



alda

Musical Programming Language

By: Mirette Dahab



Introduction



Who developed it?

Dave Yarwood

- University of North Carolina - Chapel Hill
- Bassoon Performance and Music composition
- Programmer



Why?

- Make composing music easier.

For Whom?

- Musicians with no programming experience
and Programmers with no music experience



Sibelius



The screenshot displays the Sibelius software interface with a musical score for acoustic guitar. The score is in 4/4 time and features a melody in the treble clef and a guitar tablature in the bass clef. The key signature has three sharps (F#, C#, G#). The score includes a dynamic marking of *mf* and a crescendo hairpin. Above the staff, guitar chord diagrams are shown for E, E/D#, C#, A, F#, and B. The tablature below the staff uses numbers 1-4 to indicate fret positions. The software interface includes a menu bar (File, Home, Note Input, Notations, Text, Play, Layout, Appearance, Review, View), a ribbon with various notation tools (Slur, Crescendo, Decrescendo, Trill, Glissando, Rit.), and a keypad on the right side. The status bar at the bottom shows: Page 1 of 1, Bars: 5, Acoustic Guitar, Bar 3, beat 1, Timecode: 4.8", Pitch: E4, Notehead: Normal (0), Create Note, Concert pitch, Magnetic Layout: Default, Staff size: 7.0mm, and a zoom level of 231.55%.



Sibelius



Too Distracting!!

The screenshot displays the Sibelius software interface. At the top, there is a menu bar with options: File, Home, Note Input, Notations, Text, Play, Layout, Appearance, Review, and View. Below the menu bar is a ribbon with various musical notation tools such as Slur, Crescendo, Decrescendo, Trill, Glissando (straight), and Glissando. The main workspace shows a musical score for acoustic guitar. The score includes a standard staff with notes and a guitar tablature staff below it. The tablature staff shows fret numbers (2, 2, 4, 1, 2, 2, 1, 4, 2, 2) and a dynamic marking of *mf*. A keypad window is visible on the right side of the score. The status bar at the bottom indicates: Page 1 of 1, Bars: 5, Acoustic Guitar, Bar 3, beat 1, Timecode: 4.8", Pitch: E4, Notehead: Normal (0), Create Note, Concert pitch, Magnetic Layout: Default, Staff size: 7.0mm, and a zoom level of 231.55%.





Clojure

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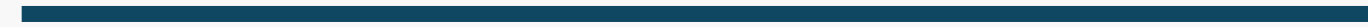


Demo!



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Resources



- [alda web workspace](#)
- [alda cheat sheet](#)
- [Dave Yarwood- blog and alda documentation](#)





Thank you

Any Questions?

