Symbola

Features and Repertoire

Symbola, version 11.00, June 2018

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Unicode Fonts for Ancient Scripts

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OpenType features

✓ Small Caps, Small Capitals From Capitals, Superscripts and Subscripts;

- smcp Small Capitals: abcdefghijkαβγδεζηθικϐϑφϖϝϗϱ → ABCDEFGHIJKABΓΔEZHΘIKBΘΦΠFKP
- c2sc Small Capitals From Capitals: ABCDEFGHIJKABΓΔEZHΘIKF→ ABCDEFGHIJKABΓΔEZHΘIKF
- sups Superscript: 234567abcdefghijkαβγδεζηθικϐϑφϖϝϗϱ → 234567abcdefghijkαβγδεζηθικϐϑφϖϝϗϱ
- subs Subscript: 234567abcdefghijkαβγδεζηθικϐϑφϖϝϗϱ → 234567abcdefghijkαβγδεζηθικϐϑφϖϝϗϱ

✓ Old Style Figures, Numerators, Denominators and Fractions;

- onum Oldstyle Figures: 0123456789 → 0123456789
- numr Numerators: 0123456789 → 0123456789
- dnom Denominators: 0123456789 → 0123456789
- frac Fractions: 137/29 + 5/8 = 1241/232 → 137⁄29 + 5⁄8 = 1241⁄232

✓ Mathematical Variants;

- ccmp Standardized Variants:
  0∅∩∪⪋⪌≾≿⪷⪸⊂⊃⊓⊔⊕⊗⊖⪯⪰∽⊢≺≻≤≥⊊⊋ → 0∅∩∪⪋⪌≾≿⪷⪸⊂⊃⊓⊔⊕⊗⊖⪯⪰ɹʟ≺≻⩽⩾⊊⊋
- dtls Dotless Forms: i̊j̊ij̊íj́i̊j̊íj́ij̊ij́i̊j̊ij́ij → ı̊ȷ̊ıȷ̊ı́ȷ́ı̊ȷ̊ı́ȷ́ıȷ́ı̊ȷ̊ı́ȷ́ıȷ
- cv01 Character Variants: 𝒪𝑜 𝑜 → 𝒪 𝑜 𝑜

✓ Latin Ligatures;

- dlig Discretionary Ligatures: st a/c a/s c/o c/u A/S → ﬆ ℀ ℁ ℅ ℆ ⅍, אל ← א
- hlig Historical Latures: ſt → ẜ
- liga Standard Ligatures: ffi, ffl, ff, fi, fl, ffj, fj, tti, tf → ffi, ffl, ff, fi, fl, ffj, fj, tti, tf

✓ Hebrew Features;

- dlig Discretionary Ligatures: א ← אל
- aalt Access All Alternates: ﬡ ← א
- ccmp Cantillation Marks and Points: ְ ֱ ֲ ֳ ִ ֵ ֶ ַ ָ ֹ ֺ ֻ ּ ֽ ֿ ׁ ׂ ׃ ׄ ׅ ׆ ׇ ׳ ״

✓ Gothic Features;

- c2sc lowercase: 𐌰𐌱𐌲𐌳𐌴𐌵𐌶𐌷𐌸𐌹𐌺𐌻𐌼𐌽𐌾𐌿𐍀𐍁𐍂𐍃𐍄𐍅𐍆𐍇𐍈𐍉𐍊 → 𐌰𐌱𐌲𐌳𐌴𐌵𐌶𐌷𐌸𐌹𐌺𐌻𐌼𐌽𐌾𐌿𐍀𐍁𐍂𐍃𐍄𐍅𐍆𐍇𐍈𐍉𐍊
- ccmp marks: Ï a̅ E̅ Ī N̄ Q̄, ï a̅ e̅ ī n̄ q̄
- dlig ligatures: TT ΛΛ тт λλ → TT ΛΛ тт λλ

✓ Italics;

