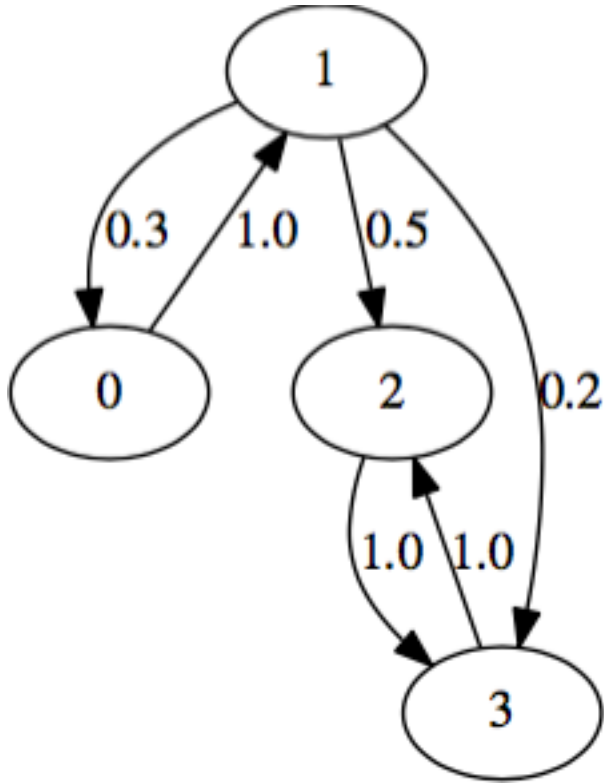


Load an image that represents a graph

In [2]:

```
from IPython.display import Image  
Image(filename='markov.png')
```

Out[2]:



In [6]:

```
import numpy as np
```

In [7]:

```
A = np.zeros((4,4))  
A[1,0] = 0.3  
A[0,1] = 1.0  
A[1,2] = 0.5  
A[1,3] = 0.2  
A[2,3] = 1.0  
A[3,2] = 1.0  
print(A)
```

```
[[ 0.  1.  0.  0. ]  
 [ 0.3 0.  0.5 0.2]  
 [ 0.  0.  0.  1. ]  
 [ 0.  0.  1.  0. ]]
```

In [ ]: