Performance Evaluation of Stream Data Processing Systems

ABSTRACT

1. INTRODUCTION

2. RELATED WORK

3. PRELIMINARY AND BACKGROUND

3.1 Flink

general info, windowing, partitioning, join.

3.2 Spark

general info, windowing, partitioning, join.

3.3 Storm

general info, windowing, partitioning, join.

4. BENCHMARKING SYSTEM DESIGN

4.1 Key Performance Indicators

5. EVALUATION

5.1 Keyed Windowed Aggregations

scale up/down
window size increase/decrease
batch siez increase/decrease

5.2 Joins

same as above

6. CONCLUSIONS

7. ACKNOWLEDGMENTS

7.1 References

Generated by bibtex from your .bib file. Run latex, then bibtex, then latex twice (to resolve references).

APPENDIX

You can use an appendix for optional proofs or details of your evaluation which are not absolutely necessary to the core understanding of your paper.