- ital Italics: ABCDE..abcde, ABΓΔΨΩF..αβγδψωϝ, ∇ϑ ∂ϱ → *ABCDE..abcde*, *ABΓΔΨΩF..αβγδψωϝ*, *∇ϑ ∂ϱ*

✓ Swash;

- swsh Swash: ABCDEF..abcdeghi → 𝒜ℬ𝒞𝒟ℰℱ..𝒶𝒷𝒸𝒹𝑒𝑔𝒽𝒾

✓ Historical Cyrillic signs for myriads with letters а в г д е ѕ ʒ и ѳ and combining marks ◯ ◌҇ ◌҈ ◌҉ ◌҃ ◌҅ ◌҆;

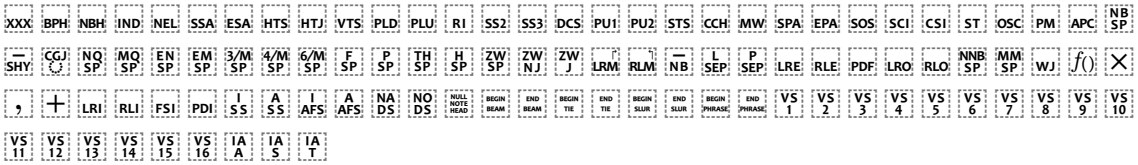
- ccmp Cyrillic Myriads: а+◯ е+◌҇ ʒ+◌҅ → ⓐ ◌҇ ◌҅

✓ Localized Forms;

- locl Church Slavonic: ЄАЕЩЭєаещэ ⇝ ҔѦҔІЏІЭҕаєщэ,
  Dutch, Danish[dlig], French: IJ AE OE ⇝ IJ Æ Œ
  Latin: universe ⇝ vniuerse
  Anglo-Saxon: Garage ⇝ Ȝarage

version notes

- ✓ Complete Latin, Greek, Cyrillic, Hebrew, Coptic, Gothic, Deseret, Phonetic and Combining Marks' blocks;
- ✓ Symbols and characters (164 new glyphs) introduced in Unicode 11;
- ✓ Added italics for FƒFƒæœſ123fjſt123tf.... (*FƒFƒæœſ123fjſt123tf....*);
- ✓ Scan lines (23BA...23BD) are designed 'unified' with other (203E, 2013, 005F) relevant glyphs: ¯–_–_–_
- ✓ Spaces and control characters may be graphically displayed by transposition to Plane-15. For example, the zero-width joiner U+**0**200D can be displayed as U+**F**200D = ZW J, or the null notehead U+**1**D159 as U+**F**D159 = NULL NOTE HEAD. These are the only *Symbola* glyphs in Private Use Areas:



document information

- ✓ This document uses only *Symbola* font; with all its OpenType features.
- ✓ There are no weight or style variants of Symbola; the *Mathematical Alphanumeric Symbols* (1D400.. 1D7FF) block contains such variants for letters with the semantics of UTReport 25: 'Unicode Support of Mathematics'; see also pp. 786-789 of "The Unicode Standard Version 10.00 - Core Specification".
- ⁇ Screen appearance of hinted or unhinted Symbola depends on the actual OS and application used.
- ✗ OpenType features are implemented only in high-end desktop publishing software; popular word processors do not support advanced OpenType features.
- ☑ LibreOffice, by The Document Foundation, supports all OpenType features present in *Unicode Fonts for Ancient Scripts*. This PDF document was prepared in LibreOffice 5.4.2.2; the accompanying source file, *Symbola.otd*, will not display correctly in other applications.

