Interactive visualization of temporal tree data

Johannes Lichtenberger

Distributed Systems Group

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Reasons

Why?

Can you spot the differences of the two XML-files on the next slide?

Example

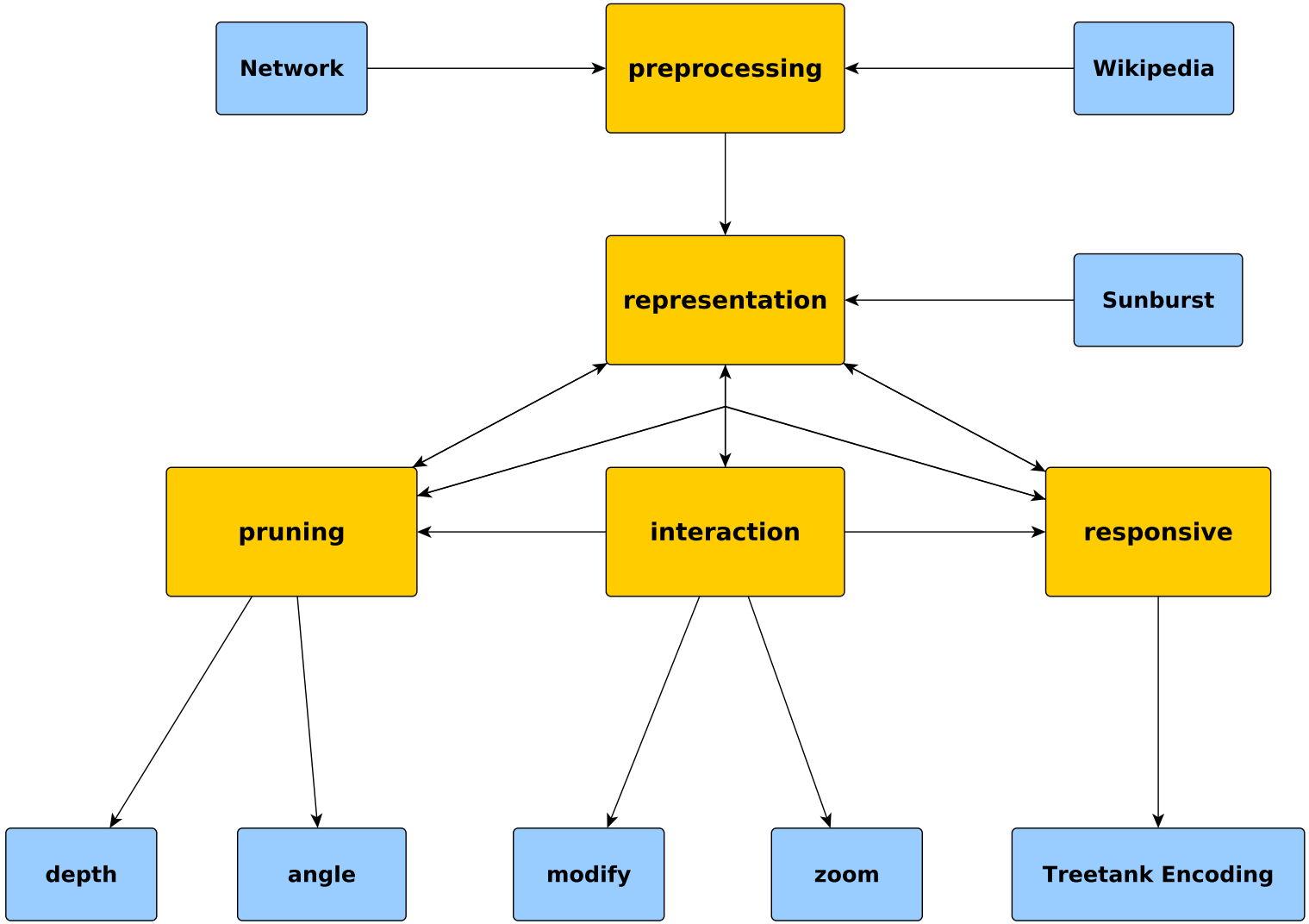
```
1  <foo>
2    <bar/>
3    <baz>bla</baz>
4    <foo></foo>hello bello<foo bla='blubb'/><do/>
5    <jep>
6      <klar></klar>
7      super
8      <blink/>
9    </jep>
10 </foo>
```

