大数据场景下的语言虚拟机

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版本：1.0

日期：2020 年 12 月 14 日

摘　要

本文为 ElegantPaper 的说明文档。此模板基于 LaTeX 的 article 类，专为工作论文写作而设计。设计这个模板的初衷是让作者不用关心工作论文的格式，专心写作，从而有更加舒心的写作体验。如果你有其他问题、建议或者报告 bug，可以在 GitHub::ElegantPaper/issues 留言。如果你想了解更多 ElegantLaTeX 项目组设计的模板，请访问 GitHub::ElegantLaTeX。

关键词： ElegantLaTeX，工作论文，模板

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1.1　模板介绍

一些话。。。

参考文献

[1] NGUYEN K, WANG K, BU Y, et al. FACADE: A compiler and runtime for (almost) object-bounded big data applications [C/OL]//ÖZTURK Ö, EBCIOGLU K, DWARKADAS S. Proceedings of the Twentieth International Conference on Architectural Support for Programming Languages and Operating Systems, ASPLOS '15, Istanbul, Turkey, March 14-18, 2015. ACM, 2015: 675-690. https://doi.org/10.1145/2694344.2694345.

[2] GOG I, GICEVA J, SCHWARZKOPF M, et al. Broom: Sweeping out garbage collection from big data systems[C/OL]// CANDEA G. 15th Workshop on Hot Topics in Operating Systems, HotOS XV, Kartause Ittingen, Switzerland, May 18-20, 2015. USENIX Association, 2015. https://www.usenix.org/conference/hotos15/workshop-program/presentation/gog.

[3] MAAS M, ASANOVIC K, HARRIS T, et al. Taurus: A holistic language runtime system for coordinating distributed managed-language applications[C/OL]//CONTE T, ZHOU Y. Proceedings of the Twenty-First International Conference on Architectural Support for Programming Languages and Operating Systems, ASPLOS '16, Atlanta, GA, USA, April 2-6, 2016. ACM, 2016: 457-471. https://doi.org/10.1145/2872362.2872386.

[4] LION D, CHIU A, SUN H, et al. Don't get caught in the cold, warm-up your JVM: understand and eliminate JVM warm-up overhead in data-parallel systems[C/OL]//KEETON K, ROSCOE T. 12th USENIX Symposium on Operating Systems Design and Implementation, OSDI 2016, Savannah, GA, USA, November 2-4, 2016. USENIX Association, 2016: 383-400. https://www.usenix.org/conference/osdi16/technical-sessions/presentation/lion.

[5] NGUYEN K, FANG L, NAVASCA C, et al. Skyway: Connecting managed heaps in distributed big data systems[C/OL]// SHEN X, TUCK J, BIANCHINI R, et al. Proceedings of the Twenty-Third International Conference on Architectural Support for Programming Languages and Operating Systems, ASPLOS 2018, Williamsburg, VA, USA, March 24-28, 2018. ACM, 2018: 56-69. https://doi.org/10.1145/3173162.3173200.

[6] NAVASCA C, CAI C, NGUYEN K, et al. Gerenuk: thin computation over big native data using speculative program transformation[C/OL]//BRECHT T, WILLIAMSON C. Proceedings of the 27th ACM Symposium on Operating Systems Principles, SOSP 2019, Huntsville, ON, Canada, October 27-30, 2019. ACM, 2019: 538-553. https://doi.org/10.1145/3341301.3359643.

A　附录

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A.1　连字符

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