

$$P_{ss'}^a = P(s'|s, a)$$

B,east,C,-1
C,east,D,-1
D,exit,x,+10

B,east,C,-1
C,east,D,-1
D,exit,x,+10

$P(B, \text{east}, C) = 1.00$
 $P(C, \text{east}, D) = 0.75$
 $P(C, \text{east}, A) = 0.25$

$$R_{ss'}^a = E(R|s, a, s')$$

E,north,C,-1
C,east,D,-1
D,exit,x,+10

E,north,C,-1
C,east,A,-1
A,exit,x,-10

$R(B, \text{east}, C) = -1$
 $R(C, \text{east}, D) = -1$
 $R(D, \text{exit}, x) = +10$

