

Windowing Query

Segment Tree

- Query Algorithm

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QuerySegmentTree(v , q_x)

❖ // Find all intervals

// in the (sub)tree rooted at v

// that contain q_x

report all the intervals in $\text{Int}(v)$

if (v is a leaf)

return

if ($q_x \in \text{Int}(\text{lc}(v))$))

QuerySegmentTree($\text{lc}(v)$, q_x)

else

QuerySegmentTree($\text{rc}(v)$, q_x)

