

Prideris

Arrangement

• serialisable (file format)





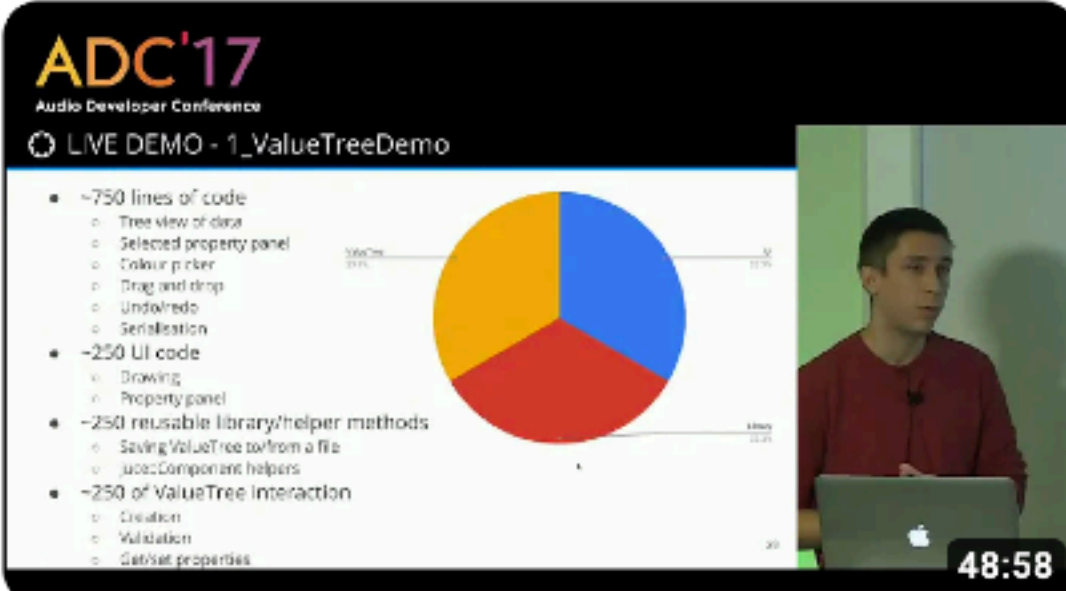
undo/reedo

• Copy/Poste

• shareable (file references)

Using JUCE Value Trees and Modern C++ to Build Large Scale Applications

youtu.be/3laMjH5lBEY



ADC'17
Audio Developer Conference

LIVE DEMO - 1_ValueTreeDemo

- ~750 lines of code
 - Tree view of data
 - Selected property panel
 - Colour picker
 - Drag and drop
 - Undo/redo
 - Serialisation
- ~250 UI code
 - Drawing
 - Property panel
- ~250 reusable library/helper methods
 - Saving/ValueTree to/from a file
 - JUCE::Component helpers
- ~250 of ValueTree Interaction
 - Creation
 - Validation
 - Get/set properties

48:58

David Rowland - Using JUCE value trees and modern C++ to build large scale applications (ADC'17)

8.8K views • 5 years ago



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Using JUCE value trees and modern C++ to build large scale applications David Rowland, Lead Software Developer, Tracktion ...



Value Tree are Like XML | Serialise Non-primitive Data to Strings | Reduce Boilerplate with...

7 moments ▾

D: 815

£245k

Arrangement

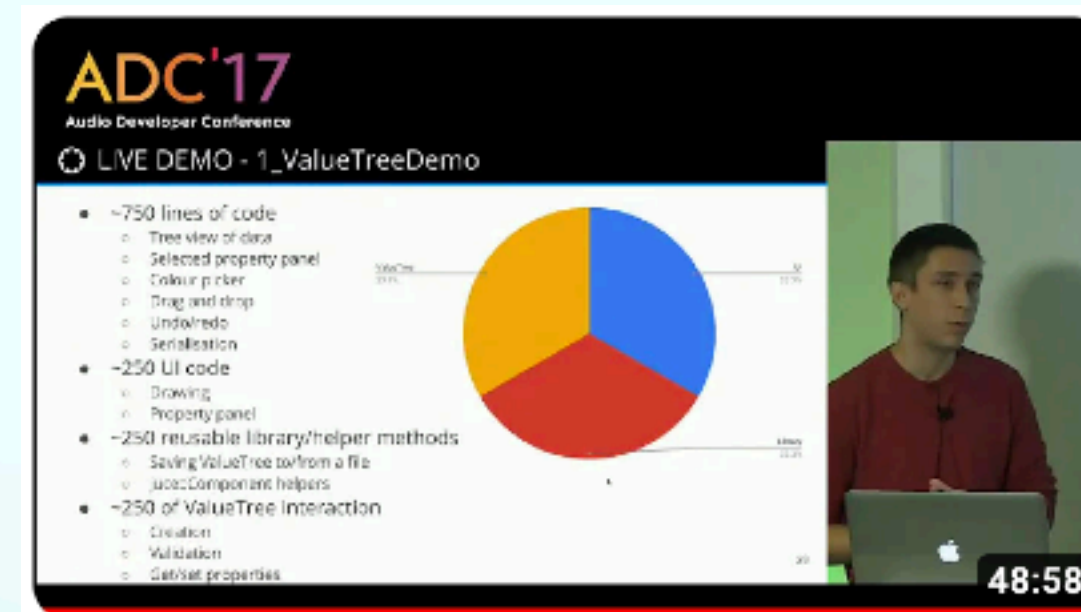
Problems

- Serialisable (file format)
- Scale
- Expandable
- Undo/redo
- Copy/paste
- Sharable (file references)

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ADC ADC - Audio Developer Conference

Using JUCE **value trees** and modern C++ to build large scale applications David Rowland, Lead Software Developer, Tracttion ...



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Arrangement

Data model to playback graph