

Universal Multiple-Octet Coded Character Set UCS
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## 1. Review of WS2015 and WS2017

In light of the sources collected by the Project Chinese Characters Repertoire (中華字庫) and the rationales by the China National Language and Character Working Committee, China reviewed these 2 working sets and provided more evidences to supplement the deficiency of the previous version.

## 2. Progress of GB 18030

The updating of GB 18030 *Information technology Chinese coded character set* is planned to be finished at the end of 2018 and may be released in 2019. The related dot matrix fonts standards are being updated simultaneously.

The standard will contain CJK Unified Ideographs including its extension A to F in order to involve all 8,105 characters of the General Purpose Normalized Hanzi List (通用规范汉字表). The standard will also contain some minority scripts derived from UCS2017 such as Lisu and Miao.

The mandatory requirement may be kept unchanged: CJK+Ext. A.

## 3. Progress of the Project “Chinese Characters Repertoire” (中華字庫)

a) Horizontal Extension for G Source Is Carrying Out.

As the characters using in Sciences and Technologies could complement

a large number of G sources, the Project Chinese Characters Repertoire and the China National Language and Character Working Committee are cooperating on the issue with horizontal extension work.

#### b) Fonts Refining

The so called “intermediate” fonts of 1 million hanzi characters are continuing their large-scale operations and promotions. 14 batches of fonts were completed in the past 6 months. Therefore, nearly 670,000 characters are completed so far. The developers of these fonts believe that their products (“intermediate” fonts) would be excellent foundation for the final fine fonts.

One of the font vendors developed a technology of machine automatic generating same type fonts by giving fully interpolatable key values.