

Universal Multiple-Octet Coded Character Set
International Organization for Standardization

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Title: US/Unicode Activity Report for IRG 38

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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 37 took place:

1. Unicode Version 6.1 was released on 2012-01-31.* This new minor version of Unicode includes one new CJK Unified Ideograph, U+9FCC (涼), and two new CJK Compatibility Ideographs, U+FA2E and U+FA2F. Unicode now includes 74,617 CJK Unified Ideographs and 1,002 CJK Compatibility Ideographs. A printed version of the Unicode Version 6.1 “Core Specification” can be ordered via Lulu.†
2. A new version of the IVD (*Ideographic Variation Database*) was issued on 2012-03-02 that includes 32 additional “Adobe-Japan1” IVSes and 8,850 additional “Hanyo-Denshi” IVSes.‡ This new version of the IVD introduces a new datafile, named *IVD_Stats.txt*, that provides various statistics for the IVD.
3. IRG N1825, which was reflected in Resolution M37.11 (*New kIRG_JSource Source Proposal*), was officially withdrawn on 2012-04-11, mainly because the information provided in the UTR #45 data file for the affected sources was deemed sufficient, but also to respect the opinion of the Japan NB.
4. UTS #37, *Unicode Ideographic Variation Database*, was updated with a minor change that was largely editorial in nature.§
5. UAX #38, *Unicode Han Database (Unihan)*, was updated for Unicode Version 6.1.¶ Some regular expressions were updated, the *kTotalStrokes* and *kMandarin* fields were redefined, the use of the *kTraditionalVariant* and *kSimplifiedVariant* fields was clarified, an explicit listing of characters covered by the Unihan Database was added (Section 4.4), and the order of multiple values was clarified.
6. UTR #45, *U-Source Ideographs*, was updated.** Some Adobe-CNS1 and Adobe-Japan1 source references were corrected, and its data file and glyph chart were updated to reflect issued raised during IRG 37. Also, UTR #45 is now slated to become UAX #45.
7. UTR #50, *Unicode Properties for Vertical Text Layout*, is still at the Proposed Draft stage, and being handled as PRI 207.†† Any comments and suggestions are welcome and encouraged.
8. ISO/IEC 14496-28:2012 (*Composite Font Representation*) was published on 2012-04-17.‡‡ This standard defines an XML representation for composite fonts that effectively breaks the 64K glyph barrier inherent in today’s sfnt-based font formats (TrueType and OpenType), to include name- and CID-keyed PostScript fonts.
9. We encourage all IRG members to read and consider WG2 N4246R2§§ and WG2 N4247.¶¶ Any feedback should be submitted to WG2 prior to Meeting 60.
10. IUC36 (*36th Internationalization & Unicode Conference*) will take place from 2012-10-22 through 2012-10-24 in Santa Clara, California, USA.*** IRG members are encouraged to attend.

That is all.

* <http://www.unicode.org/versions/Unicode6.1.0/>

† <http://www.lulu.com/shop/unicode-consortium/the-unicode-standard-version-61-core-specification/paperback/product-20082926.html>

‡ <http://www.unicode.org/ivd/>

§ <http://www.unicode.org/reports/tr37/>

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

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

†† <http://www.unicode.org/review/pri207/>

‡‡ http://www.iso.org/iso/iso_catalogue/catalogue_tc/catalogue_detail.htm?csnumber=59240

§§ <http://std.dkuug.dk/jtc1/sc2/wg2/docs/n4246.pdf>

¶¶ <http://std.dkuug.dk/jtc1/sc2/wg2/docs/n4247.pdf>

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