

FEEVER : Kickoff Meeting

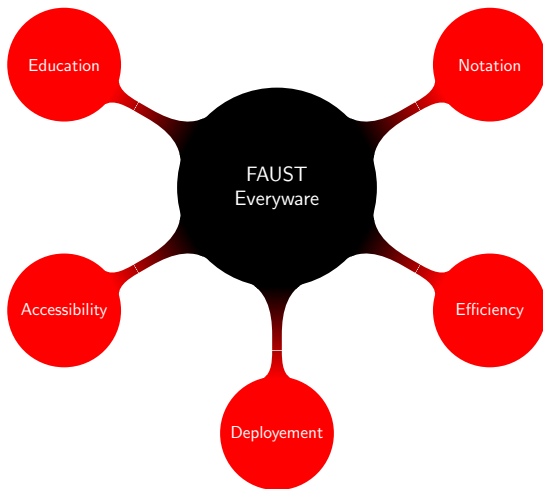
Yann Orlarey, Stéphane Letz

GRAME – Centre National de Création Musicale

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FEEVER: FAUST Everyware

What are we aiming for ?



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- Notation: we want FAUST to be the best possible notation to describe signal processors
- Efficiency: we want to automagically generate the best possible implementation from these descriptions.
- Deployment: we want to automagically generate implementations for all possible targets.
- Accessibility: we want the FAUST compilation technology to be easily and everywhere available.
- Education: we want everybody concerned to learn and use FAUST.

FEEVER: FAUST Everyware

What are we aiming for ?



- Notation: T1 Model, T2 Compiler
- Efficiency: T1 Model, T2 Compiler
- Deployment: T3 Ubiquity.
- Accessibility: T3 Ubiquity, T4 Education
- Education: T4 Education

- Libfaust :
 - ▶ embedded in MaxMSP (faustgen),
 - ▶ WebAudio API,
 - ▶ Csound (faustaudio, faustcompile, faustctl),
 - ▶ LibAudioStream,
 - ▶ FaustLive
- FaustWeb : compiler as a web service
 - ▶ Light easy to install client front end on all platforms
 - ▶ Remote web compiler based on a REST HTTP API
 - ▶ Remote compiler always up to date,
 - ▶ All dependencies, SDK, licenses are deployed only on the server
- FaustLive:
 - ▶ Dynamic embedded FAUST compiler
 - ▶ No other tools to install
 - ▶ Very fast
 - ▶ Export feature using FaustWeb