

# Music21: attempt at feature extraction

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# Music21

- a Python-based toolkit for computer-aided musicology
- a project nurtured at MIT
- <http://web.mit.edu/music21/>

# MusicXML Parsing

- Call MuseScore/Sebilus/Fenale to display score
- Parse MusicXML (or other format) into note stream

MuseScore: tmptd6guwv0

文件(F) 编辑(E) 视图(V) 添加(A) 音符(N) 布局(L) 样式(S) 插件(P) 帮助(H)

100% 页面视图

符号面板

- > 倚音
- > 谱号
- > 调号
- > 拍号
- > 小节线
- > 线条记号
- > 装饰音与演奏记号
- > 临时升降号
- > 力度记号
- > 重复与跳转
- > 速度
- > 文字
- > 换行符与占位符
- > 符号属性

tmptd6guwv0

### Mozart: Mozart Rondo Alla Turca

Piano

Allegretto

Piano

6

Pno.

Pno.

G#5	80.0
E4	64.0
E3	52.0
E5	76.0
A4	69.0
A2	45.0
A3	57.0
C#5	73.0
A3	57.0
C#6	85.0
A3	57.0
A5	81.0
A2	45.0
A3	57.0
A3	57.0
A3	57.0
A5	81.0

# Feature extraction

