

Instrument Chord

Chords 101

Note - A sound comprising a single pitch/frequency

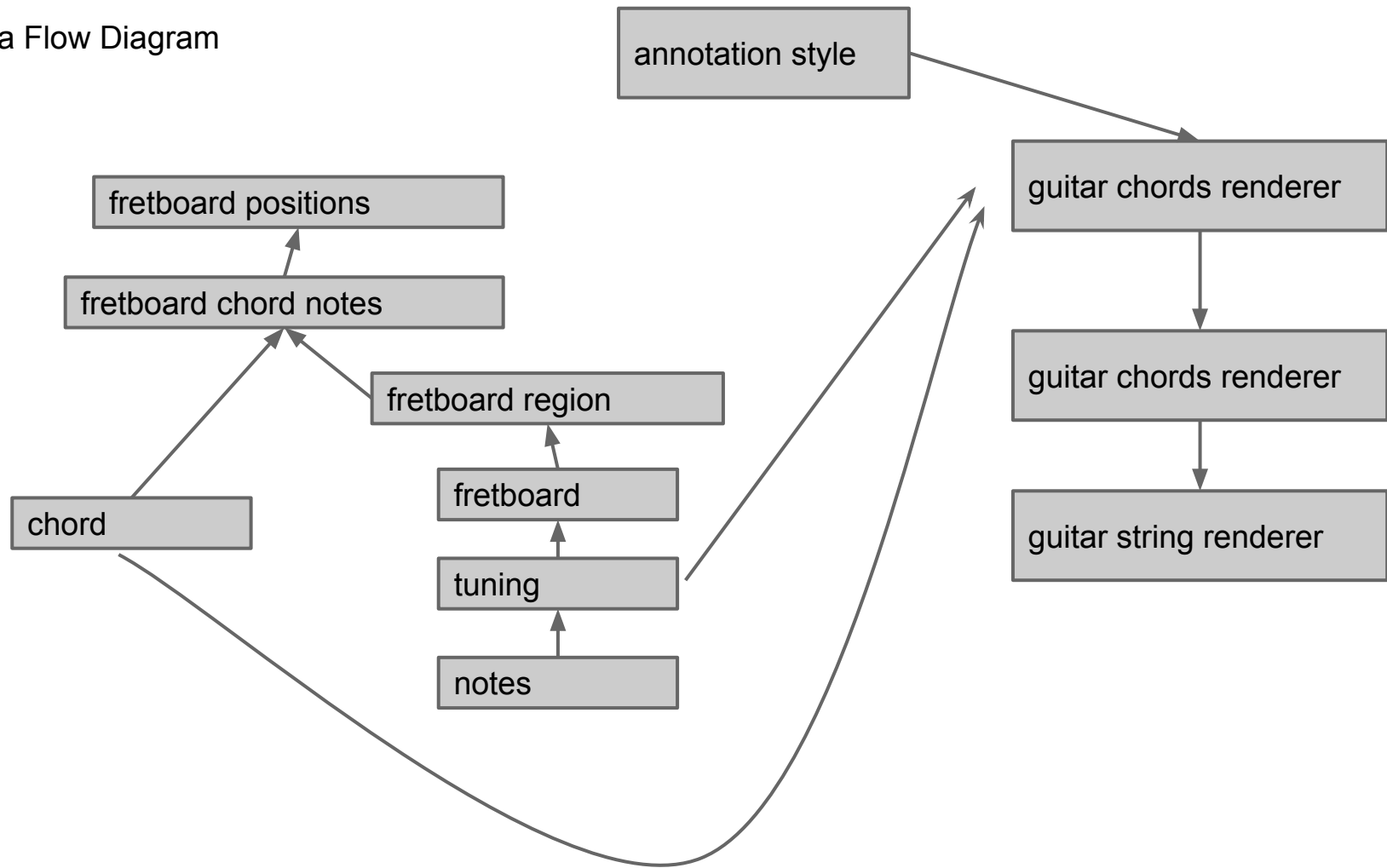
Chord - A sound comprised of multiple notes

Guitar Chord - Description of how to play a sound on a guitar.

Instrument chord objective #1

1. Take musical chord generate descriptions on how to play them.

Data Flow Diagram



Dependencies - all on hackage

- Music-diatonic
- Diagrams (for rendering)
- Containers (set)
- base

Tools

- ghc
- vim
- hoogle
- pointfree
- live-source
- haskell-interpreter

Tools continued... (distribution)

- Cabal
- Hackage hackage.haskell.org/instrument-chord
- Haddock (from hackage)
- Github
- Script for generating markdown Readme

Distribution architecture

1. Instrument-chord - Functions for finding chord shapes and rendering to ascii
2. Instrument-chord - Diagrams - draw chord diagrams
3. Instrument-chord-lens - Simplified interface

Project Goals

- Render common chords on in guitar + piano layout on ascii.
- Render piano inversions
- Support multiple guitar tunings
- Render to images
- Find chord shapes with muted notes
- Render high open notes-

Status - beta

- render common chords on in guitar + piano layout on ascii 🎵
- render piano inversions 🎵
- support multiple guitar tunings 🎵
- render to images 🎵
- find chord shapes with muted notes ✗
- render high open notes ✗