

Unicode definition list

L2/01-083

| Definition | Label | Where? | Norm | Glossary | Multiple | Complex | Alias | Superseded | Fixed |
|------------------------------|-------|--------|------|----------|----------|---------|-------|------------|-------|
| abstract character | D3 | 3.3 | 2 | yes | | | | | |
| abstract character sequence | D4 | 3.3 | 2 | | | | | | |
| accent mark | | | | yes | | | | | |
| alphabet | | | | yes | | | | | |
| alphabetic property | | 4.10 | 2 | yes | | | | | |
| alphabetic sorting | | | | yes | | | yes | | |
| annotation | | | | yes | | | | | |
| ANSI | | | | yes | yes | | | | |
| Arabic digit | | | 1 | yes | | | | | |
| Arabic-Indic digit | | 3.12 | 1 | yes | | | | | |
| ASCII | | | | yes | | | | | |
| assigned character | | | 1 | yes | | | yes | | |
| assigned code point | | | 1 | yes | | | | | |
| assigned code value | | | 1 | yes | | | | yes | |
| base character | D13 | 3.5 | 2 | yes | | | | | |
| Basic Multilingual Plane | | | 2 | yes | | | | | |
| bicameral | | | | yes | | | | | |
| BIDI | | | | yes | | | yes | | |
| bidirectional behavior | | 3.12 | 2 | | | yes | | | |
| bidirectional character type | BD1 | 3.12 | 2 | | | yes | | | |
| bidirectional display | | | 1 | yes | | | | | |
| bidirectional text | | 3.12 | 1 | | | | | | |
| big-endian | | | | yes | | | | | |
| binary file | | | | yes | | | | | |
| block | | | 2 | yes | | | | | |
| blocked | D2 | UAX15 | 2 | | | | | | |
| BMP | | | 2 | yes | | | yes | | |
| BMP character | | | 2 | yes | | | | | |
| BMP code point | | | 2 | yes | | | | | |
| BNF | | | | yes | | | | | |
| BOM | | | 2 | yes | | | yes | | |
| Bopomofo | | | | yes | | | | | |
| boustrophedon | | | | yes | | | | | |
| Braille | | | | yes | | | | | |
| Braille pattern | | | | yes | | | | | |
| byte order mark | D35 | 3.8 | 2 | yes | | | | | |

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| byte sequence | D29 | 3.8 | 2 | | | | yes | | |
| byte serialization | | | | yes | | | | | |
| byte-swapped | | | | yes | | | | | |
| canonical | | | 2 | yes | yes | | | | |
| canonical composite | | UAX15 | 2 | | | | | | |
| canonical decomposition | D23 | 3.6 | 2 | yes | | | | | |
| canonical equivalent | D24 | 3.6 | 2 | yes | | | | | |
| canonical ordering | | 3.10 | 2 | | | yes | | | |
| cantillation mark | | | | yes | | | | | |
| capital | | | | yes | | | yes | | |
| case | | 4.1 | 2 | yes | yes | | | | |
| case mapping | | 4.1 | 2 | yes | | | | | |
| case property | D10a | 3.4, 4.2 | 2 | | | | | | |
| cedilla | | | | yes | | | | | |
| character | | | 2 | yes | yes | | yes | | |
| character block | | | 2 | yes | | | yes | | |
| character class | | | | yes | | | | | |
| character encoding form | | | 2 | yes | | | | | |
| character encoding scheme | | | 2 | yes | | | | | |
| character property | | | 2 | yes | | | | | |
| character repertoire | | | 2 | yes | | | | | |
| character semantics | D2 | 3.2 | 2 | | | yes | | | |
| character sequence | | | 1 | yes | yes | | yes | | |
| character set | | | 1 | yes | | | | | |
| charset | | | 1 | yes | | | yes | | |
| choseong | | 3.11 | 1 | | | | | | |
| Chu Han | | | | yes | | | | | |
| Chu Nom | | | | yes | | | | | |
| CJK | | | 1 | yes | | | | | |
| CJKV | | | 1 | yes | | | | | |
| code page | | | 1 | yes | | | | | |
| code point | D28 | 3.7 | 2 | yes | yes | | yes | | |
| code position | D28 | 3.7 | 2 | yes | | | yes | | |
| code set | | | 1 | yes | | | yes | | |
| code unit | D5 | 3.3 | 2 | yes | | | yes | | |
| code unit sequence | D29 | 3.8 | 2 | | | | | | |

