

Thesis on External Range Reporting

Agenda for February 29, 2016

Since last meeting

1. Report
 - (a) Added section to *Theory*: child structure
 - (b) Added section to *Implementation*: child structure
 - (c) Added section to *Preliminaries*: B-tree
 - (d) Added figures of query and sweep line
2. Coding
 - (a) Child-structure: Finished with extensive testing
 - (b) Main data structure: Started

Plan until next meeting

1. Report
 - (a) blabla
2. Coding
 - (a) blabla

Questions and remarks

1. Is there are a general L^AT_EX template for theses?
 - (a) Found Anders Møllers template. Are all items needed? Résumé in danish?
2. Gerth's structure is a B-tree on the x values of points. We can have $\mathcal{O}(B)$ points in a node but only have a fanout of $\mathcal{O}(B^\epsilon)$. How?
3. Bottom up and top down filling of underflowing point buffers. This is vague in the paper.

Bug of the week

Anders' L^AT_EX template spells Acknowledgements incorrect in table of contents. Almost all theses using his template has this misspelled.