An example of context-dependent label format for HMM-based speech synthesis in Vietnamese

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p_1^p_2-p_3+p_4=p_5@p_6_p_7/A:a_1_a_2/B:b_1-b_2@b_3-b_4&b_5-b_6/C:c_1+c_2/D:d_1-d_2/E:e_1+e_2/F:f_1-f_2/G:g_1-g_2/H:h_1=h_2@h_3=h_4/I:i_1_i_2 /J:j_1+j_2-j_3

http://www.de-han.org/vietnam/chuliau/lunsoat/sound/2.htm
http://en.wikipedia.org/wiki/Vietnamese_phonology

Field	Description
P1	the phoneme identity before the previous phoneme
P2	The previous phoneme identity
P3	The current phoneme identity
P4	The next phoneme identity
P5	The phoneme after the next phoneme identity
P6	Position of the current phoneme identity in the current word (forward)
P7	Position of the current phoneme identity in the current word (backward)
A1	Tone of the previous phonology (0-5)
A2	Number of phoneme in previous phonology (0-5)
B1	Tone of the current phonology (0-5)
B2	Number of phoneme in current phonology (0-5)
B3	Position of the current phonology in word (forward)
B4	Position of the current phonology in word (backward)
B5	Position of the current phonology in phrase (forward)
B6	Position of the current phonology in phrase (backward)
C1	Tone of the next word
C2	Number of phoneme in the next phonology
D1	POS tag of previous word
D2	Number of phoneme in previous word
E1	POS tag of the current current word
E2	Number of phoneme in the current word
F1	POS tag of the next word
F2	Number of phoneme in the next word
G1	Number of phoneme in the previous phrase
G2	Number of word in the previous phrase

H1	Number of phoneme in the current phrase
H2	Number of word in the current phrase
H3	Position of the current phrase in the sentence (forward)
H4	Position of the current phrase in the sentence (backward)
I1	Number of phoneme in the next phrase
I2	Number of word in the next phrase
J1	Number of phoneme in the sentence
J2	Number of word in the sentence
J3	Number of phrase in the sentence