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| code value | D5 | 3.3 | 2 | yes | | | yes | yes | |
| code value sequence | D29 | 3.8 | 2 | | | | yes | yes | |
| coded character representation | D6 | 3.3 | 2 | yes | | | | | |
| coded character sequence | D7 | 3.3 | 2 | yes | | | | | |
| coded character set | | | 2 | yes | | | | | |
| codespace | | | 2 | yes | | | | | |
| collation | | | | yes | | | | | |
| combining character | D14 | 3.5 | 2 | yes | | | | | |
| combining character sequence | D17 | 3.5 | 2 | yes | | | | | |
| combining class | D37 | 3.10, 4.2 | 2 | yes | | yes | | | |
| compatibility | | | 2 | yes | yes | | | | |
| compatibility character | D21 | 3.6 | 2 | yes | yes | | | | |
| compatibility composite | | UAX15 | 2 | | | | | | |
| compatibility decomposition | D20 | 3.6 | 2 | yes | | | | | |
| compatibility equivalent | D22 | 3.6 | 2 | yes | | | | | |
| compatibility variant | | | 1 | yes | | | | | |
| composed character sequence | | | | yes | | | | | no |
| composite character | | | | yes | | | yes | | |
| composite character sequence | D17 | 3.5 | 2 | yes | | | yes | | |
| composition exclusion table | | UAX15 | 2 | | | yes | | | |
| composition version (of the UCD) | | UAX15 | 2 | | | | | | |
| conformance | | | | yes | | | | | |
| conjunct form | | | 2 | yes | | | | | |
| consonant cluster | | | | yes | | | | | |
| consonant conjunct | | | | yes | | | | | |
| contextual variant | | | | yes | | | | | |
| control character | | | 2 | yes | | | yes | | |
| control code | | | 2 | yes | | | | | |
| cursive | | | | yes | | | | | |
| DBCS | | | | yes | | | yes | | |
| dead consonant | | | 2 | yes | | | | | |
| decimal digit | | 4.6 | 1 | yes | | | | | |
| decomposable character | D18 | 3.6 | 2 | yes | | | | | |
| decomposition | D19 | 3.6 | 2 | yes | yes | | | | |
| default property | | 4 | 2 | | | | | | |
| defective combining character sequence | D17a | 3.5 | 2 | yes | | | | | |

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| demotic script | | | | yes | yes | | | | |
| dependent vowel | | | 2 | yes | | | | | |
| deprecated character | D7a | 3.3 | 2 | yes | | | | | |
| diacritic | | | | yes | yes | | | | |
| diaeresis | | | | yes | | | | | |
| digraph | | | | yes | | | | | |
| dingbat | | | | yes | | | | | |
| diphthong | | | | yes | | | | | |
| direct break | | UAX14 | 2 | | | | | | |
| directional formatting codes | | 3.12 | 2 | | | yes | | | |
| directional override status | BD6 | 3.12 | 2 | | | | | | |
| directionality | | 4.3 | 2 | | | | | | |
| directionality property | D9 | 3.4, 4.3 | 2 | yes | | | | | |
| display cell | | | | yes | | | | | |
| display order | | | 1 | yes | | | | | |
| double-byte character set | | | | yes | | | | | |
| ductility | | | | yes | | | | | |
| dynamic composition | | | 1 | yes | | | | | |
| East Asian ambiguous | ED6 | UAX11 | 2 | | | | | | |
| East Asian full-width | ED2 | UAX11 | 2 | | | | | | |
| East Asian half-width | ED3 | UAX11 | 2 | | | | | | |
| East Asian narrow | ED5 | UAX11 | 2 | | | | | | |
| East Asian wide | ED4 | UAX11 | 2 | | | | | | |
| East Asian width | ED1 | UAX11 | 2 | | | | | | |
| Eastern Arabic-Indic digit | | | 1 | yes | | | | | |
| EBCDIC | | | | yes | | | | | |
| embedding direction | BD3 | 3.12 | 2 | | | | | | |
| embedding level | BD2 | 3.12 | 2 | | | | | | |
| encapsulated text | | | | yes | | | | | |
| encoded character | | | 1 | yes | | | | | |
| encoding form | | | 2 | yes | | | yes | | |
| encoding scheme | | | 2 | yes | | | yes | | |
| equivalence | | | 1 | yes | | | | | |
| escape sequence | | | | yes | | | | | |
| European digit | | 3.12 | 1 | yes | | | | | |
| explicit directional embedding | | 3.12 | 2 | | | yes | | | |

