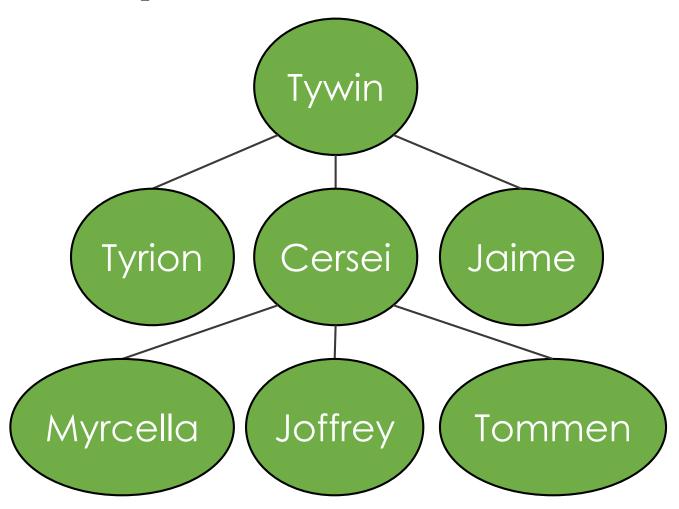
Introduction to Trees



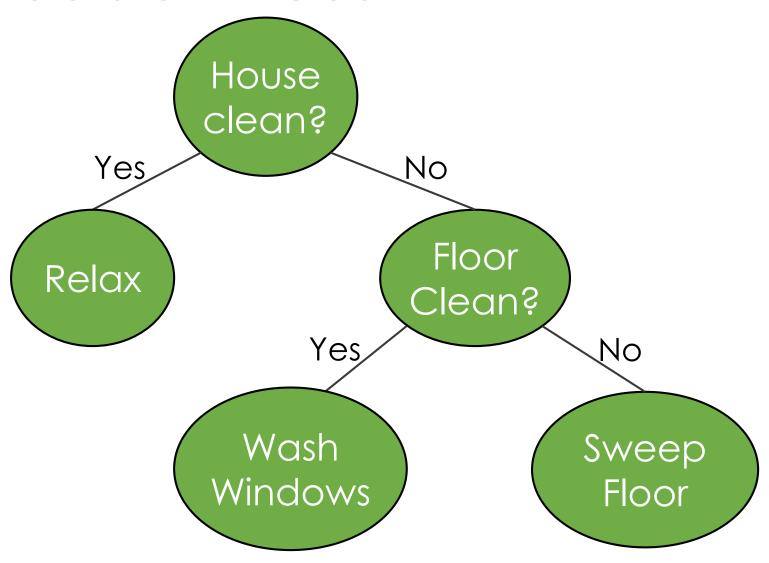
By the end of this video you will be able to...