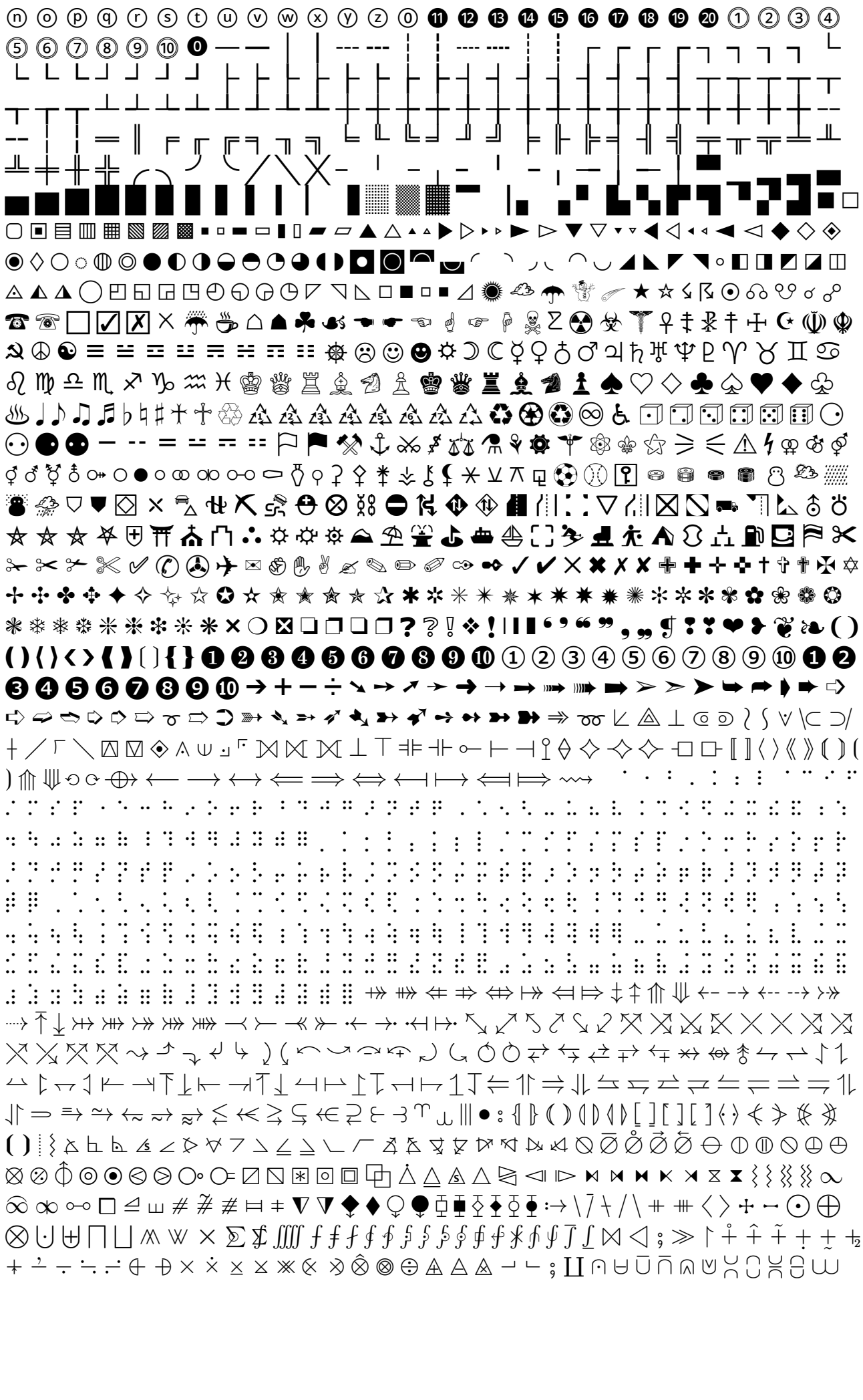
