

Brief excursion: Digitization of writing systems







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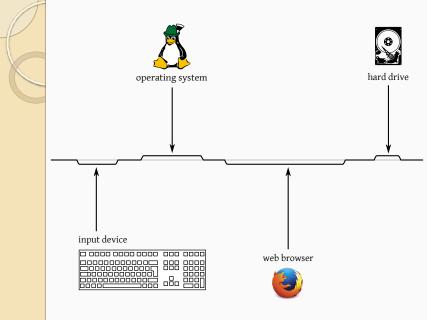






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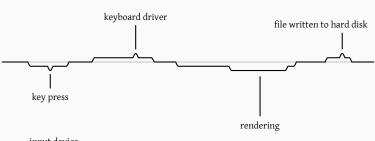












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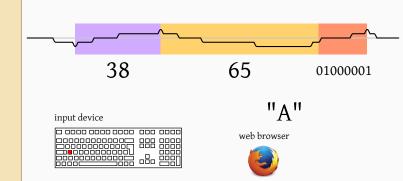


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input device









hardware "encoding" "charset"

input device

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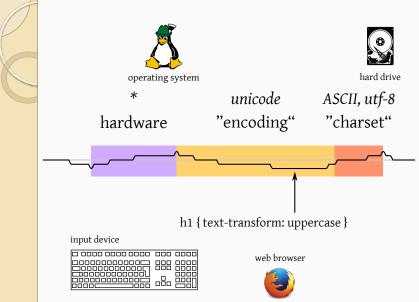


unicode ASCII, utf-8
"encoding" "charset"

input device









emojis!

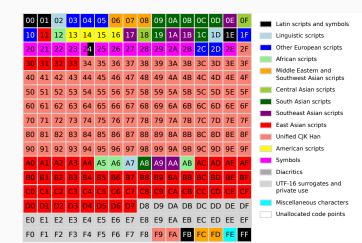
112 804 characters specified. Distributed among 17 planes in blocks.

One plane can contain up to 65535 characters.

- Basic Multilingual Plane (plane 0)
- Supplementary Multilingual Plane (plane 1)
- Supplementary Ideographic Plane (plane 2)

Technical and linguistical issue.

Basic Multilingual Plane



Writing systems (lecture)

=	04. Nov 2014		Vinča symbols
U+12000-U+123FF	11. Nov 2014	5.0	Cuneiform [Keilschrift]
_	18. Nov 2014		Hieroglyphs of Ankhi, Dongba and geba
U+13000-U+1342F	18. Nov 2014	5.2	Egyptian Hieroglyphs
=	18. Nov 2014		Anatolian Hieroglyphs
U+0900-U+097F	25. Nov 2014	1.0	Devaganari
U+A8E0-U+A8FF	25. Nov 2014	1.0	Devaganari Extended
U+1CD0-U+1CFF	25. Nov 2014	5.2	Vedic Extensions
U+10A00-U+10A5F	25. Nov 2014	4.1	Supplementary Multilingual Plane, Kharoṣṭhī
U+11000-U+1107F	25. Nov 2014	6.0	Supplementary Multilingual Plane, Brāhmī
U+3040-U+309F	02. Dec 2014	1.0	Hiragana
U+30A0-U+30FF	02. Dec 2014	1.0	Katakana
U+4E00-U+9FCF	02. Dec 2014	1.0	CJK Unified Ideographs [Kanji, Han Unified]
U+3400-U+4DBF	02. Dec 2014	3.0	CJK Unified Ideographs Extension A
U+20000-U+2A6DF	02. Dec 2014	3.1	CJK Unified Ideographs Extension B
U+2A700-U+2B73F	02. Dec 2014	5.2	CJK Unified Ideographs Extension C
U+2B740-U+2B81F	02. Dec 2014	6.0	CJK Unified Ideographs Extension D

See http://www.unicode.org/charts/

Writing systems (lecture)

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09. Dec 2014 7.0
U+10600-U+1077F
                                   Linear A
                                    Linear B Syllabary
U+10000-U+1007F
                  09. Dec 2014
                               4.0
                                    Linear B Ideograms
U+10080-U+100FF
                  09. Dec 2014
                               4.0
U+10100-U+1013F
                  09. Dec 2014
                               4.0
                                    Aegean Numbers
                                    Greek and Coptic
 U+0370-U+03FF
                  16. Dec 2014
                               1.0
                                    Greek Extended
 U+1F00-U+1FFF
                  16. Dec 2014
                               1.1
 U+2C80-U+2CFF
                  16. Dec 2014
                                    Coptic
                               4.1
                                    Phoenician
U+10900-U+1091F
                  16. Dec 2014
                               5.0
                  13. Jan 2015
                                    Etruscan writing system
 U+0000-U+007F
                  13. Jan 2015
                                    Basic Latin
                               1.0
                  20. Jan 2015
 U+16A0-U+16F8
                               3.0
                                    Runic
U+10330-U+1034A
                  20. Jan 2015
                               3.1
                                    Gothic
                  27. Jan 2015
                                    Early Cyrillic alphabet
                  27. Jan 2015
                                    Cyrillic
 U+0400-U+04FF
                               1.0
```

See http://www.unicode.org/charts/

Runes in ISO 10646/Unicode?!

https://groups.google.com/forum/#!topic/swnet.svenska/Sh8NUXegzKY, 12.01.1995

- > Are you interested in runes and their possible inclusion into
- > ISO 10646 and Unicode? (I'm talking about the _real_ runes, the
- > early alphabet used by Germanic peoples from about 100 A.D. and
- > displayed on numerous Viking-Age runic stones, not the "runes"
- > of the Plan9 operating system.)
- > I have sent the 27 page draft proposal for a runic extension
- > of 10646, prepared by the ISORUNES project, to the
- > <iso1...@JHUVM.HCF.JHU.EDU> mailing list for public discussion.

Thank you for this information!

There is a project at the Univ. of Bergen, Norway, where, among othere

things, we want to make an inventory of the runic forms (or glyphs) that have been used. This classification is to be based purely on the graphic form, i.e. it comes before any discussion of graphemes. Thos who are interested can have a look at:

http://gonzo.hd.uib.no/NCCH-docs/Runes.html

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Danke für eure Aufmerksamkeit!