

Windowing Query

Interval Tree: Construction

- Median

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❖ Let $S = \{ s_1, \dots, s_n \}$ be the set of intervals

❖ Let $P = \partial S$ be the set of all endpoints

// by general position assumption, $|P| = 2n$

❖ Let $\text{median}(P) = x_{\text{mid}}$ be the median of P

