Forschungsprojekt

Simon König (3344789), Leon Matzner (3315161), Felix Rollbühler (3310069), Jakob Schmid (??????)

April 17, 2020

Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

References

- "Gluon: [1] Roshan Dathathri al. Α Communication-Optimizing Substrate for Distributed Heterogeneous Graph Analytics". In: Proceedings of the 39th ACM SIGPLAN Conference on Programming Language Design and Implementation. PLDI 2018. Philadelphia, PA, USA: Association for Computing Machinery, 2018, pp. 752–768. ISBN: 9781450356985. DOI: 10 . 1145 / 3192366 . 3192404. URL: https://doi.org/10.1145/3192366.3192404.
- [2] Donald Nguyen, Andrew Lenharth, and Keshav Pingali. "A Lightweight Infrastructure for Graph Analytics". In: Proceedings of the Twenty-Fourth ACM Symposium on Operating Systems Principles. SOSP '13. Farminton, Pennsylvania: Asso-

- ciation for Computing Machinery, 2013, pp. 456–471. ISBN: 9781450323888. DOI: 10.1145/2517349.2522739. URL: https://doi.org/10.1145/2517349.2522739.
- [3] Julian Shun and Guy E. Blelloch. "Ligra: A Lightweight Graph Processing Framework for Shared Memory". In: Proceedings of the 18th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming. PPoPP '13. Shenzhen, China: Association for Computing Machinery, 2013, pp. 135–146. ISBN: 9781450319225. DOI: 10.1145/2442516. 2442530. URL: https://doi.org/10.1145/2442516.2442530.
- [4] Kaiyuan Zhang, Rong Chen, and Haibo Chen. "NUMA-Aware Graph-Structured Analytics". In: Proceedings of the 20th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming. PPoPP 2015. San Francisco, CA, USA: Association for Computing Machinery, 2015, pp. 183–193. ISBN: 9781450332057. DOI: 10.1145/2688500.2688507. URL: https://doi.org/10.1145/2688500.2688507.
- [5] Xiaowei Zhu et al. "Gemini: A Computation-Centric Distributed Graph Processing System". In: 12th USENIX Symposium on Operating Systems Design and Implementation (OSDI 16). Sa-

vannah, GA: USENIX Association, Nov. 2016, pp. 301-316. ISBN: 978-1-931971-33-1. URL: https://www.usenix.org/conference/osdi16/technical-sessions/presentation/zhu.