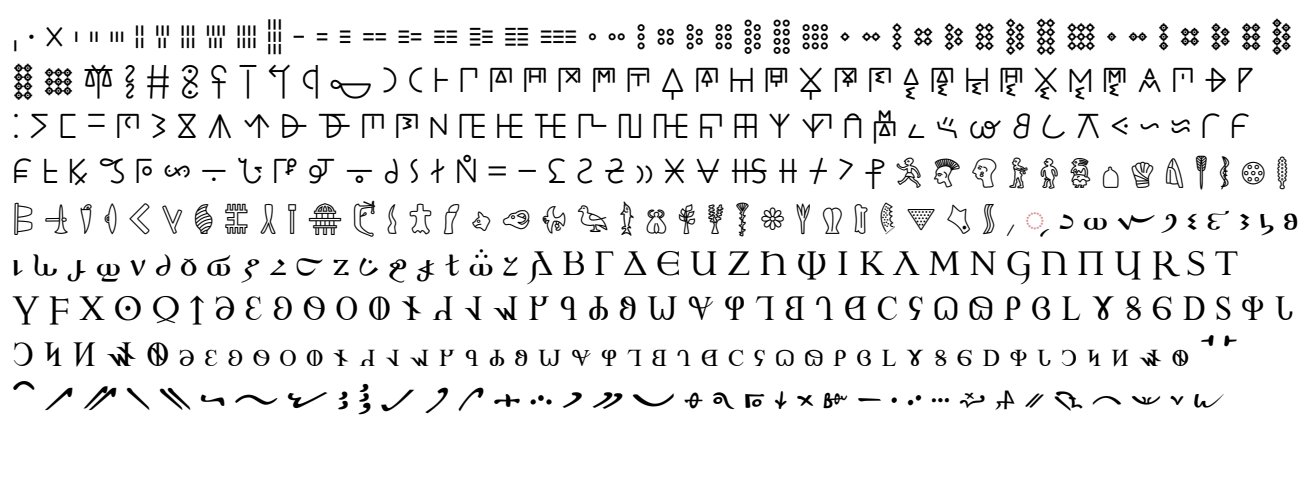
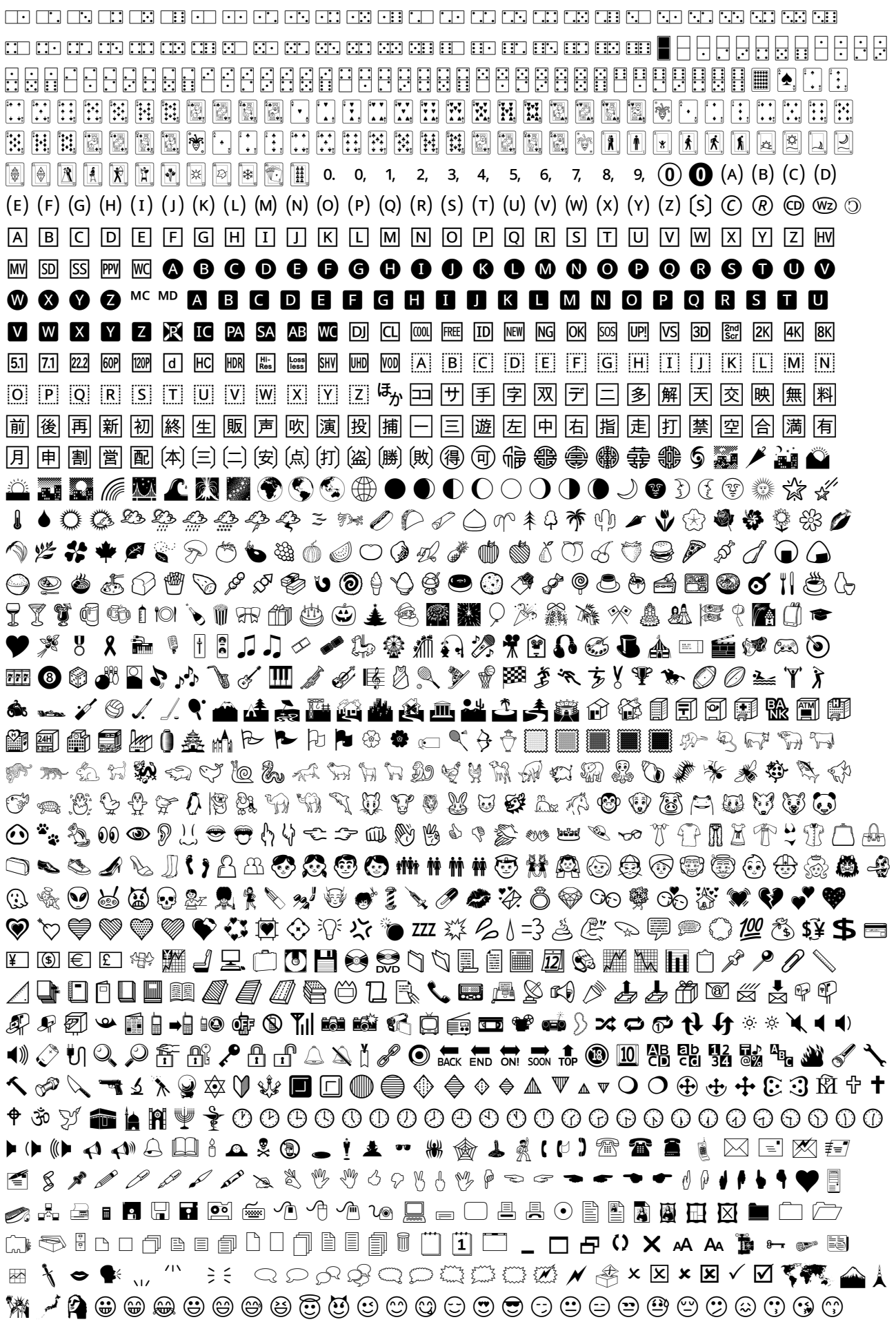
