Veejay_ Extension_ Map_v2_ Module3

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VJ / Projection Mapping Software Outline

Anything listed in white requires development

MIDI Input 1

MIDI Input 2

MIDI Input 2

Server Side (Python-0MQ, Kivy)

User Interface

MIDI Interface (Jackd API)

Configuration UI Python-Kivy

Touch Input UI Python-Kivy

Input-to-Messenging Processor (Python)

Worker (Python-0MQ)

Messenging I/O

Message Processing

Messenging I/O

Broker (Python-0MQ)

Messenging I/O

Message Processing

Messenging I/O

Client-Side

Veejay Server SendVIMS

Veejay Server SendVIMS

Worker (Python-0MQ, Cython)

SendVIMS I/O

Messenging I/O

XML Messenging I/O

Message Processing

v4l2 loopback

Output Processor-C++

Video Stream Input

XML Input

Video Stream Output

Processing

XML Input   **LPMT** (without UI) C++ - OpenFrameworks

Projector 1

Projector 2

Distributable Video