

Most of the desired features outlined in the proposal have been implemented. The external midi Markov parser has been written in python, along with a jxf file formatter so that the tables can be directly imported into Max. All required data structures have been created, including a dynamic **jit.matrixset**, corresponding **jit.controller**, and files list. Features that have been dropped include connecting the output to a customizable synthesizer, since it is out of the scope of this project's focus. Newly added features include the ability to break the parsed midi file into multiple segments. This helps separate the musical styles of the song's different sections and enabling a more controlled fade between them. Features yet to be implemented include integration with live midi input, and potentially an export of the generated composition as a midi file for offline modification and playback.