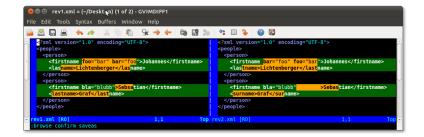
## Analysing differences in tree-structured data by Visual Analytics

Johannes Lichtenberger

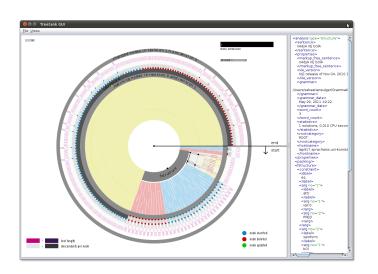
Distributed Systems Group

August 29, 2011

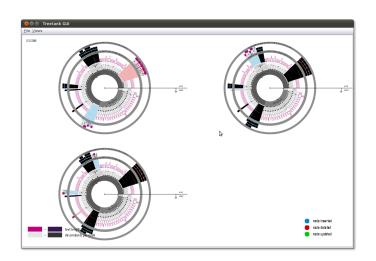
### Motivation - State of the art



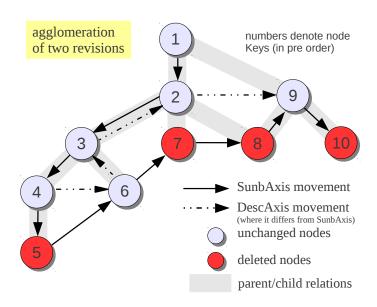
#### **SunburstView**



## **SmallMultiplesView**



## Visualization Challenges - SunburstDiffAxis



## Demo

Demo...

### Future work

#### Next step:

 Specialized XPath-axis to further enhance and support the analytical part of "Visual Analytics"

#### Possible additional work:

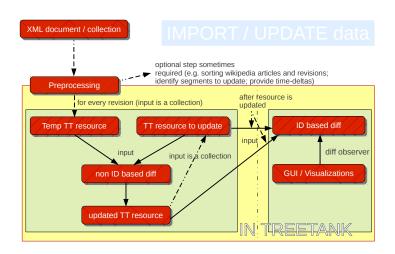
- Detection of moves in the ID-based diff algorithm
- Visualization of moves

## **Appendix**

#### Analytical part so far

A highlevel overview.

## Analytical Part - Overview



# Analytical Part - ID-less diff matching (from the paper "Change Detection in Hierarichally Structured Data")

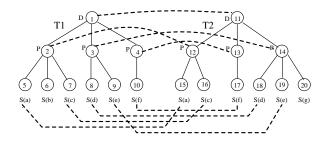


Figure 1: Running example (dashed edges represent matching)