style transfer #2

June 12, 2020

```python
[9]: import pandas as pd
     import numpy as np
     import math
     from miditime.miditime import MIDITime
     from mido import MidiFile, Message
```

```python
[10]: SD_mid=MidiFile("myfile.mid")

      # mymidi.save_midi()
      # timidity myfile.mid
```

```python
[11]: def change_all_instrument(tracks, num, cha):
          for i in tracks:
              i.insert(0,Message('program_change', program=num, time=0, channel=cha))

      def change_all_channel(tracks, num):
          for i in tracks:
              for j in i:
                  try:
                      j.channel=num
                  except Exception:
                      print(j)
```

```python
[13]: change_all_instrument(SD_mid.tracks,56,0) # Trumpet
      change_all_channel(SD_mid.tracks, 1)
      SD_mid.tracks.extend(SD_mid.tracks)
      SD_mid.save('results/trumpet-one.mid')
      # mymidi.save_midi()
```

```
<meta message track_name name='Track 0' time=0>
<meta message set_tempo tempo=500000 time=0>
<meta message end_of_track time=0>
<meta message track_name name='Track 0' time=0>
<meta message set_tempo tempo=500000 time=0>
<meta message end_of_track time=0>
```

```python
[ ]:
```