Describe the value of trees

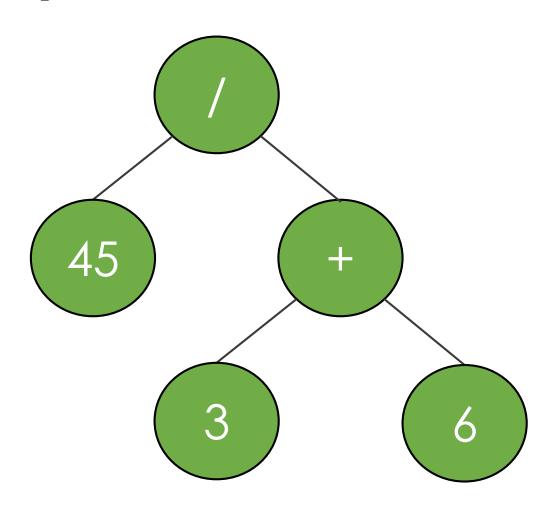
Family Trees



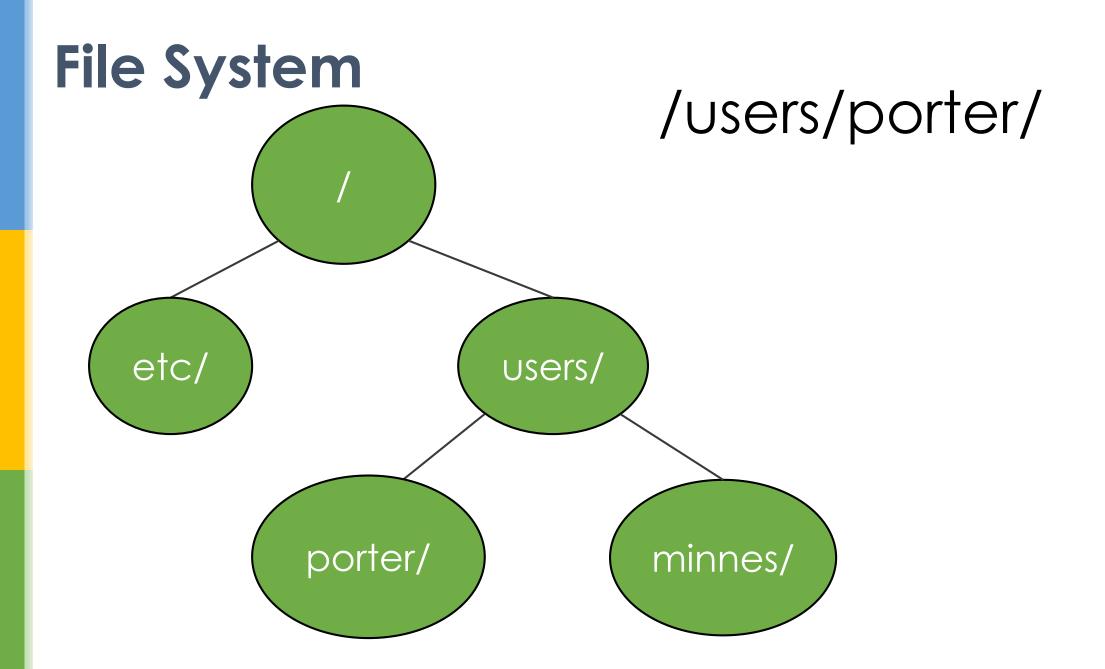
Decision Trees



Expression Trees

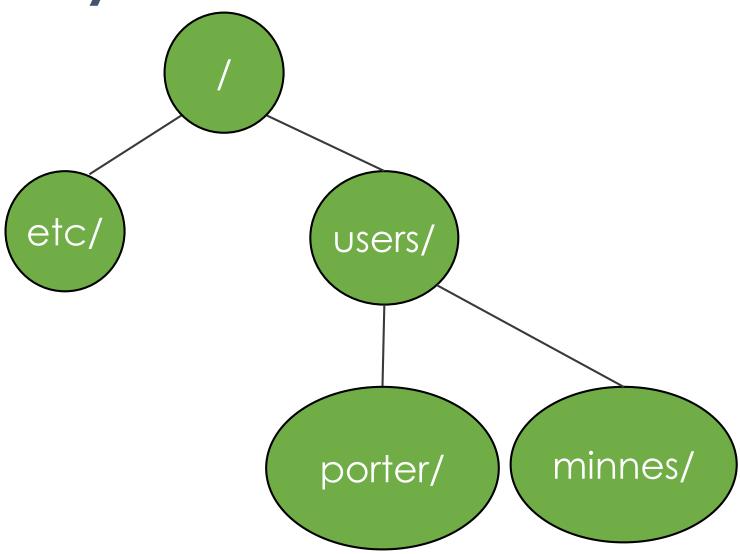


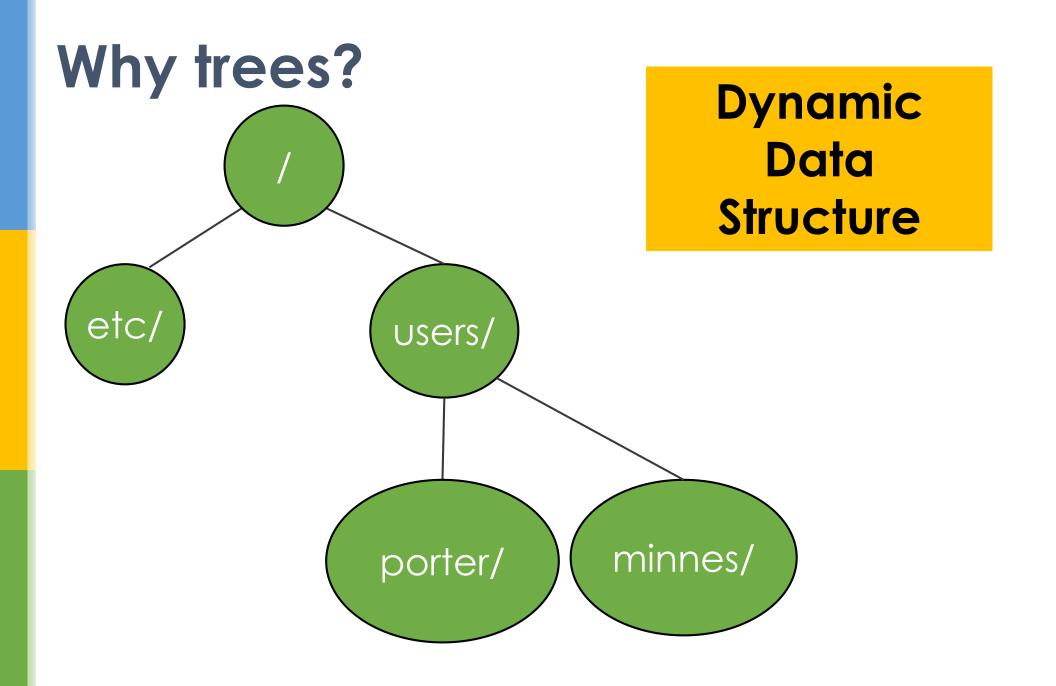
Evaluate: 45 / (3 + 6)

