demo results

Spectrogram

Spectrogram
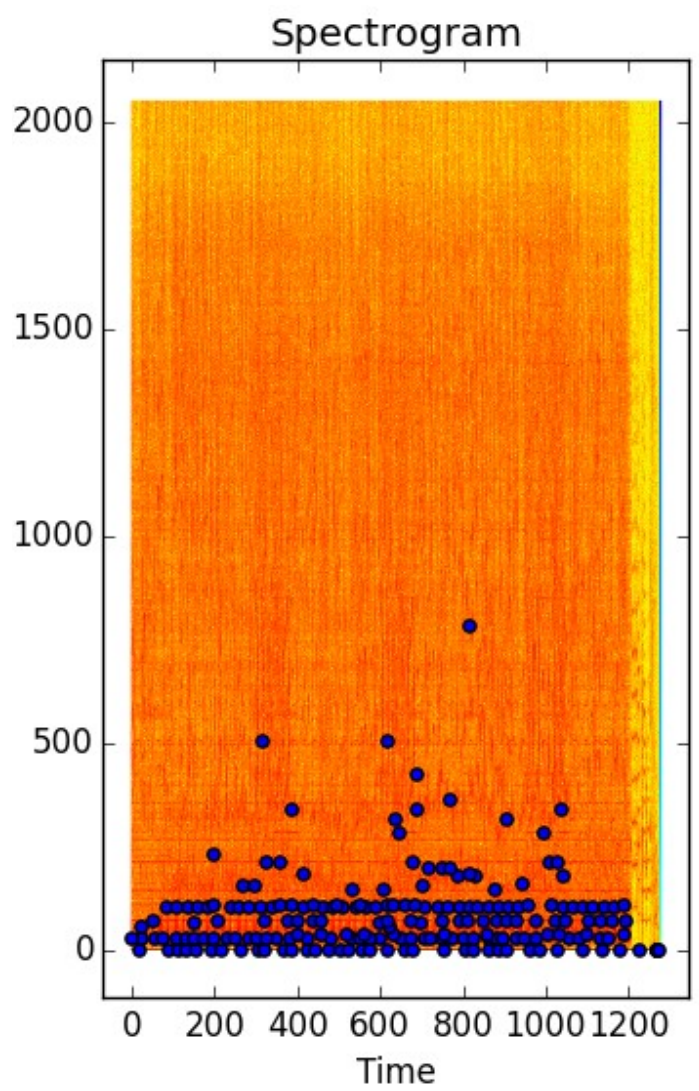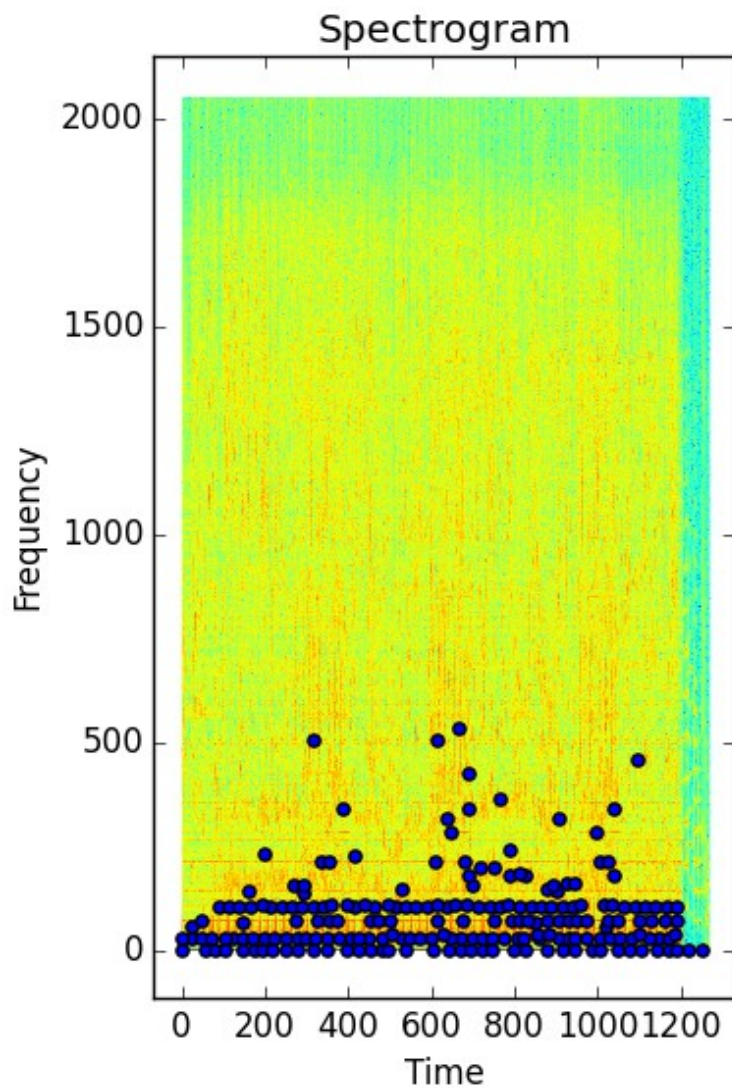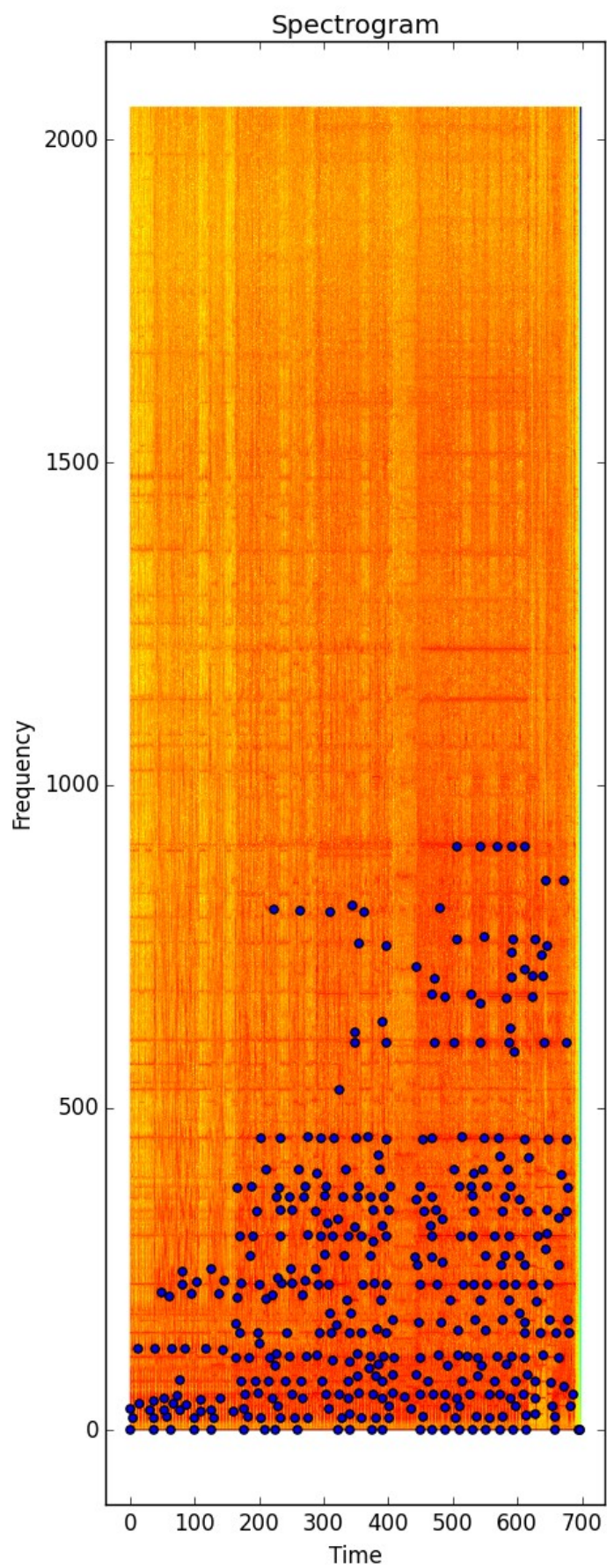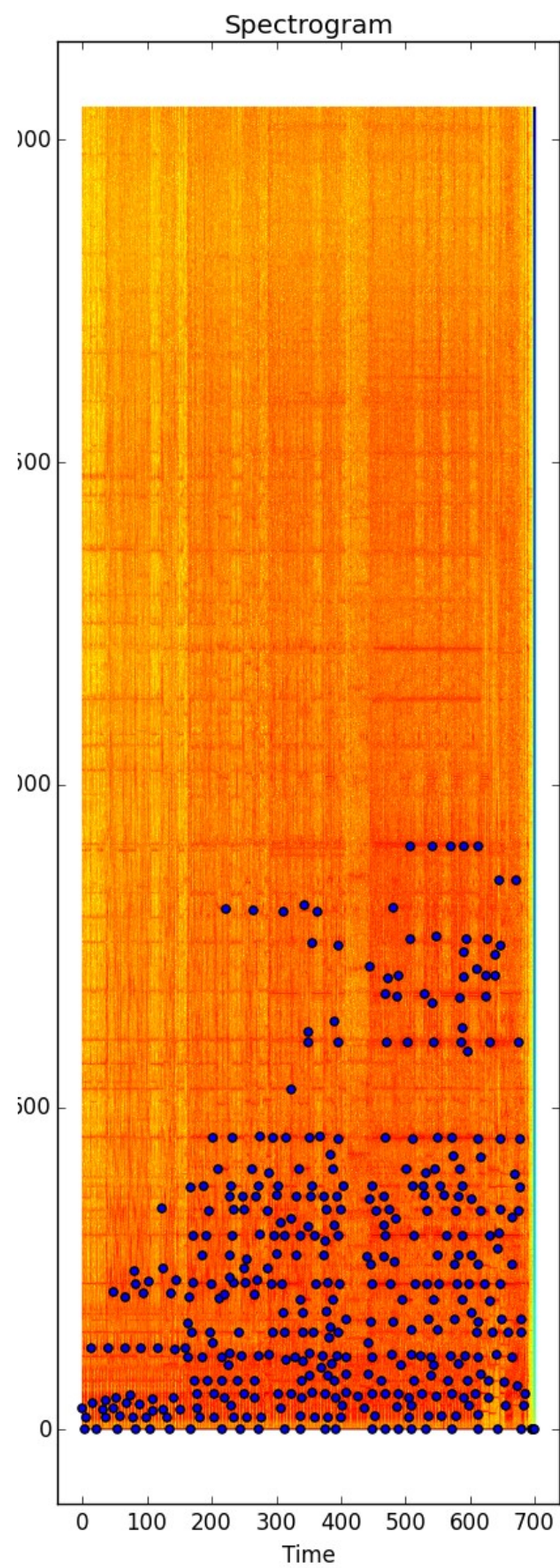

1) 5: 42 original song1
2) 5:26 different song1
3) 5:11 instrumental version song1

4) song2_1

5) song2_2

comparison test:

```
original  - len(hashes1)
new       - len(hashes2)
common fp - len(hashes2.intersection(hashes1))
union fp  - len(union)
fp metric - common/union
```

song1 Vs song1
```
original              2699
new                   2699
common fp             2699
union fp              2699
```
fp metric   1.0

song1 Vs song1 526
```
original              2699
new                   2828
common fp             1170
union fp              4357
```
fp metric   0.268533394538

song1 Vs song1 511 instrumental
```
original              2699
new                   1854
common fp             300
union fp              4253
```
fp metric   0.0705384434517

song1 Vs song2
```
original              2699
new                   6789
common fp             12
union fp              9476
```
fp metric   0.00126635711271

song2_1 Vs song2_2
```
original              6789
new                   6866
common fp             5411
union fp              8244
```
fp metric   0.656356137797