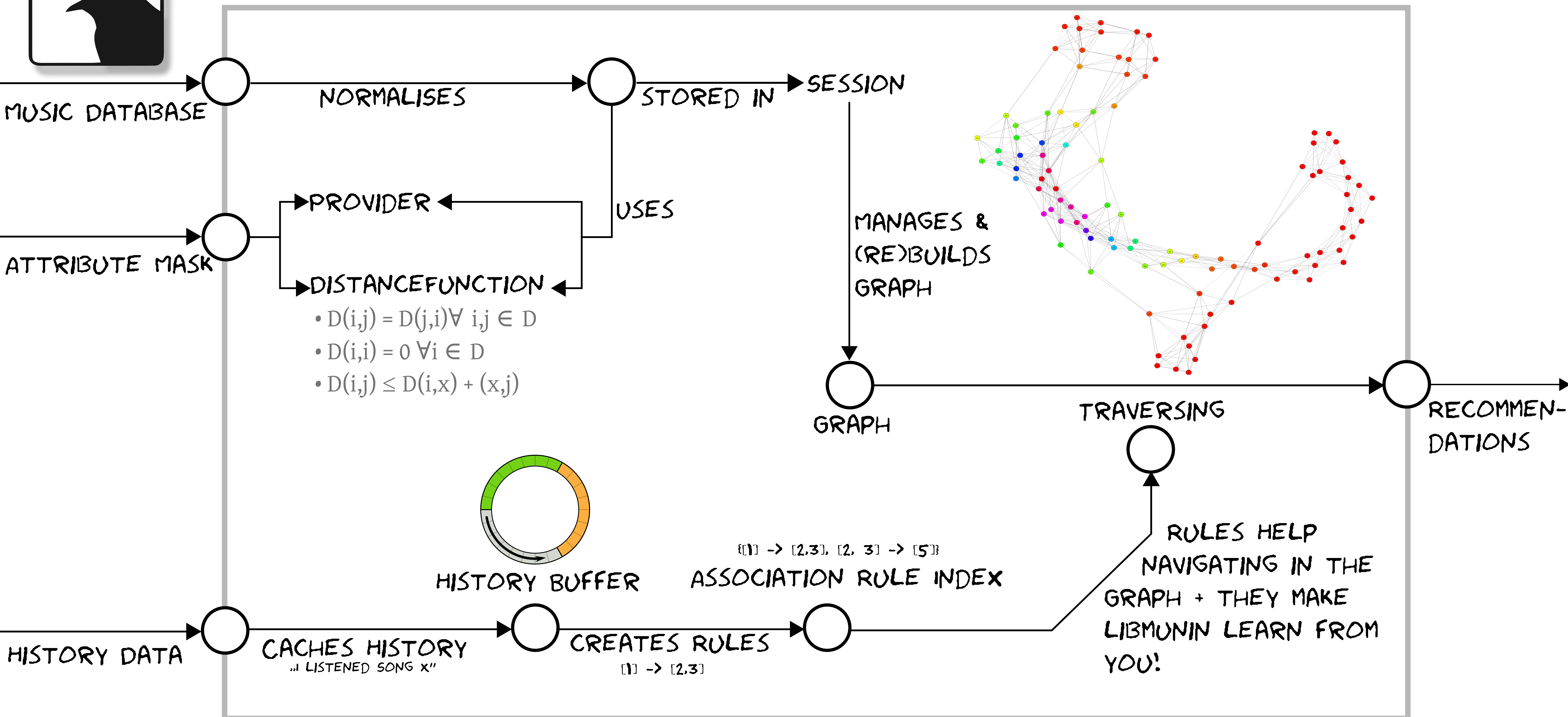




LIBMUNIN ARCHITECTURE OVERVIEW



LIST OF AVAILABLE PROVIDERS:

- **WORDLIST** - SPLIT TEXT INTO INDIVIDUAL WORDS
- **KEYWORDS** - SPLIT TEXT INTO KEYWORDS VIA RAKE
- **PLYRLYRICS** - FIND LYRICS FOR SONGS
- **GENRETREE** - NORMALISES GENRE TO TREE
- **BEATSPERMIN** - CALCULATE BEATS PER MINUTE OF AUDIO
- **ARTISTNORMALIZE** - NORMALIZE ARTIST STRINGS
- **ALBUMNORMALIZE** - NORMALISE ALBUM STRINGS
- **MOODBAR** - ANALYSE AUDIO FREQUENCIES
- **STEM** - STEM INPUT VIA SNOWBALL STEMMER
- **COMPOSITE** - COMPOSE SEVERAL PROVIDERS
- **DISCOGSGENRE** - SEARCH GENRE OF ARTIST/ALBUM ON WWW.DISCOGS.COM WITH FUZZY MATCHING

LIST OF AVAILABLE DISTANCE FUNCTIONS:

- **WORDLIST** - COMPARE WORD COOCCURENCES
- **KEYWORDS** - COMPARE OCCURENT OF COMMON KEYWORDSETS
- **GENRETREE** - COMPARE SUBGENRES VIA A TREE ALGORITHM
- **BEATSPERMIN** - COMPARE NUMBER OF BEATS PER MINUTE
- **LEVENSHTEIN** - COMPARE STRINGS VIA THE DAMERAU-LEVENSHTEIN-DISTANCE
- **MOODBAR** - COMPARE THE CHARACTERISTICS OF TWO MOODBARS
- **RATING** - COMPARE THE RATING OF TWO USER GIVEN SONGS
- **DATE** - COMPARE THE RELEASE DATE OF TWO ALBUMS