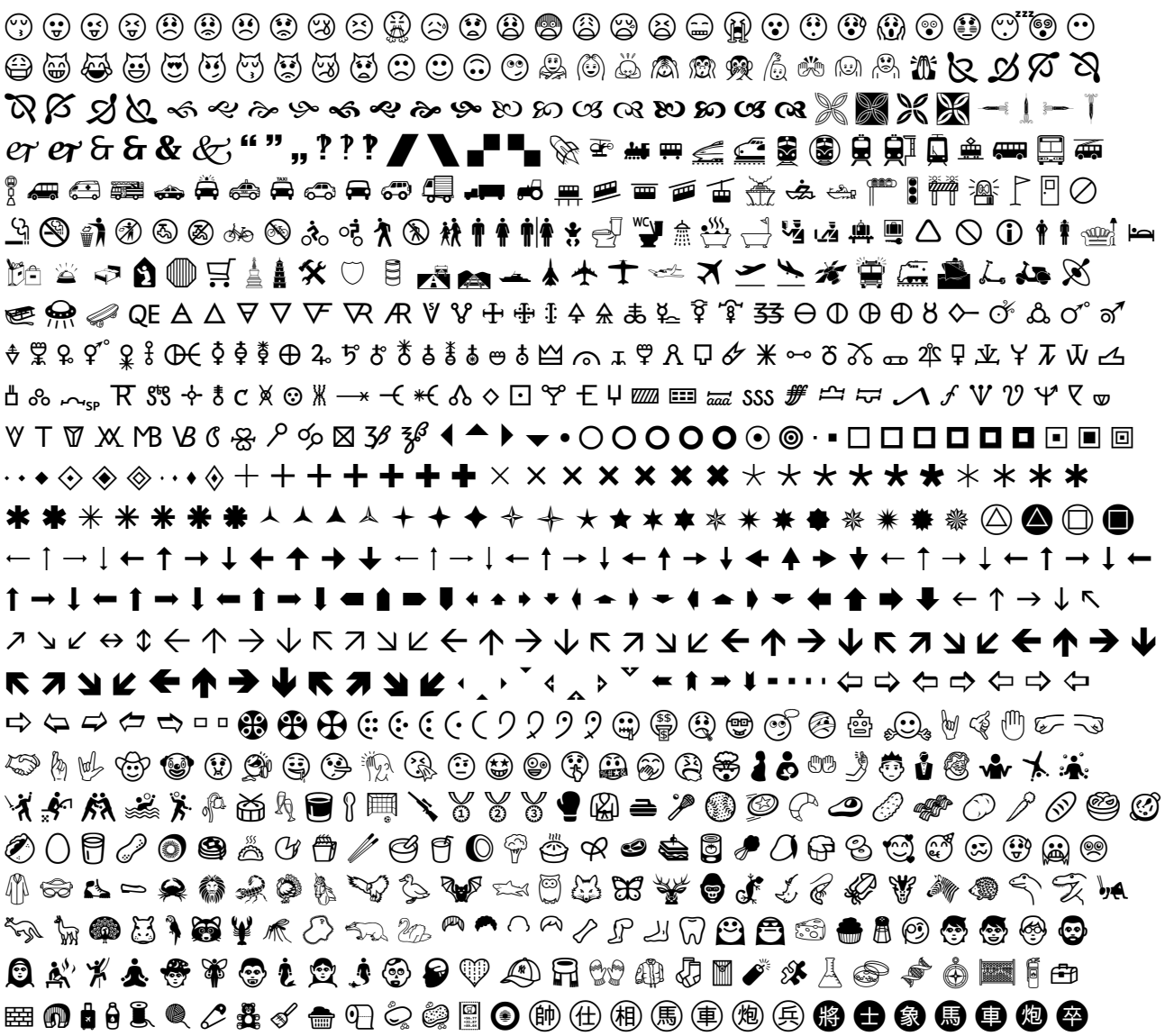
blocks covered

