A file that maps Freebase relations and arguments to PropBank relations and arguments.

```
In [51]:  f = open('FB_to_PB.csv','r')
          for line in f.readlines(): print line.strip()
          f.close()

          fb_rel,pb_rel,fb_arg,pb_arg
          acquisition,acquire,company_acquired,ARG1
          acquisition,acquire,acquiring_company,ARG0
```

A function that reads the mappings file.

```
In [52]:  def fb_to_pb_map(map_file):
              f2p = {}
              f = open(map_file,'r')
              header=T
              for line in f:
                  if header or line.strip()=='':
                      header=F
                      continue
                  (fbr,pbr,fba,pba) = line.strip().split(',')
                  if fbr not in f2p: f2p[fbr]={}
                  f2p[fbr][fba] = pba
              f.close()
              return f2p
```

Use the function on the file.

```
In [53]:  f2p = get_map('FB_to_PB.csv')
          print f2p

          {'acquisition': {'company_acquired': 'ARG1', 'acquiring_company': 'ARG0'}}
```

A function that, given a FB instance file, e.g. business/acquisition.tsv, returns a list of new PB instances.

```
In [54]:  import csv
          def pb_instances(fb_file, f2p_map):
              pb = []
              with open(fb_file,'r') as f:
                  for row in csv.DictReader(f,delimiter='\t'):
                      pb.append({f2p[fbr][key]:value for (key,value) in row.iteritems() if key in f2p[

              return pb
```

Test out the PB instance function on the acquisition file.

```
In [55]:  fbr = 'acquisition'
          pb = pb_instances('tmp.business_Freebase/%s.tsv'%fbr, f2p)
          print pb[:10]

          [{'ARG0': 'Art.com', 'ARG1': 'AllPosters.com'}, {'ARG0': 'Hewlett-Packard', 'ARG1':
          'VoodooPC'}, {'ARG0': 'InBev', 'ARG1': 'Anheuser-Busch'}, {'ARG0': 'Sugar, Inc.', 'ARG1':
          'Coutorture'}, {'ARG0': 'Scripps Network', 'ARG1': 'Incando Corporation'}, {'ARG0': 'Vast',
          'ARG1': 'Edgeio'}, {'ARG0': 'Comcast', 'ARG1': 'TechTV'}, {'ARG0': 'Microsoft', 'ARG1':
          'Jellyfish'}, {'ARG0': 'MSNBC Interactive', 'ARG1': 'Newsvine'}, {'ARG0': 'Pearson PLC',
          'ARG1': 'Longman Publishing Group'}]
```

```
In [ ]:
```