Listing 1: first revision

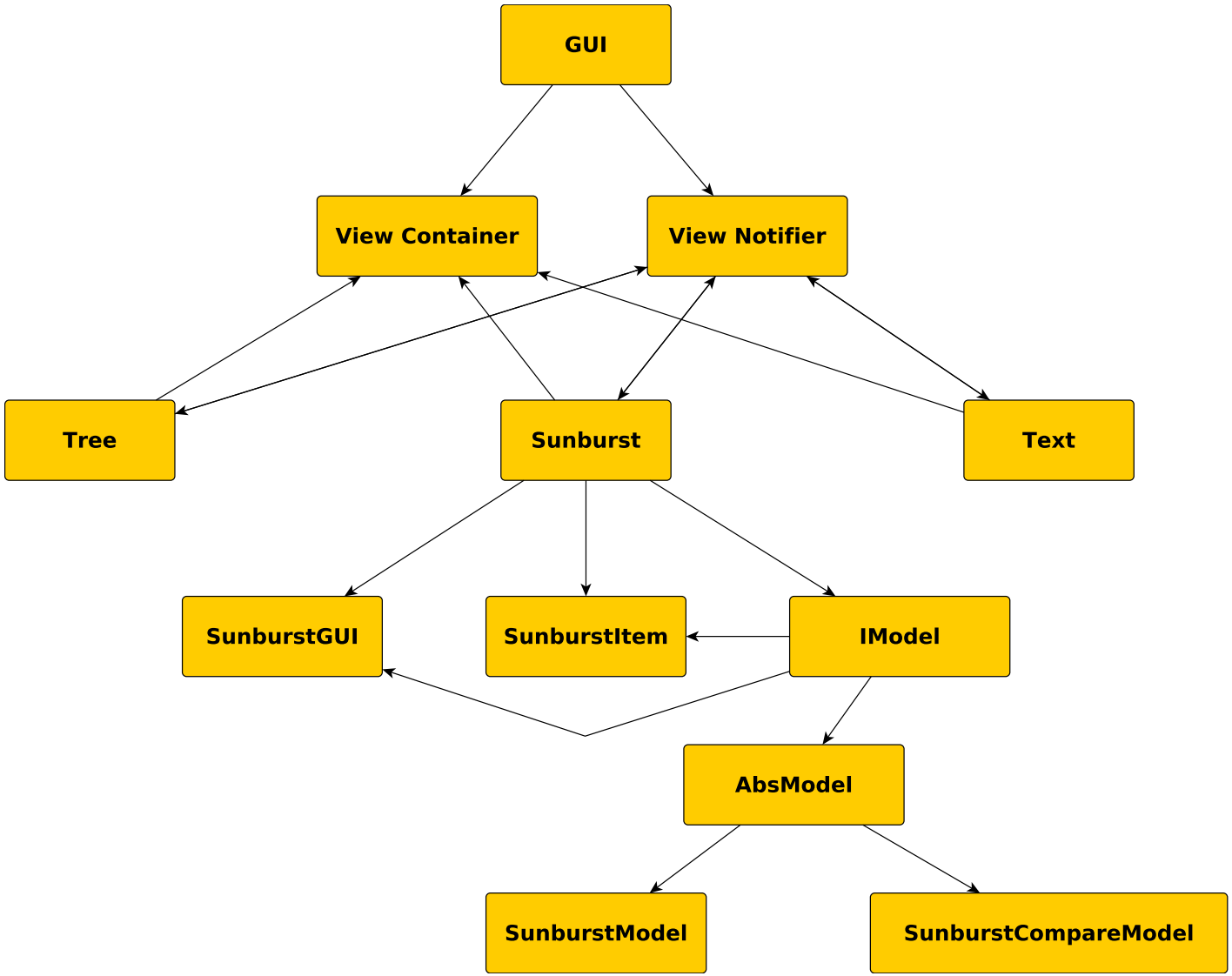
```
1  <foo>
2    <bar></bar>
3    <baz>bl</baz>
4    <foo></foo>hello bello<foo bla='bar'/><do/>
5    <jep>
6    <jep>
7      <klar></klar>
8      super
9      <light/>
10   </jep>
11 </foo>
```

Listing 2: second revision

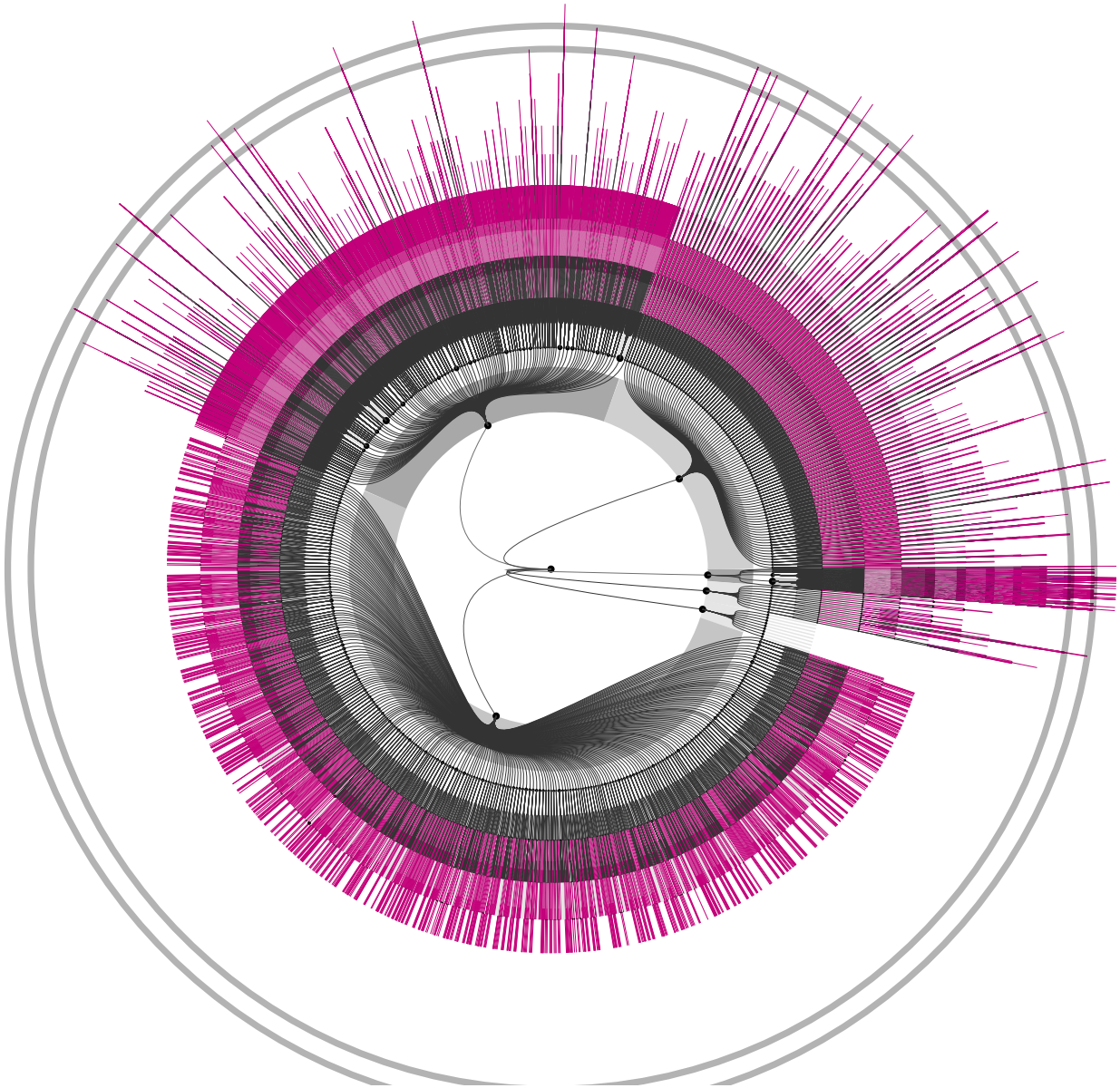
Challenges


Network
preprocessing
Wikipedia
representation
Sunburst
pruning
interaction
responsive
depth
angle
modify
zoom
Treetank Encoding

