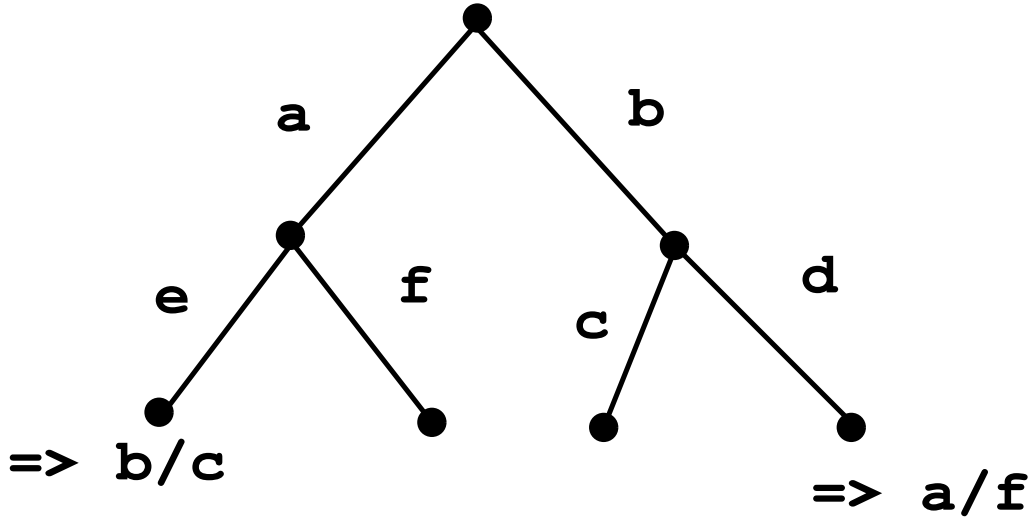
lookup(a/e)

a
[b/c]
b



lookup(b/d)

b
[a/f]
a