

Title: Hangul Syllable Type examples shown at UAX #29 (a feedback to PRI #138)

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1. Issue Statement

In the section 3.1 *Default Grapheme Cluster Boundary Specification* of UAX #29, we have Table 2. *Grapheme_Cluster_Break_Property Values* showing the following rows:

L	Hangul_Syllable_Type=L, that is: U+1100 (ㄱ) HANGUL CHOSEONG KIYEOK ..U+1159 (ㅇ) HANGUL CHOSEONG YEORINHIEUH U+115F () HANGUL CHOSEONG FILLER
V	Hangul_Syllable_Type=V, that is: U+1160 () HANGUL JUNGSEONG FILLER ..U+11A2 (ㅅ) HANGUL JUNGSEONG SSANGARAEA
T	Hangul_Syllable_Type=T, that is: U+11A8 (ㄷ) HANGUL JONGSEONG KIYEOK ..U+11F9 (ㅇ) HANGUL JONGSEONG YEORINHIEUH
LV	Hangul_Syllable_Type=LV, that is: U+AC00 (가) HANGUL SYLLABLE GA U+AC1C (개) HANGUL SYLLABLE GAE U+AC38 (갸) HANGUL SYLLABLE GYA ...
LVT	Hangul_Syllable_Type=LVT, that is: U+AC01 (각) HANGUL SYLLABLE GAG U+AC02 (깁) HANGUL SYLLABLE GAGG U+AC03 (갇) HANGUL SYLLABLE GAGS U+AC04 (간) HANGUL SYLLABLE GAN ...

Since the Unicode 5.2 includes new Hangul Jamo characters at *Hangul Jamo* (U+1100–U+11FF), *Hangul Jamo Extended-A* (U+A960–U+A97F), and *Hangul Jamo Extended-B* (U+D7B0–U+D7FF) blocks, it appears at least some of the rows shown at the above need to be updated.

2. Change Proposal

Naturally, there are about two or so approaches that we can take and it appears either one of the two shown at below will achieve the same goal:

2.1. Proposal Option 1: Delete examples from the rows.

In other words, the above five rows can be simplified into the rows shown at below since the HangulSyllableType.txt for the Unicode 5.2 will include the new Jamo characters:

L	Hangul_Syllable_Type=L
V	Hangul_Syllable_Type=V
T	Hangul_Syllable_Type=T
LV	Hangul_Syllable_Type=LV
LVT	Hangul_Syllable_Type=LVT

2.2. Proposal Option 2: Insert additional examples into the rows for L, V, and T.

Alternatively, as like the current, we can choose to show all the ranges including the new ones:

L	Hangul_Syllable_Type=L, that is: <u>U+1100 (ㄱ) HANGUL CHOSEONG KIYEOK</u> <u>..U+115F () HANGUL CHOSEONG FILLER</u> <u>U+A960 (ㄷ) HANGUL CHOSEONG TIKEUT-MIEUM</u> <u>..U+A97C (ㅇ) HANGUL CHOSEONG SSANGYEORINHIEUH</u>
V	Hangul_Syllable_Type=V, that is: U+1160 () HANGUL JUNGSEONG FILLER <u>..U+11A7 (ㅏ) HANGUL JUNGSEONG O-YAE</u> <u>U+D7B0 (ㅑ) HANGUL JUNGSEONG O-YEO</u> <u>..U+D7C6 (ㅓ) HANGUL JUNGSEONG ARAEA-E</u>
T	Hangul_Syllable_Type=T, that is: U+11A8 (ㄱ) HANGUL JONGSEONG KIYEOK <u>..U+11F9 (ㅇ) HANGUL JONGSEONG YEORINHIEUH</u> <u>U+D7CB (ㄷ) HANGUL JONGSEONG NIEUN-RIEUL</u> <u>..U+D7FB (ㅌ) HANGUL JONGSEONG PHIEUPH-THIEUTH</u>
LV	Hangul_Syllable_Type=LV, that is: U+AC00 (가) HANGUL SYLLABLE GA U+AC1C (개) HANGUL SYLLABLE GAE U+AC38 (갸) HANGUL SYLLABLE GYA ...
LVT	Hangul_Syllable_Type=LVT, that is: U+AC01 (갇) HANGUL SYLLABLE GAG U+AC02 (갈) HANGUL SYLLABLE GAGG U+AC03 (갉) HANGUL SYLLABLE GAGS U+AC04 (갊) HANGUL SYLLABLE GAN ...

Note: Changed are underlined at the above rows.

END_OF_MEMO.