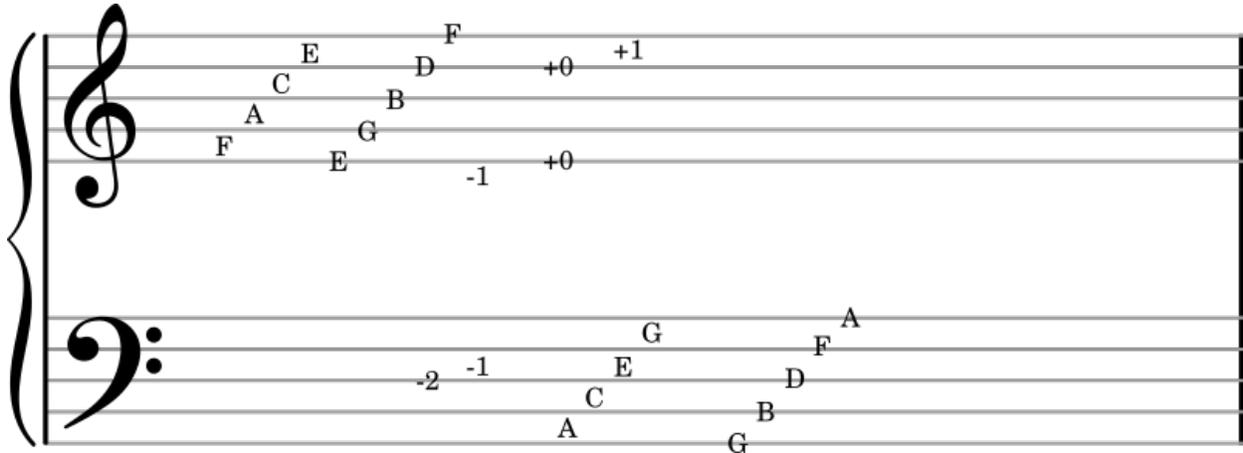


## Astounding Scripts "piano" notation



### Music notation

note letter	a note of the form A, B, C, D, E, F, G
sharp notes	add + to the note letter (F+)
flat notes	add - to the note letter (B-)
natural note	add = to the note letter (E=)
dotted note	add one or more "." to notes. The first "." increases note duration by one half; the second period by another quarter; the third by another eighth, and so on
duration number	whole note: 1; half note: 2; third note: 3; quarter note: 4; up to a 32 <sup>nd</sup> note
tempo name	tempos: lento (42), largo (48), adagio (60), andante (75), moderato (90), allegretto (104), allegro (120) vivace (136), presto (170), or prestissimo (200)
--tempo <number>	change tempo to that many beats per minute from this point on
--key <note letter and sharp/flat>	change to that key (A-, B, F+, etc.)
--velocity <number>	change the volume to that number, from 1 to 127
v+/v-/v=	change volume by +10, -10, or restore to last --velocity. +/- can be repeated
+/-/=	raise or lower octave by one for each + or -, or restore octave to treble clef
	ignored, for use marking measures
[...]	notes enclosed in brackets are played at the same time as notes following brackets
"..."	notes enclosed in quotes are played at the same time, as chords; they are played with the same duration, but individual notes can be dotted

### General options

--help	print the help text
--example [name]	insert a random or named example; names are kitty, tell, cuckoo, and v
--repeat [x]	repeat the entire piece once, or x times
--transpose [x]	transpose entire piece that many intervals
--save <filename>	save the piece to a MIDI file
<filename>	insert a file of notes at this point in the piece

### Example

```
$ ~/bin/piano --key A 8 "-D. F." 16 "E G" 8 "-D F" "-C E" "-D F" "E G" 4 "F A"
8 "-C. E." 16 "-D F" 8 "-C E" "-B -D" "-A -C" "-B -D" "-C E" R
"-D. F." 16 "E G" 8 "-D F" "-C E" "-D F" "E G" "F A" "-D F"
"-C E" "-C A" "-D G" "-D B" 4 "-C A" 8 "-C A"
```