

Motivation

- Reducing the financial risk associated with travelling with sound equipment
- Help with music production through a simulation of virtual audio FX

Digital Audio Signal Processor

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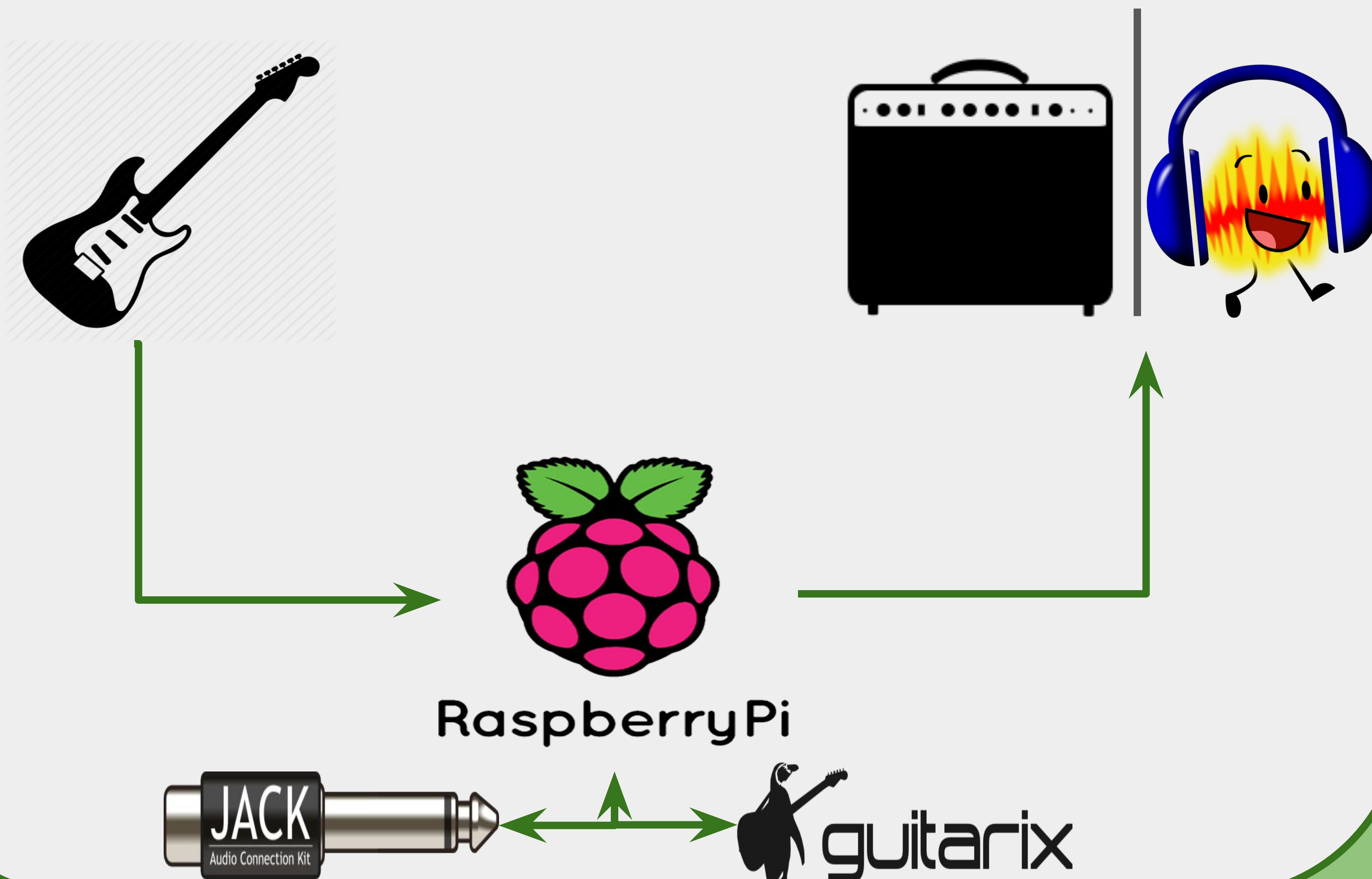


- Allows communication of audio data between applications
- Minimal server latency: 5-10ms.

Description:

- Connect audio signal source (instrument) to RaspberryPi
- Audio is captured and modified
- Modified audio signal is outputted to analog speaker or audio production software.

System Diagram



User Interface

