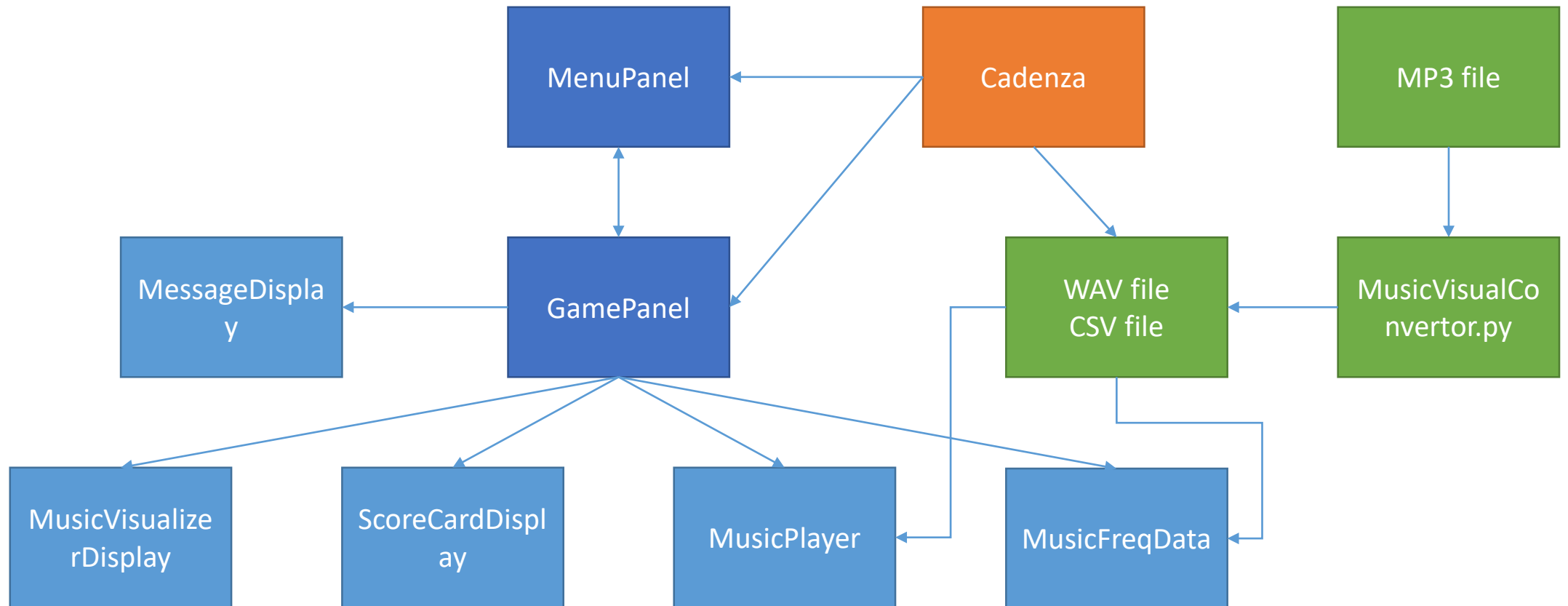
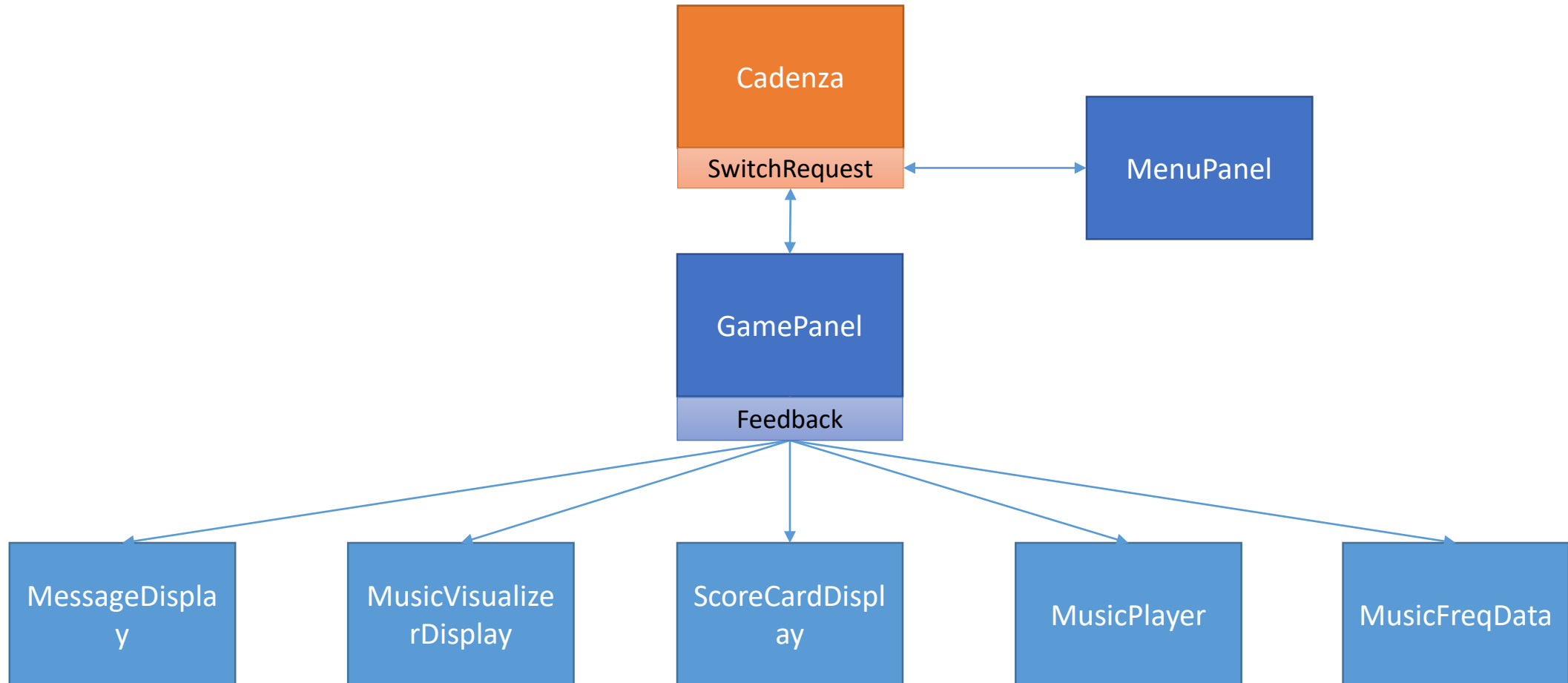


