In [3]:

```python
import matplotlib
import pandas as pd
%matplotlib inline
```

In [5]:

```python
# Read the CSV File into a Dataframe
user_dataset = './events_recommender/resources/user_dataset.csv'
```

In [8]:

```python
# Load the CSV File into a Pandas Dataframe
user_df = pd.read_csv(user_dataset)
```

In [9]:

```python
user_df.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 954 entries, 0 to 953
Data columns (total 2 columns):
user_id    954 non-null object
city       669 non-null object
dtypes: object(2)
memory usage: 15.0+ KB
```

In [12]:

```python
user_df.groupby('city')['user_id'].count().plot.bar(width=1,log=True)
```

Out[12]:

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f19ddafc0b8>
```