In [1]:
```
import pandas as pd
from matplotlib import pyplot as plt
%matplotlib inline
import seaborn as sns
import numpy as np
from sklearn import linear_model
```

In [76]:
```
df=pd.read_csv('try.csv')
```

In [77]:
```
df.head()
```

Out[77]:

| | Date | first | second | Match | Ground / Location | Result |
|---|---|---|---|---|---|---|
| **0** | 6/2/14 | New Zealand | India | 1st Match: New Zealand v India | Eden Park, Auckland | Loss |
| **1** | 14/02/2014 | New Zealand | India | 2nd Match: New Zealand v India | Basin Reserve, Wellington | Draw |
| **2** | 9/7/14 | England | India | 1st Match: England v India | Trent Bridge, Nottingham | Draw |
| **3** | 17/07/2014 | England | India | 2nd Match: England v India | Lord's, London | Won |
| **4** | 27/07/2014 | England | India | 3rd Match: England v India | The Rose Bowl, Southampton | Loss |

In [78]:
```
df.groupby(['first','Result']).count()
#plt.bar(df.groupby(['first','Result']).count(),df['first'])
```

Out[78]:

| | | Date | second | Match | Ground / Location |
|---|---|---|---|---|---|
| **first** | **Result** | | | | |
| **Australia** | **Draw** | 2 | 2 | 2 | 2 |
| | **Loss** | 2 | 2 | 2 | 2 |
| **Bangladesh** | **Draw** | 1 | 1 | 1 | 1 |
| **England** | **Draw** | 1 | 1 | 1 | 1 |
| | **Loss** | 3 | 3 | 3 | 3 |
| | **Won** | 1 | 1 | 1 | 1 |
| **New Zealand** | **Draw** | 1 | 1 | 1 | 1 |
| | **Loss** | 1 | 1 | 1 | 1 |

In [75]:
```
p=df.groupby(['Date','Result']).count()
q=df['Date']
print(p)
print(len(q))
#plt.bar(df.Result,df.Date)

objects = df.Date #('Python', 'C++', 'Java', 'Perl', 'Scala', 'Lisp')
y_pos = np.arange(len(df.Date)) #np.arange(len(objects))
performance = df.Result#[x for x in range(len(df.Date))]#[10,8,6,4,2,1]
plt.bar(y_pos,performance,align='center',alpha=0.5)
yt=np.arange(len(df.Result.unique()))
plt.xticks(y_pos, objects,rotation=90)
plt.yticks(yt,['0','Loss','Draw','Win'])
#plt.xlabel(df.Date,rotation=90)
#plt.xticks(df.Result,df.Date)
```

```
                    first  second  Match  Ground / Location
Date       Result
10/6/15    2            1       1      1                  1
14/02/2014 2            1       1      1                  1
15/08/2014 1            1       1      1                  1
17/07/2014 3            1       1      1                  1
17/12/2014 1            1       1      1                  1
26/12/2014 2            1       1      1                  1
27/07/2014 1            1       1      1                  1
6/1/15     2            1       1      1                  1
6/2/14     1            1       1      1                  1
7/8/14     1            1       1      1                  1
9/12/14    1            1       1      1                  1
9/7/14     2            1       1      1                  1
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```

Out[75]:
```
([<matplotlib.axis.YTick at 0x17ae82922e8>,
  <matplotlib.axis.YTick at 0x17ae7c336a0>,
  <matplotlib.axis.YTick at 0x17ae8277dd8>],
 <a list of 3 Text yticklabel objects>)
```