

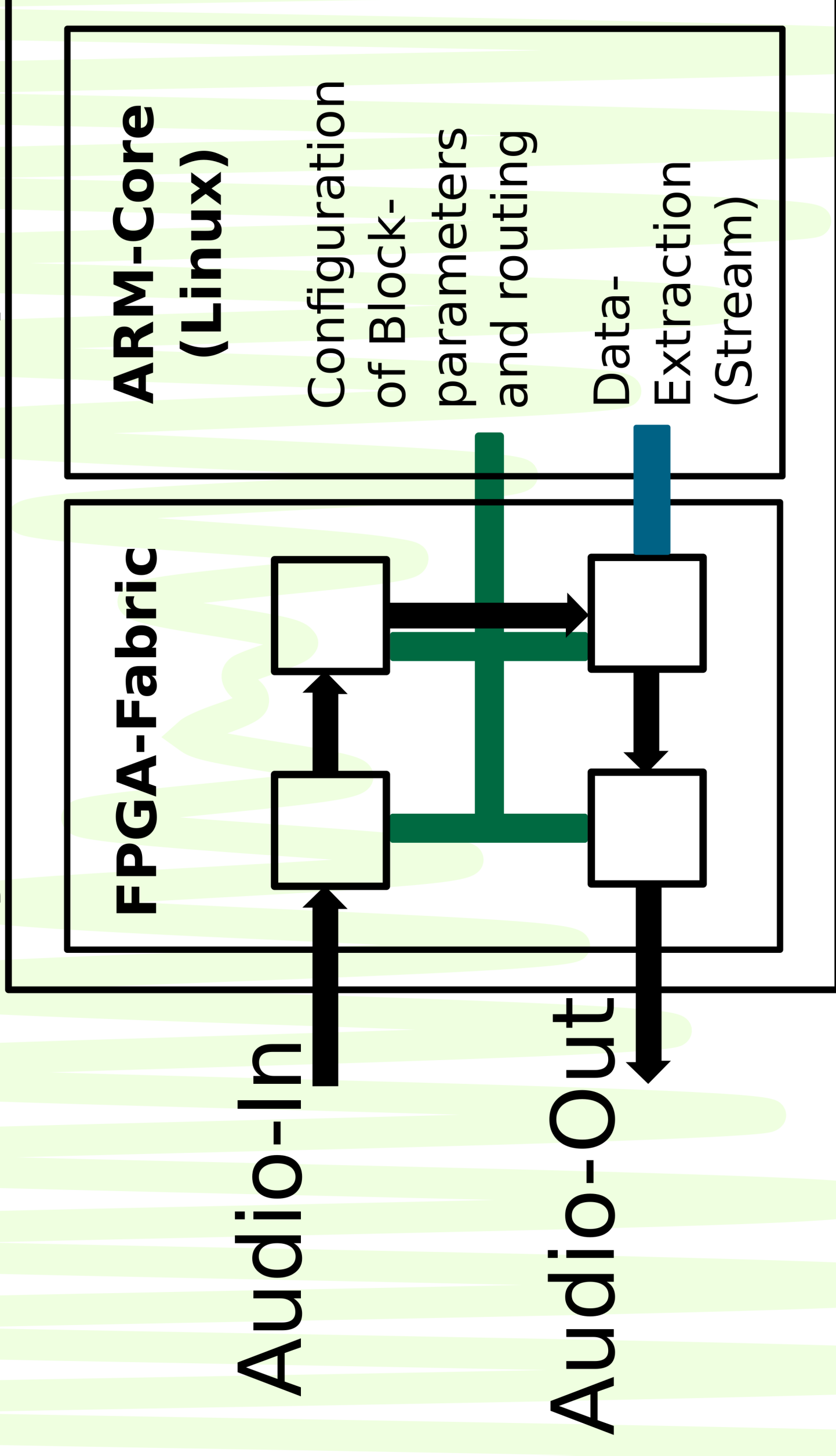
Audio Signal Processing



ASP-SOC
AUDIO SIGNAL PROCESSING

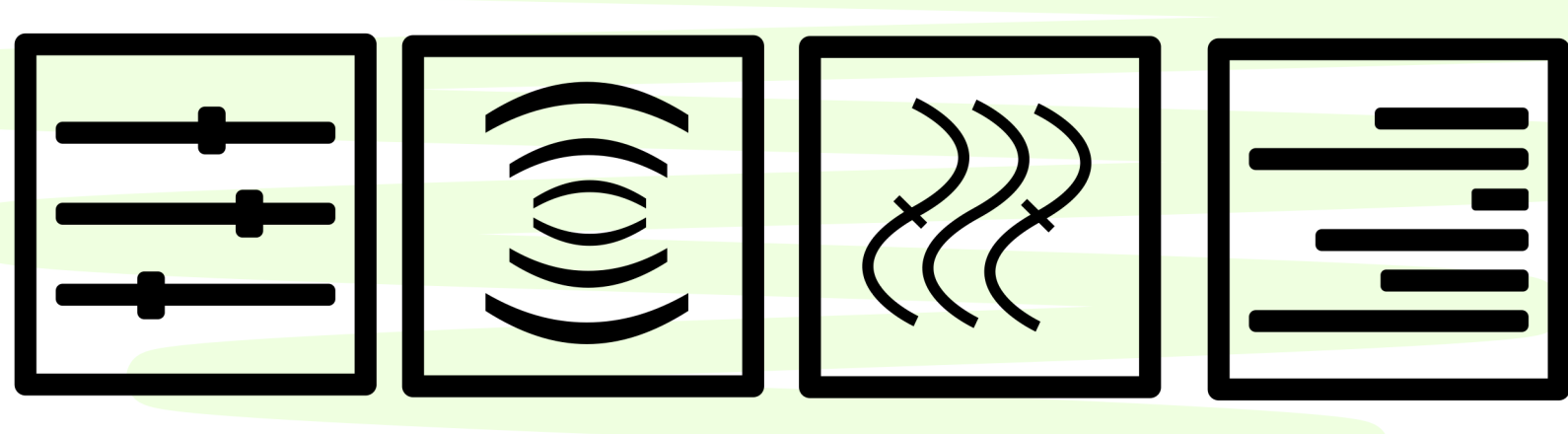
- Universal Standalone Audio-Processing Unit
- Processing-Blocks in hardware
- On-chip Linux OS
- Software interface for configuration and visualisation of the processing chain

System-on-Chip (SoC)



Planned Blocks

- Equalizer
- Delays/Echos
- Generic Filters (FIR & IIR)
- Fast-Fourier-Transformation for operations in the frequency domain



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www.fh-hagenberg.at/hsd
[asp-soc.github.io](https://github.com/asp-soc)

