

한글 및 한자 최상위 도메인 관련 국내 커뮤니티 의견 수렴

김 경 석 (부산대)

2017.09.15.

KrIGF workshop



ICANN



Korean GP Status Update

2017.09.15.

KrIGF WS

(klgp263_31)

0. Agenda

- ⊙ Introduction
- ⊙ A list of Hangeul Syllables, Hanja characters for K-LGR v0.7 (2017.03.03.)
- ⊙ Review of K (Korean) and C (Chinese) Variant Groups (Sets)
- ⊙ K-LGR v0.7 (2017.03.03.), # Hanja chars: 4758
- ⊙ Discussion:
- ⊙ History of KGP activities
- ⊙ Timeline of KGP activities

1. Introduction

- ◆ Characters included for “Kore” (Korean Label)
 - Both Hangeul (Hangul) syllables and Hanja chars are included in K-LGR
- ◆ K-LGR v0.7 (2017.03.03.)
 - 11172 Hangeul syllables
 - 4758 Hanja chars, 152 variant groups
- ◆ In Jan. 2017, the Name and Address Committee of Korea Internet Governance Alliance (KIGA, <http://kiga.or.kr>) formally created a WG for allowing Hanja at the second level under .KR/.한국.
 - The WG started working.

2. K-LGR v0.5 (2016.09.28.)

- ⊙ **A list of Hangul Syllables for K-LGR v0.7 (2017.03.03.)**
 - 11172 Hangul Syllables (U+AC00 ~ U+D7A3) ← ISO/IEC 10646

- ⊙ **A list of Hanja characters for K-LGR v0.7 (2017.03.03.)**

Source of Hanja Character Set	# chars
1) KS X 1001 (268 comptb. chars excluded)	4620
2) IICORE - K column marked	4743
K-LGR v0.7 (2017.03.03.): Hanja List (Union of 1) and 2))	4758

3. Review of K (Korean) and C (Chinese) Variant Groups (2)

- ◆ KGP and CGP coordinated to resolve conflicts of variant groups between K-LGR and C-LGR.
 - Three possible scenarios in resolving conflicts:

scenario 1) C vg is kept without any modification (K accepts C position):

- [K: indep (C1), indep (C2)]; [C: vg (C1, C2)] → [K & C: vg (C1, C2)]

scenario 2) C vg is fully split (i.e., no two K chars are included in a variant group)

- [K: indep (C1), indep (C2)]; [C: vg (C1, C2)] → [K & C: indep (C1), indep (C2)]
- [K: indep (C1), indep (C2), indep(C3)]; [C: vg (C1, C2, C3)] → [K & C: indep (C1), indep (C2), indep(C3)];

3. Review of K (Korean) and C (Chinese) Variant Groups (3)

- ◆ **scenario 3)** C vg is partially split. (usually) One variant char is split from C vg and that char becomes an independent char.
 - a new variant group still contains two (or more) K chars.
 - [K: vg (C4, C5), indep (C6)]; [C: vg (C4, C5, C6)];
→ [K & C: vg (C4, C5), indep (C6)]

4. K-LGR v0.7 (2017.03.03.)

- ◆ **K-LGR v0.6 (2016.11.28.)**
 - 4819 Hanja chars
- ◆ **K-LGR v0.7 (2017.03.03.): 4758 Hanja chars**
 - only 4758 chars in K0 (= KS X 1001) and/or IICORE/K column kept.
 - 61 chars in KP0 (= KPS 9566) and/or Hanja Test deleted.
- ◆ **No conflict in variant groups between K-LGR v0.7 (2017.03.03.) and C-LGR (2017.03.31.)**

4. Discussion

◆ Second level domain under .kr/.한국

- LDH.kr, LDH.한국 (ASCII) - allowed

- 한글.kr, 한글.한국 - allowed

- 漢字.kr, 漢字.한국 - not allowed NOW; in the future?

- 한글과漢字.kr, 한글과漢字.한국 - not allowed NOW; in the future?

◆ Hanja domain needed in Korea?

Hangul-Hanja domain needed in Korea?

Hanja used in daily life in Korea?

