

Rap Tapestry Project – Abstract

The technical focus of the Rap Tapestry project is to develop a pipeline for parsing and visualizing musical data. Specifically, we aim to capture the events contributed by the independent sources of a song, such as the notes of a bassline or the pattern of a kick drum. We are particularly interested in extracting events that reflect the rhyme scheme of a rap vocalist to interpret the nuances of their language according to sound rather than textual analysis.

The overall process involves three main procedures: source separation, event detection, and data visualization. The ultimate goal is to represent the emergent patterns of a song on a grid-based tapestry.