

Music Experiment

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The first three sections are from <https://martin-thoma.com/how-to-write-music-with-latex/>. He has some notes, and also talks about LilyPond.

I need to do much more extensive research. <http://tug.ctan.org/info/latex4musicians/latex4musicians.pdf> is a good place to start.

Also, see the following links:

1. <https://tex.stackexchange.com/questions/855/can-i-create-music-sheets-with-latex>
2. LilyPond
3. <https://texfaq.org/FAQ-music>

1 Package wasysym

```
\eighthnote ~~~ \halfnote ~~~ \twonotes ~~~ \fullnote ~~~  
\quarternote ~~~ $\natural$ ~~~ $\flat$ ~~~ $\sharp$
```

♪ ♪ ♫ . ♫ ♮ ♭ ♯

2 Package harmony

```
\noindent \AAcht ~~~ \Acht ~~~ \AchtBL ~~~ \AchtBR ~~~ \AcPa \\  
\DD ~~~ \DDohne ~~~ \Dohne ~~~ \Ds ~~~ \DS \\  
\Ganz ~~~ \GaPa ~~~ \Halb ~~~ \HaPa ~~~ \Pu ~~~ \Sech \\  
\SechBL ~~~ \SechBl ~~~ \SechBR ~~~ \SePa ~~~ \UB ~~~ \Vier \\  
\ViPa ~~~ \VM ~~~ \Zwdr ~~~ \ZwPa
```

Not installed on this system. Need to research.

3 Package ABC

```
\begin{abc}[name=c-dur]  
X: 1 % start of header  
K: C % scale: C major  
"Text"c2 G4 | (3FED c4 G2 |  
\end{abc}
```

Not installed on this system. Need to research.