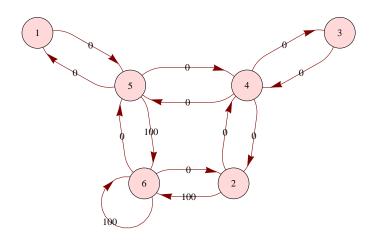
Q LEARNING

Ivan Androš Dejan Peretin Petra Podolski

25. svibnja 2011.





$$Q_{2,6} = R_{2,6} + 0.8 \cdot \max\{Q_{6,2}, Q_{6,5}, Q_{6,6}\} = 100 + 0.8 \cdot 0 = 100$$



$$Q_{2,6} = R_{2,6} + 0.8 \cdot \max\{Q_{6,2}, Q_{6,5}, Q_{6,6}\} = 100 + 0.8 \cdot 0 = 100$$



$$Q_{4,2} = R_{4,2} + 0.8 \cdot \max\{Q_{2,4}, Q_{2,6}\} = 0 + 0.8 \cdot 100 = 80$$



$$Q_{2,6} = R_{2,6} + 0.8 \cdot \max\{Q_{6,2}, Q_{6,5}, Q_{6,6}\} = 100 + 0.8 \cdot 0 = 100$$



$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

PUT: 3

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

 $\mathrm{PUT}:\ 3\ \rightarrow\ 4$

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

 $\mathrm{PUT}:\ 3\ \rightarrow\ 4$

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

 $\mathrm{PUT}: \ 3 \ \rightarrow \ 4 \ \rightarrow \ 2$

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

 $\mathrm{PUT}: \ 3 \ \rightarrow \ 4 \ \rightarrow \ 2$

$$Q = \begin{bmatrix} 0 & 0 & 0 & 0 & 400 & 0 \\ 0 & 0 & 0 & 320 & 0 & 500 \\ 0 & 0 & 0 & 320 & 0 & 0 \\ 0 & 400 & 256 & 0 & 400 & 0 \\ 320 & 0 & 0 & 320 & 0 & 500 \\ 0 & 400 & 0 & 0 & 400 & 500 \end{bmatrix}$$

PUT: 3

