INTERVAL SEARCH TREE DEMO



interval insertion
interval intersection search

click to begin demo

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Interval search trees





Interval insertion

interval intersection search

To insert an interval (lo, hi):

- Insert into BST, using lo as the key.
- Update max in each node on search path.



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interval insertion

Interval intersection search

- If interval in node intersects query interval, return it.
- If left subtree is null, go right.
- If max endpoint in left subtree is less than lo, go right.
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