In *Proceedings of the 2012 ACM SIGMOD International Conference on Management of Data* (SIGMOD '12). ACM, New York, NY, USA, 767-776. DOI: http://dx.doi.org/10.1145/2213836.2213953	Дюрдева Полина

- 07 октября 2017

№	Источник	Докладывает
7	A. Simitsis, K. Wilkinson, M. Castellanos, and U. Dayal. Optimizing analytic data lows for multiple execution engines. In K. S. Candan, Y. Chen, R. T. Snodgrass, L. Gravano, and A. Fuxman, editors, SIGMOD Conference, pages 829–840. ACM, 2012.	
8	Fragkiskos Pentaris and Yannis Ioannidis. 2006. Query optimization in distributed networks of autonomous database systems. *ACM Trans. Database Syst.* 31, 2 (June 2006), 537-583. DOI=http://dx.doi.org/10.1145/1138394.1138397	
9	Nicolas Bruno, Surajit Chaudhuri, and Ravishankar Ramamurthy. 2009. Interactive plan hints for query optimization. In *Proceedings of the 2009 ACM SIGMOD International Conference on Management of data* (SIGMOD '09), Carsten Binnig and Benoit Dageville (Eds.). ACM, New York, NY, USA, 1043-1046. DOI=http://dx.doi.org/10.1145/1559845.1559976	Ирина Шквиро

- 21 октября 2017

№	Источник	Докладывает
10	I. Trummer and C. Koch. Multi-objective parametric query optimization. Proceedings of the VLDB Endowment, 8(3), 2014.	
11	Surajit Chaudhuri, Hongrae Lee, and Vivek R. Narasayya. 2010. Variance aware optimization of parameterized queries. In *Proceedings of the 2010 ACM SIGMOD International Conference on Management of data* (SIGMOD '10). ACM, New York, NY, USA, 531-542. DOI=http://dx.doi.org/10.1145/1807167.1807226	
12	Surajit Chaudhuri. 2009. Query optimizers: time to rethink the contract?. In *Proceedings of the 2009 ACM SIGMOD International Conference on Management of data* (SIGMOD '09), Carsten Binnig and Benoit Dageville (Eds.). ACM, New York, NY, USA, 961-968. DOI=http://dx.doi.org/10.1145/1559845.1559955	

- 28 октября 2017

№	Источник	Докладывает
13	Calisto Zuzarte and Xiaohui Yu. 2006. Fast approximate computation of statistics on views. In *Proceedings of the 2006 ACM SIGMOD international conference on Management of data* (SIGMOD '06). ACM, New York, NY, USA, 724-724. DOI=http://dx.doi.org/10.1145/1142473.1142564	
14	Chihiro Kato, Yuto Hayamizu, Kazuo Goda, and Masaru Kitsuregawa. 2015. An Experimental Study of Aging Influence on Query Cost Estimation. In *Proceedings of the 19th International Database Engineering & Applications Symposium* (IDEAS '15). ACM, New York, NY, USA, 220-221.	
15	Stratos Papadomanolakis, Debabrata Dash, and Anastasia Ailamaki. 2007. Efficient use of the query optimizer for automated physical design. In *Proceedings of the 33rd international conference on Very large data bases* (VLDB '07). VLDB Endowment 1093-1104.	

- 11 ноября 2017

№	Источник	Докладывает
16	Martin Staudt, René Soiron, Christoph Quix, and Matthias Jarke. 1999. Query optimization for repository-based applications. In *Proceedings of the 1999 ACM symposium on Applied computing* (SAC '99). ACM, New York, NY, USA, 197-203. DOI=http://dx.doi.org/10.1145/298151.298243	
17	Gisele Busichia Baioco, Agma J. M. Traina, and Caetano Traina, Jr.. 2007. An effective cost model for similarity queries in metric spaces. In *Proceedings of the 2007 ACM symposium on Applied computing* (SAC '07). ACM, New York, NY, USA, 527-528. DOI=http://dx.doi.org/10.1145/1244002.1244123	
18	Senlin Liang and Michael Kifer. 2010. Deriving predicate statistics in datalog. In *Proceedings of the 12th international ACM SIGPLAN symposium on Principles and practice of declarative programming* (PPDP '10). ACM, New York, NY, USA, 45-56. DOI=http://dx.doi.org/10.1145/1836089.1836095	

- 18 ноября 2017

№	Источник	Докладывает
19	Mithila Nagendra and K. Selçuk Candan. 2012. Skyline-sensitive joins with LR-pruning. In *Proceedings of the 15th International Conference on Extending Database Technology* (EDBT '12), Elke Rundensteiner, Volker Markl, Ioana Manolescu, Sihem Amer-Yahia, Felix Naumann, and Ismail Ari (Eds.). ACM, New York, NY, USA, 252-263. DOI=http://dx.doi.org/10.1145/2247596.2247627	
20	Mithila Nagendra and K. Selçuk Candan. 2015. Efficient Processing of Skyline-Join Queries over Multiple Data Sources. *ACM Trans. Database Syst.* 40, 2, Article 10 (June 2015), 46 pages. DOI=http://dx.doi.org/10.1145/2699483	
21	Spyros Blanas, Jignesh M. Patel, Vuk Ercegovac, Jun Rao, Eugene J. Shekita, and Yuanyuan Tian. 2010. A comparison of join algorithms for log processing in MaPreduce. In *Proceedings of the 2010 ACM SIGMOD International Conference on Management of data* (SIGMOD '10). ACM, New York, NY, USA, 975-986. DOI=http://dx.doi.org/10.1145/1807167.1807273	
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- 02 декабря 2017

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23	Claude Barthels, Simon Loesing, Gustavo Alonso, and Donald Kossmann. 2015. Rack-Scale In-Memory Join Processing using RDMA. In *Proceedings of the 2015 ACM SIGMOD International Conference on Management of Data* (SIGMOD '15). ACM, New York, NY, USA, 1463-1475. DOI: http://dx.doi.org/10.1145/2723372.2750547	
24	Qian Lin, Beng Chin Ooi, Zhengkui Wang, and Cui Yu. 2015. Scalable Distributed Stream Join Processing. In *Proceedings of the 2015 ACM SIGMOD International Conference on Management of Data* (SIGMOD '15). ACM, New York, NY, USA, 811-825. DOI: http://dx.doi.org/10.1145/2723372.2746485	
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- 09 декабря 2017

№	Источник	Докладывает
25	Xuelian Lin, Yue Ye, and Shuai Ma. 2013. MRPacker: an SQL to mapreduce optimizer. In *Proceedings of the 22nd ACM international conference on Information & Knowledge Management* (CIKM '13). ACM, New York, NY, USA, 1157-1160. DOI=http://dx.doi.org/10.1145/2505515.2507813	
26	Yingzhong Xu and Songlin Hu. 2013. QMapper: a tool for SQL optimization on hive using query rewriting. In *Proceedings of the 22nd International Conference on World Wide Web* (WWW '13 Companion). ACM, New York, NY, USA, 211-212. DOI: http://dx.doi.org/10.1145/2487788.2487896	
27	Anja Gruenheid, Edward Omiecinski, and Leo Mark. 2011. Query optimization using column statistics in hive. In *Proceedings of the 15th Symposium on International Database Engineering & Applications* (IDEAS '11). ACM, New York, NY, USA, 97-105. DOI=http://dx.doi.org/10.1145/2076623.2076636	
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