**Lyrics Generation**

* **The Art of Lyric Writing: How to Match Lyrics to Melody**

歌詞結構如果合理，歌手就可以輕鬆地與旋律一起唱歌：

1. 歌詞會被分成不同區段，像是主歌、副歌、橋段等歌曲部分。
2. 歌詞通常寫得簡短並重複。
3. 歌詞通常（但不是每次）在每行中有豐富的押韻。

歌詞的節奏 The Rhythm of a Lyric Line

歌詞的每個音節都連接到一個音符，這意味著每個單詞都成為旋律的一部分，節奏是一段樂句中重音音節和非重音音節模式的結果。

許多作詞家用「ba」表示非重音音節，而用「BUM」表示重音音節，使每個重音部分的重音音節更長、更大聲且音高更高。

例如：

“**Lone**ly and **wait**ing…” translates to “**BUM** ba **BUM** ba…”

* “Lone-” and “Wait-”分別是重音的字。
* “-ly” and “-ing” 在字當中分別是非重音。
* “and” 也是非重音。

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| **歌詞** | **音節重音表示** | **BUM ba表示** |
| Looking out into the sea | **LOOK**-ing **OUT IN**-to the **SEA** | BUM ba BUM BUM ba ba BUM |
| The night is so beautiful | This **NIGHT** is so **BEAU**-ti-ful | ba BUM ba ba BUM ba ba |

→ 可看出原始歌詞重音音節表示不一致，當寫入特定旋律模式時，第二行的節奏會更好地匹配。

因此，為了讓模式保持一致，歌詞和旋律都應為：

ba BUM ba ba BUM ba ba

ba BUM ba ba BUM ba ba

→ The **SEA** is so **MAG**-i-cal

This **NIGHT** is so **BEAU**-ti-ful

應該兩行歌詞都要分別對應到相同重音位置，這樣聽起來比較和諧。

如果每一行的節奏都一樣，那麼把單詞放到旋律中會更容易！

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重音音節Accented Syllables

In all dialects of English, the pattern of pronunciation depends not only on the sounds of the vowels (母音) and consonants (子音), but also on the stress each syllable receives when pronounced. A syllable that is stressed in pronunciation is called an accented syllable.

The accent often changes the meaning of words which otherwise would be pronounced or even spelled alike. The word object when accented on the first syllable is a noun; when accented on the second syllable it is a verb. (名詞第一個音節是重音，動詞第二個音節是重音)

Here is another subtle example:

A crow is a black bird. (Accent both *black* and *bird*.)

A crow is not a blackbird. (That is, a species of bird called blackbird. Accent *black.*)

All English dictionaries show the accented syllables in their pronunciation keys, usually with an acute accent mark (´).

cite : <http://englishplus.com/grammar/00000310.htm>

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參考資料：<https://www.musicnotes.com/now/tips/art-lyric-writing-match-lyrics-melody/>

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Carlo's MIDI : <https://www.cprato.com/>

MIDITUNE : <http://miditune.com/>