CIT-Storm Project A Storm-based Big-Data Framework for Streaming **Applications**

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ABSTRACT

The abstract goes here.

INTRODUCTION

This demo file is intended to serve as a "starter file" for IEEE conference papers produced under LATEX using IEEEtran.cls version 1.7 and later. I wish you the best of success. March 21, 2014

STORM FRAMEWORK

2.1 Storm Topology

- 2.1.1 Bolts
- 2.1.2 *Spouts*

CIT-STORM

- **UDF-Bolt** 3.1
- **Interfaces**
- 3.3 Windows
- 3.3.1 CountWindows

3.3.2 TimeWindows

4. OPERATORS

On top of the window semantics operators have been implemented. Some of these do not need the window semantics like the Map, FlatMap, GroupBy, Reduce. On the other side the window semantics are strongly used for all different join oeprators as well as the grouping feature.

- 4.1 Filter
- 4.2 Map and FlatMap
- 4.3 **GroupBy and Reduce**
- 4.4 Joins
- 4.4.1 Nested Loop Join
- 4.4.2 HashJoin
- 4.4.3 MergeJoin
- 5. **USE-CASE**
- **TOPOLOGY-SETUP**
- FRONTEND
- **TESTING**
- **CONCLUSION**