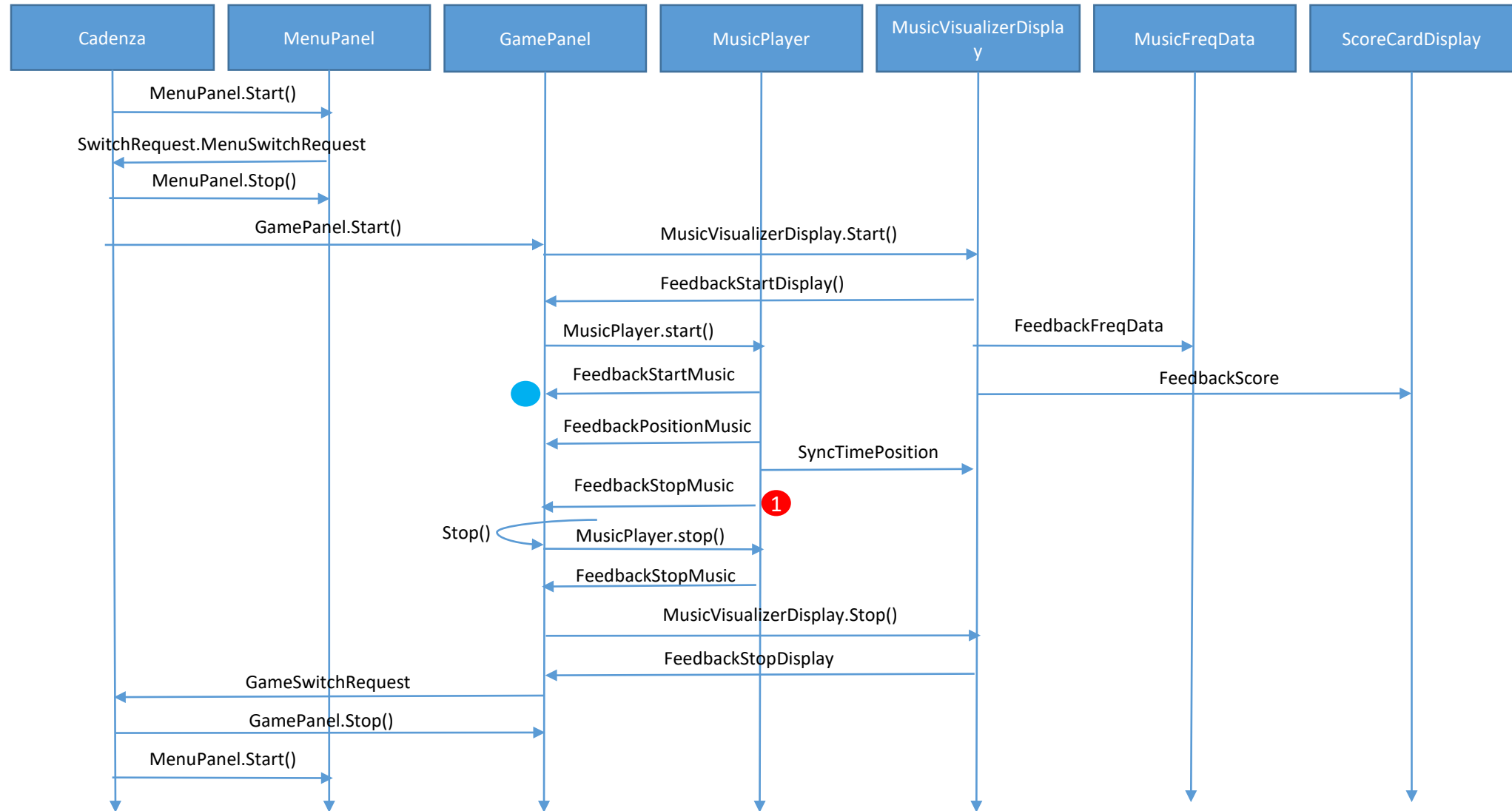
Program Module Flow

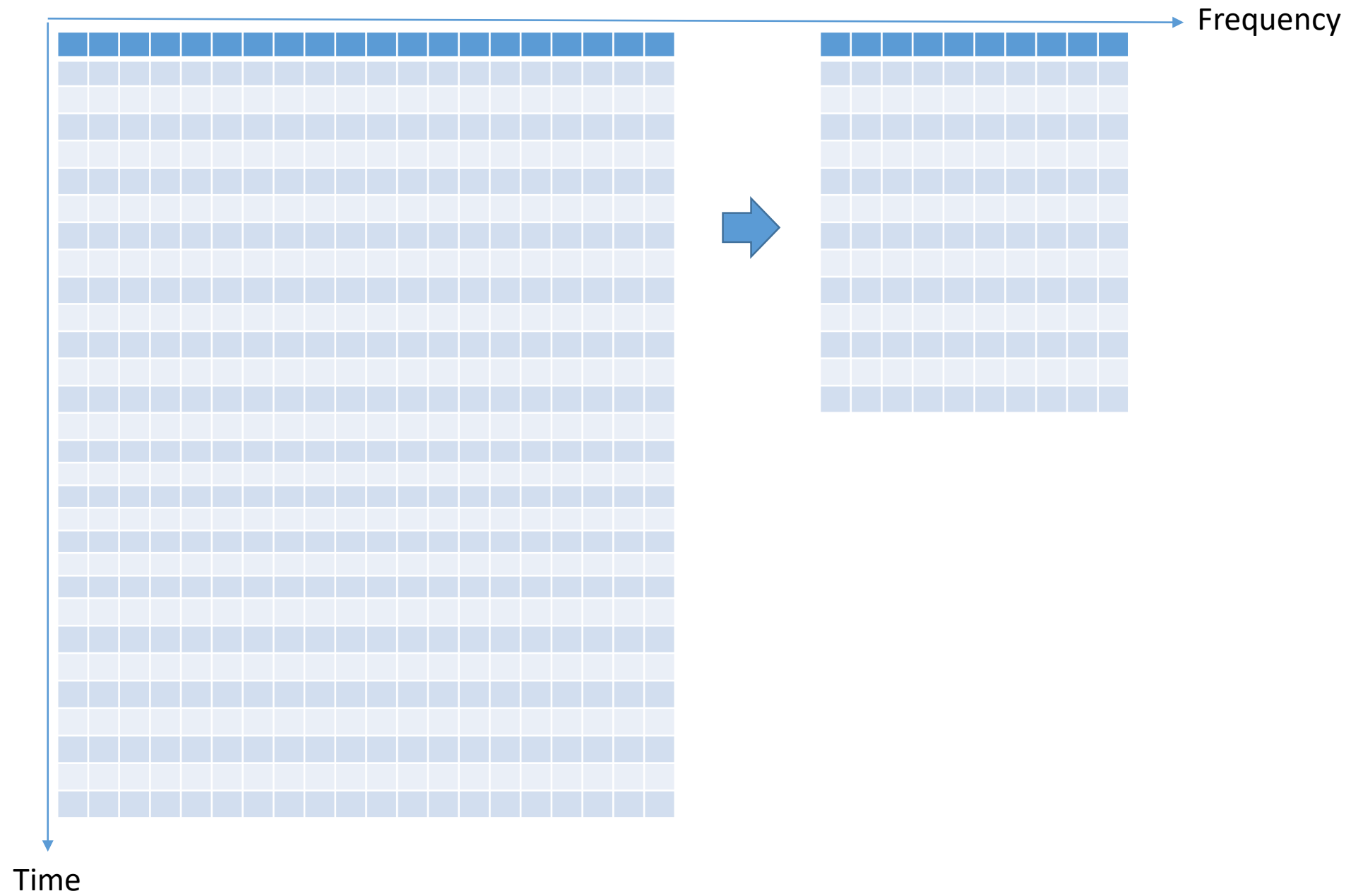


Program Module Communication Flow



Program Control Flow

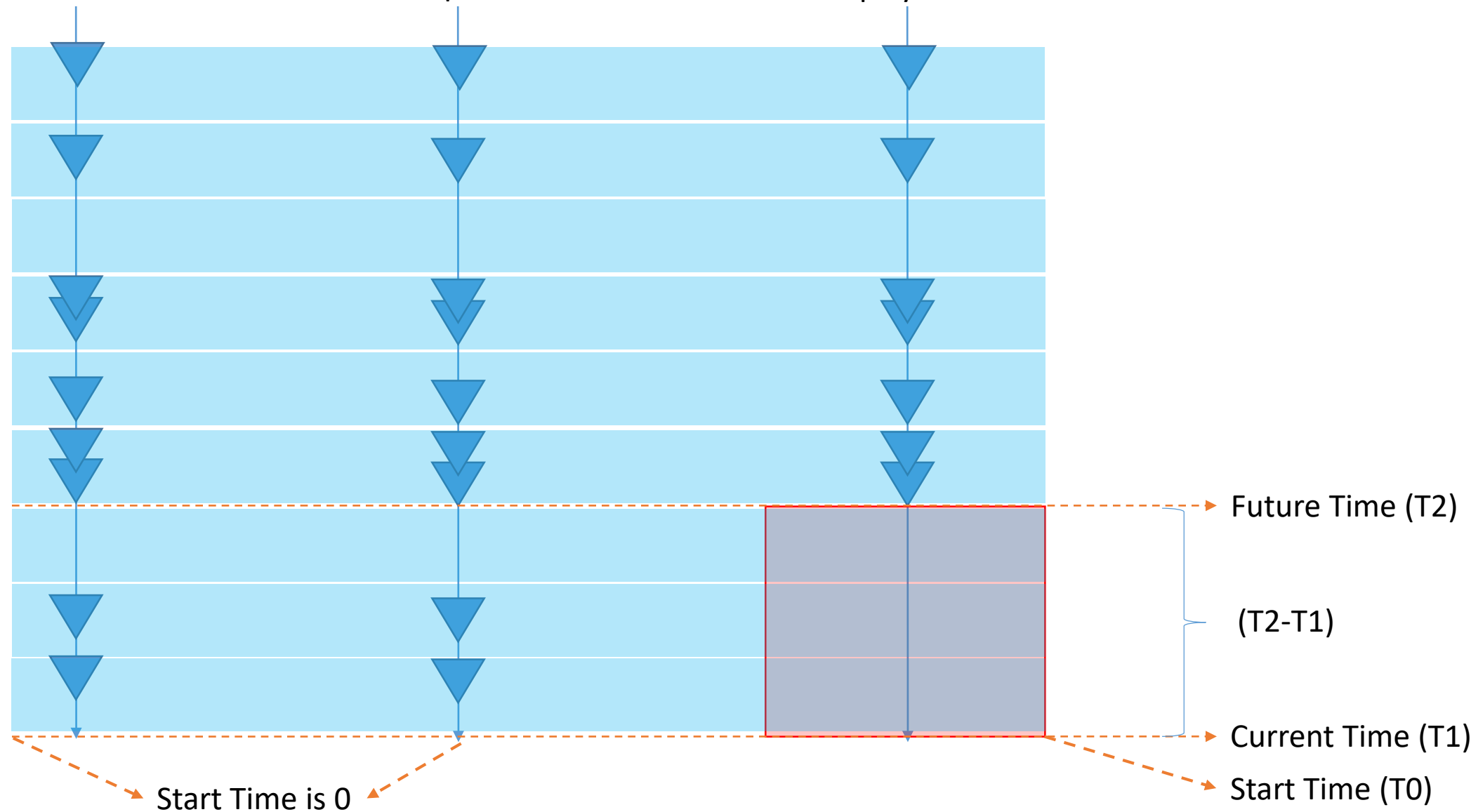




Audio Time

Freq Time

Display Time



Met Major Problem and Solution

- How to get MP3 frequency data, using Python
- Capture and analysis audio frequency value on time axis
- Audio and display time synchronization problem, using audio position to adjust display time.
- Add a separate thread for audio playback, otherwise there is no way to stop audio in middle.