

Disjoint Sets Find

```
1 int DisjointSets::find() {  
2     if ( s[i] < 0 ) { return i; }  
3     else { return _find( s[i] ); }  
4 }
```

Running time?

Structure: A structure similar to a linked list

Running time: $O(h) < O(n)$

What is the ideal UpTree?

Structure: One root node with every other node as it's child

Running Time: $O(1)$