5. History of KGP Activities (1)

2013 Dec: Korean LGP organized

2014 Mar: CJK coordination meeting during ICANN 49 @ Singapore

Jun: : CJK coordination meeting during ICANN 50 @ London; KGP status update

Jun: 1st KGP meeting

Aug: 2nd KGP meeting

Oct: CJK coordination meeting during ICANN 51 LA; KGP status update

2015 Jan: 3rd KGP meeting; KGP reorganized

Feb: CJK coordination meeting during ICANN52 @ Singapore; KGP status update

Apr: 4th and 5th KGP meetings; KGP reorganized

May: 6th and 7th KGP meetings (K-LGR-1 v0.1); CJK Coordination meeting in Seoul, Korea

Jun: 8th KGP meeting (K-LGR, v0.2 CJK coordination meeting during ICANN53 @ Buenos Aires

Jul: 9th KGP meeting and workshop; participated in APriGF Macau

Aug: 10th KGP meeting (K-LGR, v0.3)

Sep: 11th KGP meeting

Oct: Call for formal Generation of KGP (Korean Script Generation Panel) to ICANN;

CJK coordination meeting during ICANN54 @ Dublin

5. History of KGP Activities (2)

2015

Nov: 12th KGP meeting

2016

Jan: 13th KGP meeting

Feb: The Korean Community “formally” Forms Generation Panel for Developing the Root Zone Label Generation Rules (LGR), 2016-02-01.

Mar: CJK coordination meeting during ICANN55 @ Marrakesh; KGP status update

Mar: 14th KGP meeting (K-LGR v0.4)

Mar: CJK coordination meeting @ Beijing, China

Apr: 15th KGP meeting

May: 16th KGP meeting

Jun: 17th KGP meeting

Jun: CJK coordination meeting during ICANN56 @ Helsinki; KGP status update

Jul: 18th KGP meeting

Aug: 19th KGP meeting

Sep: 20th KGP meeting; (K-LGR v0.5); Public Hearing for K-LGR @KriGF Workshop)

5. History of KGP Activities (3)

2016

Sep: CJK coordination meeting @ Taipei, Taiwan

Oct: 21st and 22nd KGP meetings

Nov: CJK coordination meeting during ICANN 57 @ Hyderabad, India

Nov: CJK Coordination Meeting @ Seoul during IETF #97 (K-LGR v0.6)

Dec: 23rd KGP meeting

2017

Feb: CK coordination meeting during CDNC meeting @ Beijing, China

Mar: 24th KGP meeting

K-LGR v0.7 (2017.03.03.): # Hanja chars 4819 -> 4758 (61 chars deleted)

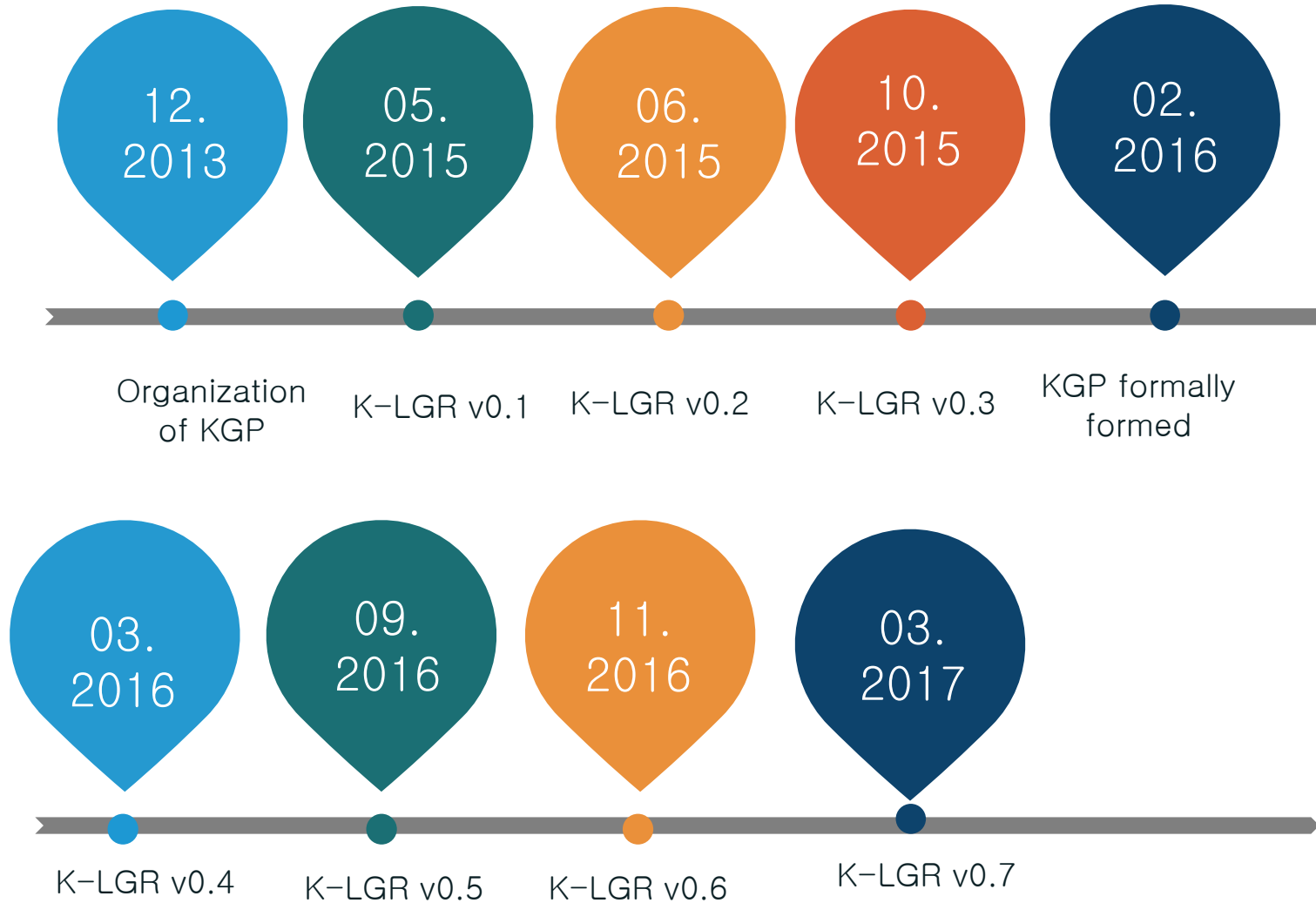
Mar: CJK coordination meeting during ICANN58 @ Copenhagen; KGP status update

