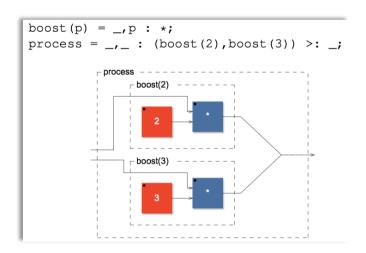


The Ubiquity of Digital Audio Processing

FEEVER: Faust Environment Everyware.

Design, implementation and **validation** of innovative technologies for everywhere seamless **audio processing**:

- Portability;
- Programmability;
- Ease of deployment;
- Efficiency;
- Security.





Turenas Live, Stanford University, 2014

Faust, the audio **programming language**:

- Audio end user-focused;
- Compiled vs. interpreted;
- Specifying DSP at a high level;
- Functional and text-oriented;
- Adaptable to many audio architectures.



Sounds Everywhere....

Ambitious R&D goals for a comprehensive solution to audio processing, distribution and playback on all platforms (internet, mobile devices, specialized hardware...):

- **Theory** (formal semantics, proofs);
- Compiler optimizations;
- Extension of audio architectures;
- Education content.













FEEVER team:

- MINES ParisTech (lead, Paris);
- GRAME-CNCM (Lyon);
- CIEREC (St-Etienne);
- IRISA (Rennes).



www.feever.fr