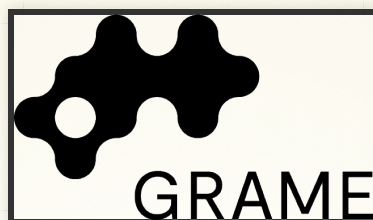


FAUST TOOLS AND ECOSYSTEM

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GRAME - LYON



<https://github.com/sletz/IFC-2024>

IFC, Torino, November 21th 2024

AGENDA

Evolutions since 2022

What is missing ?

How to engage the community ?

EVOLUTIONS SINCE 2022

Creation of the Emeraude team

Less workforce at GRAME, Yann moved to INRIA

Development of the Faust compiler is partly driven by the needs of the Emeraude team, particularly for projects such as FAST within the Syfala toolchain

GSOC PROJECTS: 2023

Automatic Differentiation in the Faust Compiler

GSoC'23: Better Faust on the Web

GSOC PROJECTS: 2024

Amati++, a VST/CLAP Plugin embedding the dynamic compiler

Faust Cables.gl plugin

FaustNet: Enabling ML in Faust

Packaging system for Faust libraries

COMPILER AND TOOLS

Four new backends

New faustxx tools

Bugs, bugs, bugs...

ECOSYSTEM AND COMMUNITY

Continuous improvement of the documentation across the 3 main sites (faust/faustdoc/faustlibraries)

Animating the community: enriching the Powered By Faust page, new Discord channel

WHAT IS MISSING ?

Debugging tools: in the compiler, signal analysis...

Following and fixing the **GH issues**

Updating faustgen2~ pour PD

Your ideas ?

HOW TO ENGAGE THE COMMUNITY ?

Faust consortium and AFFA presented tomorrow
afternoon

How can we enhance engagement within the
community?