

Universal Multiple-Octet Coded Character Set
International Organization for Standardization

Doc Type: ISO/IEC JTC1/SC2/WG2/IRG

Title: US/Unicode Activity Report for IRG #51

Source: Dr. Ken Lunde (小林剣)

Status: Member Body Contribution

Action: None

Date: 2018-10-15

The UTC and others in the US have been involved in the following activities since IRG #50 took place:

1. [Unicode Version 11.0](#) was released on 2018-06-05, which included the UCD (*Unicode Character Database*), Code Charts, Annexes, and the [Core Specification](#) (13MB PDF). The Core Specification is also available in printed form as a two-volume set via [Lulu](#). Version 11.0 includes updated versions of [UAX #11](#) (*East Asian Width*), [UAX #38](#) (*Unicode Han Database*), [UAX #45](#) (*U-Source Ideographs*), and [UAX #50](#) (*Unicode Vertical Text Layout*). Five new properties—*kJinmeiyokanji*, *kJoyokanji*, *kKoreanEducationHanja*, *kKoreanName*, and *kTGH*—were added to the Unihan Database, and are documented in UAX #38. A new property, *Equivalent_Unified_Ideograph*, was added to the UCD that benefits most of the characters in the [CJK Radicals Supplement](#), [Kangxi Radicals](#), and [CJK Strokes](#) blocks. In total, 684 characters were added to the standard, which now includes 137,374 characters. Only five new CJK Unified Ideographs were added, all of which are UNC's (*Urgently Needed Characters*) appended to the URO from U+9FEB through U+9FEF. As a result, the total number of CJK Unified Ideographs increased to [87,887](#).
2. Work is well underway for [Unicode Version 12.0](#), which is on an accelerated schedule to be released in early March of 2019, one quarter earlier. All subsequent versions are expected to be released in early March of each year.
3. Per Japan NB's request in SC2 N4577 (aka [L2/17-429](#)), the UTC reserved U+32FF as the code point to represent the two-ideograph square ligature form of Japan's forthcoming new era name. Due to the timing of the announcement—this may happen as early as 2019-02-25, but as late as 2019-05-01, which is the date on which the new era begins—it is too late to include this character in Version 12.0. This is because U+32FF requires a character name, a decomposition, and a representative glyph. As a result, the UTC is [planning](#) to issue a dot-release, Version 12.1, very soon after the actual announcement is made. Version 12.1 is expected to include only this one additional character. The [presentation slides](#) for the Panel Discussion that took place during IUC42 (see below)—Session 3, Track 3—provides background information, the work that has been done thus far, and the work that still needs to be done, along with links to various articles.
4. [IUC42](#) (42nd Internationalization & Unicode Conference) took place from 2018-09-10 through 2018-09-12 in Santa Clara, California, USA.
5. Per [Recommendation IRG M50.3](#), UTC experts reviewed the UTC-assigned portion of IRG Working Set 2017 Version 2.0 (aka IRG N2309), and submitted review comments in August. Per the same Recommendation, the UTC responded to the consolidated comments on 2018-10-12, though it was revised on 2018-10-14 with clearer evidence for 03774 (UTC-03106).
6. For those who have interest in the *kMainlandTelegraph* and *kTaiwanTelegraph* properties of the Unihan Database, please see the proposed changes in [L2/18-096](#), [L2/18-263](#), and [L2/18-289](#).
7. Please be aware that a new Unihan Database property, tentatively named *kUnihanCore2020*, has been proposed, and was discussed during UTC #157. See [L2/18-279R](#) (aka [IRG N2334R](#)) to read the current proposal.

That is all.