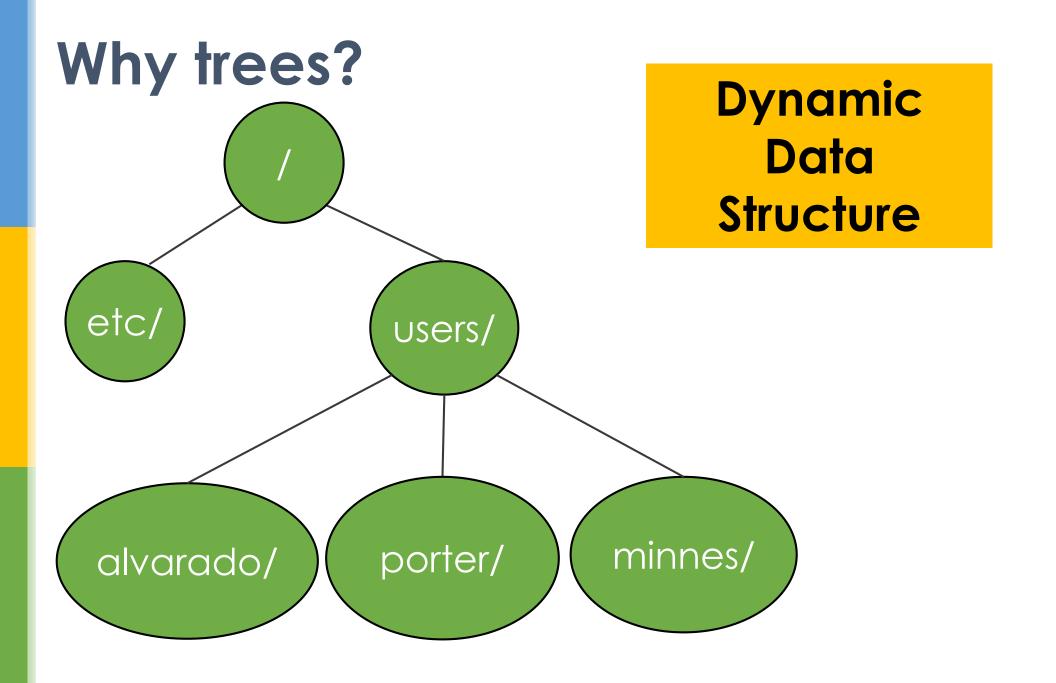


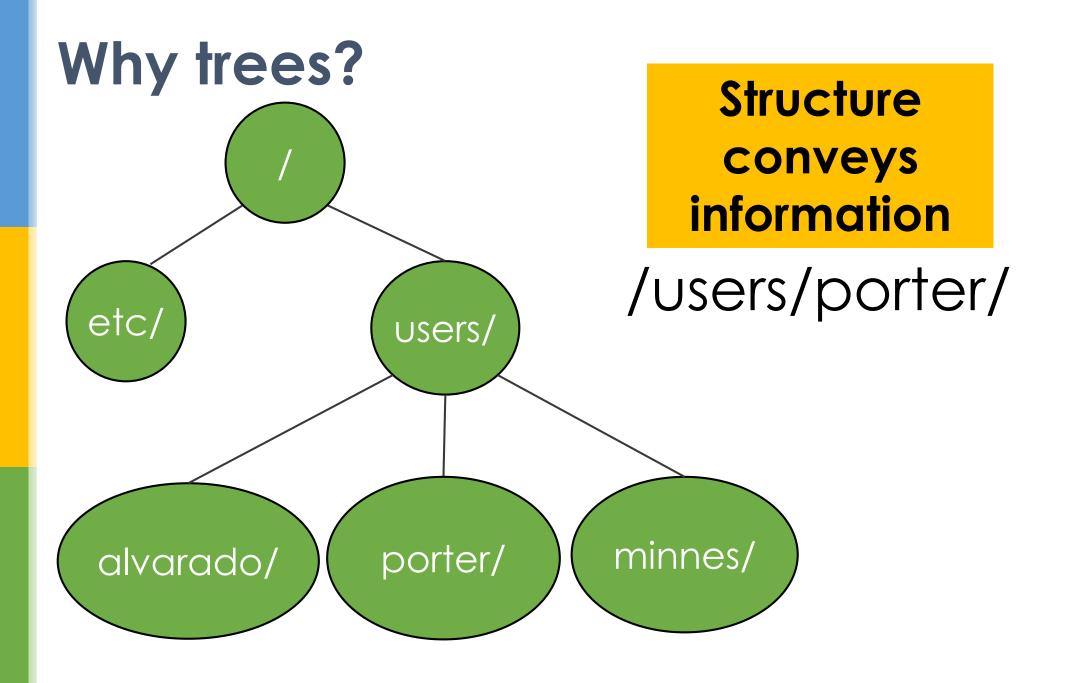


Why trees?









Different organizations → Different Trees

- Root is most important Heap
- Organized by character frequency Huffman Tree
- Organized by node ordering Search Trees
- Etc...

Different organizations → Different Trees

- Root is most important Heap
- Organized by character frequency Huffman Tree
- Organized by node ordering Search Trees
- Etc...

We'll look in detail at a few trees in this lesson...