

Sound Generation Settings

Syllable Settings

- Shape
 - Syllable shape in the format "CVC", where C represents a consonant and V represents a vowel. The smallest allowed shape is "V".
- Consonants
 - All acceptable consonants that are allowed to appear in sounds.
- Vowels
 - All acceptable vowels and diphthongs that are allowed to appear in sounds.
- Cluster Matrix
 - Represents which manners of consonants can follow a given consonant's manner in a consonant cluster.
- Allow Crowding
 - If false, prevent unvoiced consonants from following voiced consonants.

Stress Settings

- Primary, Middle, and Ultimate Syllable Shapes
 - Each shape type represents where in a sound-word a shape can appear. The following represents how they are used:
 - 1 Syllable word: (Primary)
 - 2 Syllable word: (Primary).(Ultimate)
 - 3+ Syllable word: (Primary).(Middle)...(Ultimate)
- Foot Size
 - Stress will either be applied on every second (Biambic) or third (Triambic) syllable/mora in a sound-word.
- Count By
 - Stress in the language will be assigned based on either Syllabic grouping (/mim.im.bu/) or Moraic grouping ([mi,m,i,m,bu])
- Stress System
 - Fixed stress always places on the same initial syllable position, while Phonemic is (programmatically) random.
- Moraism (Only applicable if Count By is Moraic)
 - Maximum number of Morae a syllable can be split into based on vowel length and coda.
 - Bimoraic: /nu:n/ -> [nu,un]
 - Trimoraic /nu:n/ -> [nu,u,n]
- Resultant Stress (only applicable if Foot Size is Triambic)

- If true, apply secondary stresses to sound-parts directly before or after a primary stress
- Resultant Stress Direction
 - Primary, places a secondary stress on the syllable/mora before one with a primary stress, while Ultimate places one after the primary stress.

Fixed System Settings

- Stress Degree
 - The syllable (1st, 2nd, 3rd) to put the initial stress on.
 - Note: In a Biambic language, the 1st and 3rd options are essentially equivalent as a stress on the third sound-part would place a primary stress on the first (3-2) in the same way it would place a primary stress on the fifth sound-part.
- Stress Direction
 - The direction to count syllables/morae. Primary starts at the beginning of the sound-word and Ultimate starts at the end.

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