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| explicit directional overrides | | 3.12 | 2 | | | yes | | | |
| fancy text | | | 2 | yes | | | | | |
| floating | | | | yes | | | yes | | |
| font | | | 1 | yes | | | | | |
| formatted text | | | 1 | yes | | | yes | | |
| formatting codes | | | 1 | yes | | | | | |
| FSS-UTF | | | 1 | yes | | | yes | yes | |
| full bidirectionality | | 3.12 | 1 | | | | | | |
| fullwidth | | UAX11 | 2 | yes | | | | | |
| GCGID | | | | yes | | | | | |
| general category | | 4.5 | 2 | yes | | yes | | | |
| glyph | | | 2 | yes | | | | | |
| glyph code | | | 1 | yes | | | | | |
| glyph identifier | | | 1 | yes | | | | | |
| glyph image | | | 1 | yes | | | | | |
| glyph metrics | | | 1 | yes | | | | | |
| grapheme | | | 2 | yes | 2 | | | | |
| graphic character | | | 2 | yes | 2 | | | | |
| guillemet | | | | yes | | | | | |
| halant | | | | yes | | | yes | | |
| half-consonant form | | | 2 | yes | | | | | |
| halfwidth | | UAX11 | 2 | yes | | | | | |
| Han characters | | | | yes | | | | | |
| Han Unification | | | 2 | yes | | | | | |
| Hangul | | | | yes | | | | | |
| Hangul syllable composition | | 3.11 | 2 | | | yes | | | |
| Hangul syllable decomposition | | 3.11 | 2 | | | yes | | | |
| Hangul syllable names | | 3.11 | 2 | | | yes | | | |
| Hanja | | | | yes | | | | | |
| hankaku | | | | yes | | | yes | | |
| Hanzi | | | | yes | | | | | |
| harakat | | | | yes | | | | | |
| higher-level protocol | D8 | 3.3 | 2 | yes | | | | | |
| high-surrogate | D25 | 3.7 | 2 | yes | | | | | |
| Hiragana | | | | yes | | | | | |
| HTML | | | | yes | | | | | |

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|---------------------------------------|-------|--------|------|----------|----------|---------|-------|------------|-------|
| hyphenation | | UAX14 | 2 | | | | | | |
| IANA | | | | yes | | | | | |
| ideograph | | | | yes | yes | | | | |
| ideographic property | | 4.10 | 2 | yes | | | | | |
| illegal code unit sequence | D31 | 3.8 | 2 | yes | | | | | no |
| illegal code value sequence | D31 | 3.8 | 2 | yes | | | yes | yes | |
| illegal UTF-32 code unit sequence | D36b | 3.8 | 2 | | | | | | |
| illegal UTF-32BE code unit sequence | D36a | 3.8 | 2 | | | | | | |
| illegal UTF-32LE code unit sequence | D36b | 3.8 | 2 | | | | | | |
| ill-formed code unit sequence | D30 | 3.8 | 2 | yes | | | | | no |
| ill-formed code value sequence | D30 | 3.8 | 2 | yes | | | yes | yes | |
| implicit bidirectionality | | 3.12 | 1 | | | | | | |
| implicit directional marks | | 3.12 | 2 | | | yes | | | |
| in-band | | | | yes | | | | | |
| independent vowel | | | 2 | yes | | | | | |
| Indic digit | | | | yes | | | | | |
| indirect break | | UAX14 | 2 | | | | | | |
| informative | | | 2 | yes | | | | | |
| informative property | | 4 | 2 | | | | | | |
| inherent vowel | | | 2 | yes | | | | | |
| inner caps | | | | yes | | | | | |
| IPA | | | | yes | | | | | |
| IRG | | | | yes | | | | | |
| irregular code unit sequence | D32 | 3.8 | 2 | yes | | | | | no |
| irregular code value sequence | D32 | 3.8 | 2 | yes | | | yes | yes | |
| irregular UTF-32 code unit sequence | D36b | 3.8 | 2 | | | | | | |
| irregular UTF-32BE code unit sequence | D36a | 3.8 | 2 | | | | | | |
| irregular UTF-32LE code unit sequence | D36b | 3.8 | 2 | | | | | | |
| ISCII | | | | yes | | | | | |
| jamo | | | | yes | | | | | |
| jamo short name | | 4.4 | 2 | | | | | | |
| joiner | | | 2 | yes | | | | | |
| jongseong | | 3.11 | 1 | | | | | | |
| JTC1 | | | | yes | | | | | |
| jungseong | | 3.11 | 1 | | | | | | |
| kana | | | | yes | | | | | |

