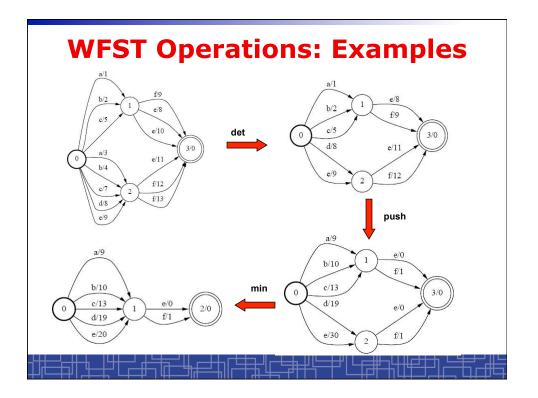
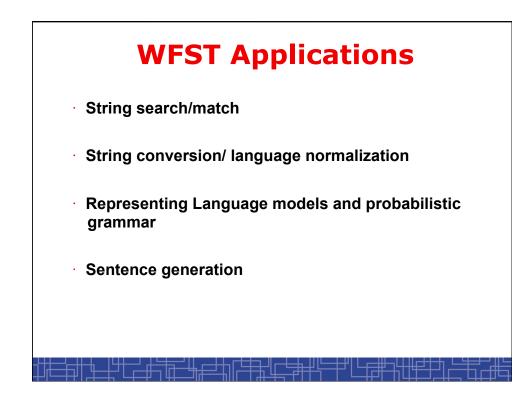
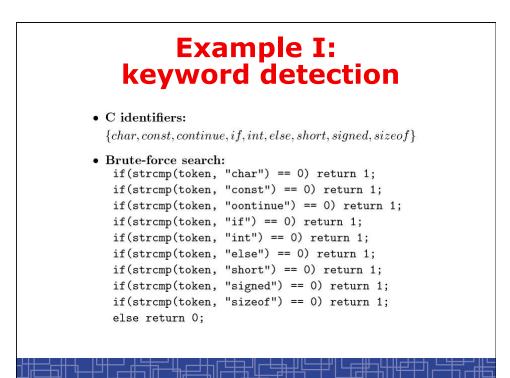
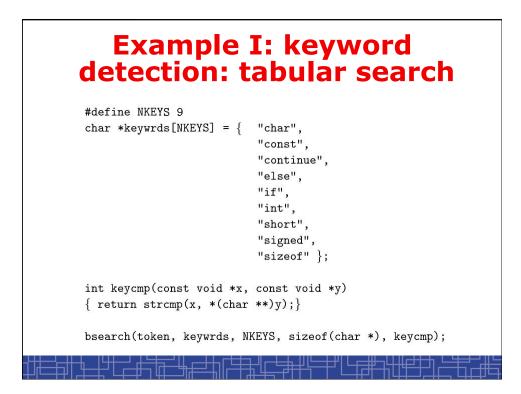


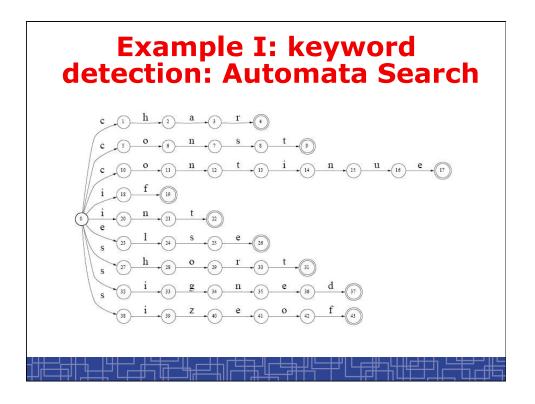
WEST Operations Composition: C = A ∘ B Determinization: D = det(C) deterministic automaton: every state has at most one out-going transition with any given label. Re-weighting (Weight pushing): E = push(D) Minimization: F = min(E)

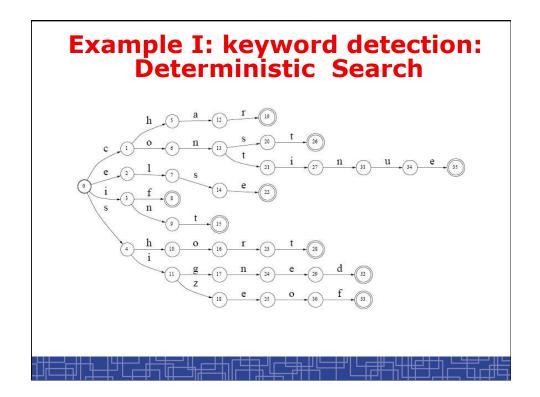


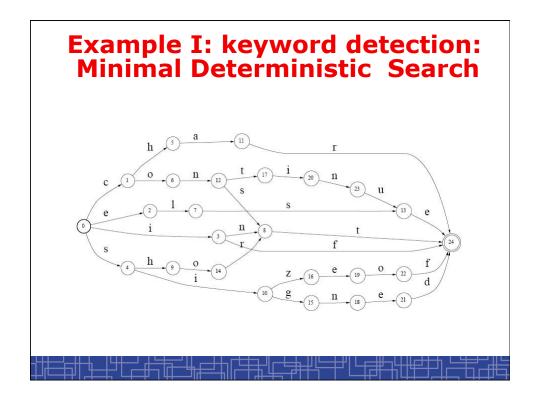












Example II: Context-dependent Phones Monophone vs. Triphone Sentence: How do they turn out later ? Monophones: h aw d uh dh eh t er n aw t l ai t er Triphones: s>-h+aw h-aw+d aw-d+uh d-uh+dh uh-dh+eh ... WFST: mapping context-independent monophones to context-dependent triphones:

