

Universal Multiple-Octet Coded Character Set International Organization for Standardization

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Title: US/Unicode Activity Report for IRG 41

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Status: Member Body Contribution

Action: None

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The UTC and others in the US have been involved in the following activities since IRG 40 took place:

1. Unicode Version 6.3* was released on 2013-09-30, and included updates to UAXes #38, *Unicode Han Database (UniHan)*,† and #45, *U-Source Ideographs*.‡ The following is a summary of CJK-related UCD (*Unicode Character Database*) changes that were made in Version 6.3:
 - 245 new entries were added to *USourceData.txt* and *USourceGlyphs.pdf* (UTC-00953 through UTC-01197).
 - 1,002 Standardized Variants that directly correspond to the 1,002 CJK Compatibility Ideographs were added.
 - The kHanyuPinlu fields in *UniHan_Readings.txt* now use diacritics instead of digits to represent tones.
2. Work on Unicode Version 7.0 is currently underway. Note that Extension E will *not* be included.
3. The UTC provided assistance to UC Berkeley's Script Encoding Initiative (SEI) in the preparation of their 20-character UNC (*Urgently Needed Characters*) proposal that was submitted for IRG 41 as IRG N1954.§
4. The UTC requests IRG feedback on the 2013-11-08 revision of the UNC proposal that was originally submitted during IRG 40 as IRG N1936,¶ which incorporates the 2013-11-01 comments and suggestions from Japan.
5. The following two new sets of draft property data have been completed:
 - HDC (漢語大詞典) includes mappings and pinyin readings for 23,419 mono- and approximately 375,000 poly-syllable heads, along with their CDL-based radical/stroke counts.
 - ZDC (中文大辭典) includes 49,905 mappings and radical/stroke counts; this represents the first dictionary mappings for a number of T-Source CJK Unified Ideographs.

In addition, kGSR mappings have undergone extensive proofing, and several errors in this data have been detected and subsequently corrected; completed mappings for 简化字总表 have been established; and, pending UTC approval, new and revised property data will be made available in future UniHan Database releases.

6. UTR #50, *Unicode Vertical Text Layout*, was released in Approved form.**
7. A face-to-face meeting of the world's leading Siddham script (悉曇文字 or 梵字) experts and stakeholders will take place on 2013-11-22 from 10:00 to 17:00 at the IRG 41 venue.
8. Adobe, in cooperation with Google, contributed its CFF rasterization technology to FreeType.†† This means improved rasterization for OpenType/CFF fonts in environments that use FreeType, such as Google's OSes (Chrome and Android) and Linux, which translates into a much broader font selection for over one billion devices.
9. IUC37 (*37th Internationalization & Unicode Conference*) took place from 2013-10-21 through 2013-10-23 in Santa Clara, California, USA.** As usual, it was a great success. A significant part of its success—and a benefit for its attendees—can be attributed to the opportunity for face-to-face interaction with others who develop using Unicode.

That is all.

* <http://www.unicode.org/versions/Unicode6.3.0/>

† <http://www.unicode.org/reports/tr38/>

‡ <http://www.unicode.org/reports/tr45/>

§ <http://appsrv.cse.cuhk.edu.hk/~irg/irg41/IRGN1954.zip>

¶ http://appsrv.cse.cuhk.edu.hk/~irg/irg41/IRGN1936R_UTC_UNC.zip

** www.unicode.org/reports/tr50/

†† <http://blogs.adobe.com/typblography/2013/06/adobe-cff-font-rasterizer-accepted-by-freetype.html>

‡‡ <http://www.unicodeconference.org/>