OnsetDetection

April 16, 2018

```
In [16]: %matplotlib inline
        import numpy, scipy, matplotlib.pyplot as plt, IPython.display as ipd
        import librosa, librosa.display
        import stanford_mir; stanford_mir.init()

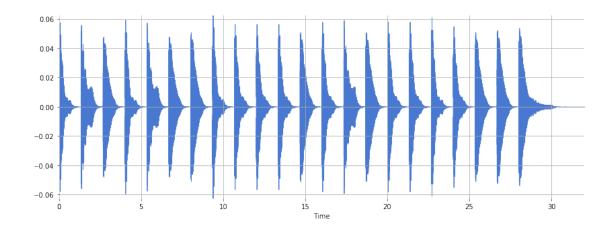
In [25]: x, sr = librosa.load('/Users/nickpourazima/GitHub/he-sm/AudioFiles/staccato_44.1_16bir_print(x.shape, sr)

(705600,) 22050

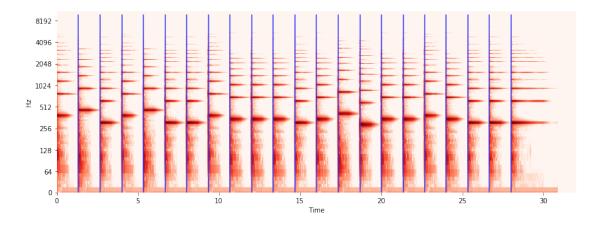
In [26]: plt.figure(figsize=(14, 5))
```

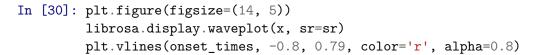
Out[26]: <matplotlib.collections.PolyCollection at 0x114eb3898>

librosa.display.waveplot(x, sr)



Out [29]: <matplotlib.collections.LineCollection at 0x114e72e80>





Out[30]: <matplotlib.collections.LineCollection at 0x1140e7a58>

