

ISO/IEC JTC1/SC2/WG2/IRG N1765

Universal Multiple-Octet Coded Character Set International Organization for Standardization

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Title: Current Status of IVS Support in OSeS & Applications

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Action: For consideration by the IRG

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I reported about the current state of IVS support during IRG 34 in document IRG N1676 (*Adobe-Japan1 IVD Collection: Current Status & Future Directions*), specifically the following:

- Adobe Systems IVS-enabled 50 of its OpenType/CFF Japanese fonts by adding a Format 14 ‘cmap’ subtable
- Adobe Systems’ AFDKO (*Adobe Font Development Kit for OpenType*)* includes IVS-enabled font tools: *makeotf* and *spot*
- Mac OS X Version 10.6 and Windows 7 were the first OSeS to introduce IVS support
- Adobe Acrobat & Adobe Reader Version 9 and greater, Adobe InDesign CS4 and greater, and Adobe Flash Player Version 10 include IVS support

The following represent new developments in the realm of IVS support, which demonstrate that acceptance of and support for IVSes are becoming increasingly broad:

- The “Hanyo-Denshi” IVD Collection† with 4,195 IVSes was registered on 11/14/2010
- IVSTPC (*IVS Technology Promotion Council*)‡ was formed in Japan in 12/2010
- Mozilla Foundation’s Firefox Version 4 for all platforms includes IVS support
- The DTL OTMaster§ font tool and the free “Light” version include support for IVSes
- I am planning to start the registration process for 32 additional “Adobe-Japan1” IVSes in 06/2011
- Iwata IVS-enabled 56 of its OpenType/CFF Japanese Pr6/Pr6N fonts¶
- The free *HanaMin* (花園明朝) OpenType/TTF Japanese font is IVS-enabled**
- The free *IPAexGothic* (IPAex ゴシック) and *IPAexMincho* (IPAex 明朝) OpenType/TTF Japanese fonts are IVS-enabled††
- Several “Y.oz Vox” open source OpenType/CFF and TTC Japanese fonts are IVS-enabled‡‡
- There has been experimental IVS support done for Pango and Qt
- With regard to Windows OS, Microsoft takes customer feedback into consideration for each release, and they received requests for improving its IVS support

That is all.

* <http://www.adobe.com/devnet/opentype/afdko/>

† <http://www.unicode.org/ivd/>

‡ <http://ivstpc.jp/>

§ http://www.fontmaster.nl/english/OTMaster_rdrct.html

¶ <http://www.iwatafont.co.jp/news/pr6.html>

** <http://fonts.jp/hanazono/>

†† <http://ossipedia.ipa.go.jp/ipafont/>

‡‡ <http://yozvox.web.infoseek.co.jp/>