BMP Basic Latin, Latin-1 Supplement, Latin Extended-A, Latin Extended-B, IPA Extensions, Spacing Modifier Letters, Combining Diacritical Marks, Greek and Coptic, Cyrillic, Cyrillic Supplement, Hebrew, Combining Diacritical Marks Extended, Cyrillic Extended-C, Phonetic Extensions, Phonetic Extensions Supplement, Combining Diacritical Marks Supplement, Latin Extended Additional, Greek Extended, General Punctuation, Superscripts and Subscripts, Currency Symbols, Combining Diacritical Marks for Symbols, Letterlike Symbols, Number Forms, Arrows, Mathematical Operators, Miscellaneous Technical, Control Pictures, Optical Character Recognition, Enclosed Alphanumerics, Box Drawing, Block Elements, Geometric Shapes, Miscellaneous Symbols, Dingbats, Miscellaneous Mathematical Symbols-A, Supplemental Arrows-A, Braille Patterns, Supplemental Arrows-B, Miscellaneous Mathematical Symbols-B, Supplemental Mathematical Operators, Miscellaneous Symbols and Arrows, Latin Extended-C, Coptic, Cyrillic Extended-A, Supplemental Punctuation, Yijing Hexagram Symbols, Cyrillic Extended-B, Latin Extended-D, Latin Extended-E, Alphabetic Presentation Forms, Variation Selectors, Combining Half Marks, Specials;

SMP Aegean Numbers, Ancient Greek Numbers, Ancient Symbols, Phaistos Disc, Coptic Epact Numbers, Gothic, Deseret, Byzantine Musical Symbols, Musical Symbols, Ancient Greek Musical Notation, Tai Xuan Jing Symbols, Counting Rod Numerals, Mathematical Alphanumeric Symbols, Mahjong Tiles, Domino Tiles, Playing Cards, Enclosed Alphanumeric Supplement, Enclosed Ideographic Supplement, Miscellaneous Symbols and Pictographs, Emoticons, Ornamental Dingbats, Transport and Map Symbols, Alchemical Symbols, Geometric Shapes Extended, Supplemental Arrows-C, Supplemental Symbols and Pictographs.

Character Repertoire

Basic Multilingual Plane



Supplementary Multilingual Plane