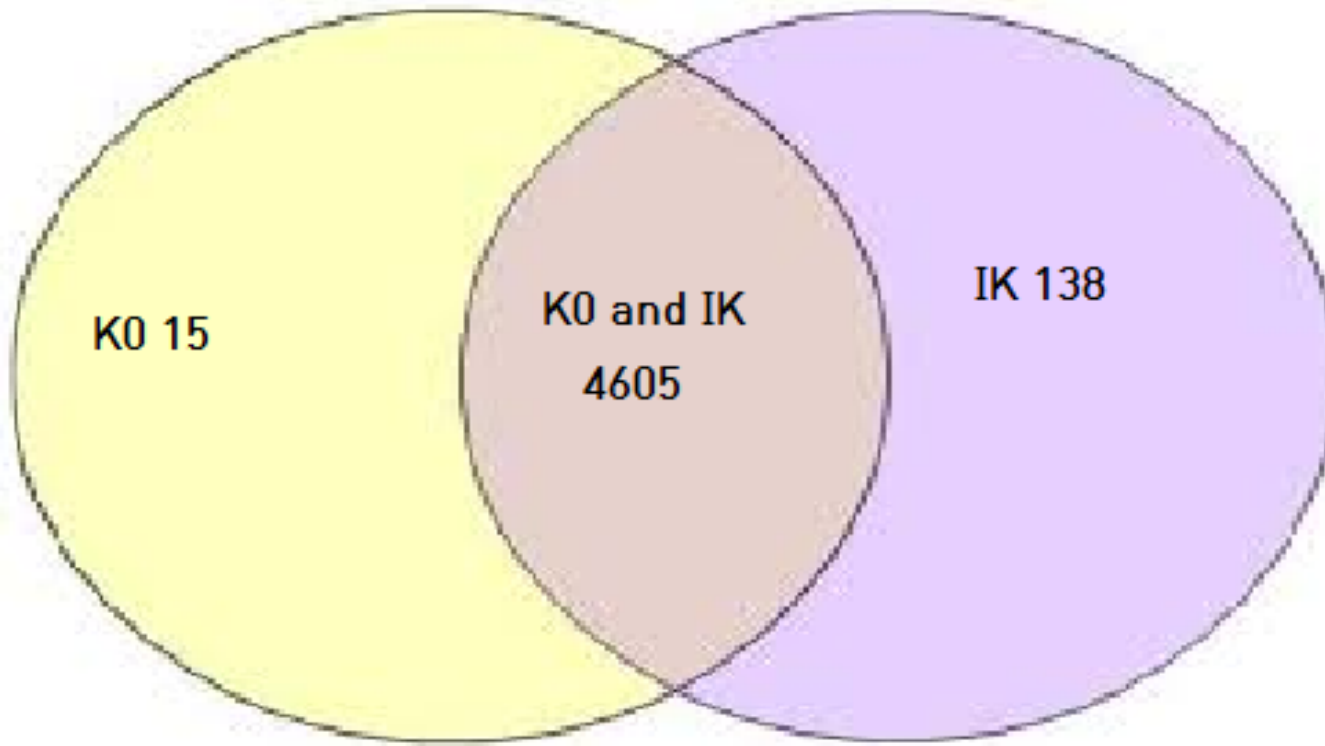
Apr: 25th KGP meeting

Sep: :26th KGP meeting

Sep: Public Hearing for K-LGR @KriRG Workshop

6. Timeline of KGP activities





Venn Diagram of 2 sets showing number of Hanja chars:

K-LGR v0.7 (2017.03.03.): 4758 chars

K0 (KS X 1001): 4620 chars, IK (IICORE: K): 4743 chars