搜索树应用

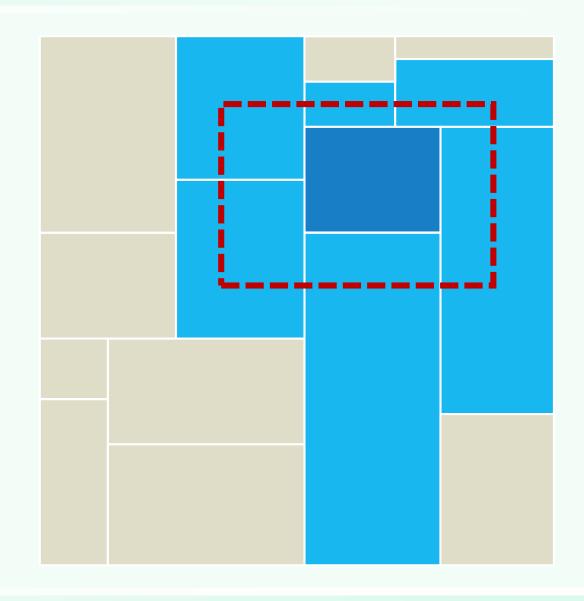
kd-树: 查询

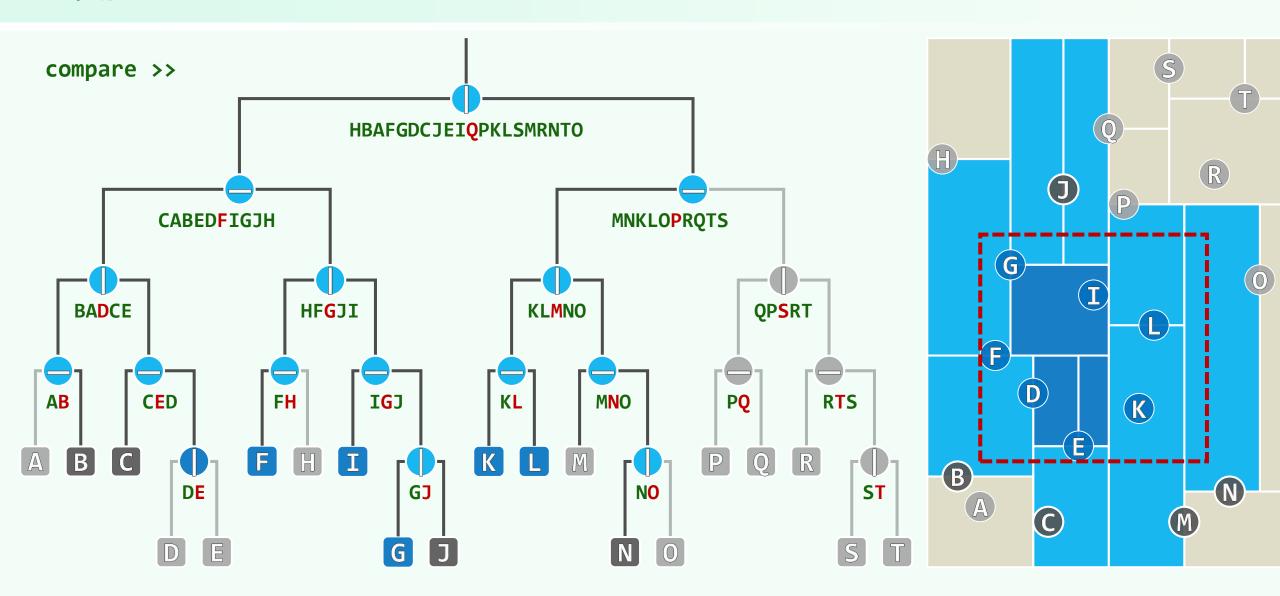
我们竟为这无用的找寻浪费了这么多天我想找寻的心上人绝对不会主这里出现

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查询: 算法kdSearch(v,R): 热刀来切logn层巧克力

```
// Pre-condition: region(v) \cap \partial R \neq \emptyset
- if ( isLeaf( v ) )
      if ( inside( v, R ) ) report(v)
      return
- if ( region( v \rightarrow lc ) \subseteq R )
      reportSubtree( v->lc )
  else if ( region( v \rightarrow lc ) \cap R \neq \emptyset )
      kdSearch( v->lc, R ) //recurse
- if ( region( v \rightarrow rc ) \subseteq R )
      reportSubtree( v->rc )
  else if ( region( v \rightarrow rc ) \cap R \neq \emptyset )
      kdSearch( v->rc, R ) //recurse
```





Bounding Box