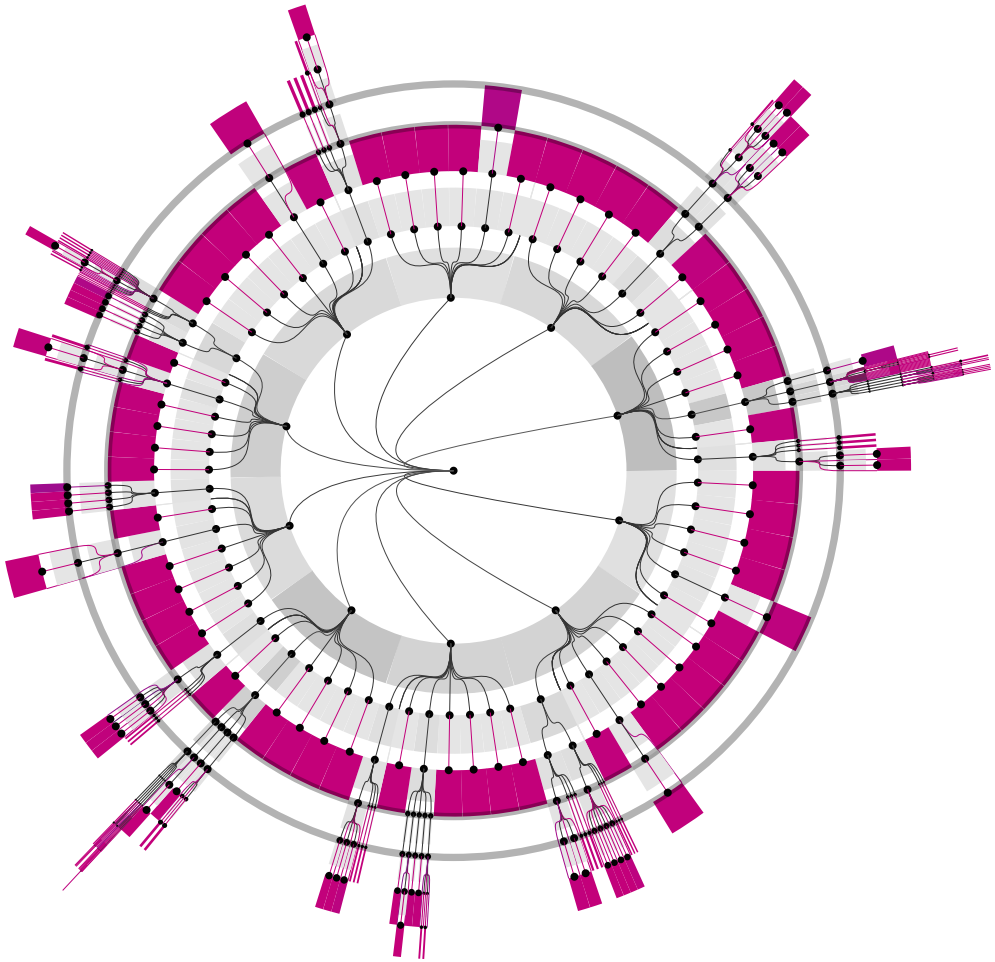
GUI overview



Screenshot



Screenshot



Demo

Demo...

Work to do

- the diff view
- inserting/deleting/renaming nodes
- drag & drop
- working on the framework