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| kanji | | | | yes | | | | | |
| Katakana | | | | yes | | | | | |
| kerning | | | | yes | | | | | |
| legal UTF-8 byte sequences | | 3.8 | 2 | | | yes | | | |
| letter | | | 1 | yes | yes | | | | |
| letter property | | 4.10 | 2 | yes | | | | | |
| level run | BD7 | 3.12 | 2 | | | | | | |
| ligature | | | 2 | yes | | | | | |
| line break | | UAX14 | 2 | | | | | | |
| line break opportunity | | UAX14 | 2 | | | | | | |
| line breaking | | UAX14 | 2 | | | | | | |
| line breaking property | | UAX14 | 2 | | | yes | | | |
| line fitting | line | UAX14 | 2 | | | | | | |
| little-endian | | | | yes | | | | | |
| logical order | | | 2 | yes | | | | | |
| logical store | | | | yes | | | | | |
| lowercase | | | 2 | yes | | | | | |
| low-surrogate | D26 | 3.7 | 2 | yes | | | | | |
| LSB | | | | yes | | | | | |
| LZW | | | | yes | | | | | |
| majuscule | | | | yes | | | | | |
| mandatory break | | UAX14 | 2 | | | | | | |
| mathematical property | | 4.9 | 2 | yes | | | | | |
| matra | | | 2 | yes | | | | | |
| MBCS | | | | yes | | | yes | | |
| MIME | | | | yes | | | | | |
| minuscule | | | | yes | | | | | |
| mirrored property | D10 | 3.4, 4.7 | 2 | yes | | | | | |
| missing glyph | | | 1 | yes | | | yes | | |
| modifier letter | | | 2 | yes | yes | | | | |
| monotonic | | | | yes | | | | | |
| MSB | | | | yes | | | | | |
| multibyte character set | | | | yes | | | | | |
| nekudot | | | | yes | | | | | |
| neutral (directional) type | | 3.12, 4.3 | 2 | | | | | | |
| neutral character | | | 2 | yes | | | yes | | |

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|-----------------------------------|-------|-----------|------|----------|----------|---------|-------|------------|-------|
| neutral directional character | | 3.12, 4.3 | 2 | | | | | | |
| NFC | | UAX15 | 2 | | | | yes | | |
| NFD | | UAX15 | 2 | | | | yes | | |
| NFKC | | UAX15 | 2 | | | | yes | | |
| NFKD | | UAX15 | 2 | | | | yes | | |
| noncharacter | D7b | 3.3 | 2 | yes | | | | | |
| non-joiner | | | 2 | yes | | | | | |
| nonspacing diacritic | | | | yes | | | | | |
| nonspacing mark | D15 | 3.5 | 2 | yes | | | | | |
| non-starter decomposition | | UAX15 | 2 | | | | | | |
| normalization | | | 2 | yes | yes | | | | |
| normalization form C | | UAX15 | 2 | | | yes | | | |
| normalization form D | | UAX15 | 2 | | | yes | | | |
| normalization form KC | | UAX15 | 2 | | | yes | | | |
| normalization form KD | | UAX15 | 2 | | | yes | | | |
| normative | | | 2 | yes | | | | | |
| normative properties and behavior | D1 | 3.2 | 2 | | | yes | | | |
| normative property | | 4 | 2 | | | | | | |
| NSM | | | | yes | | | yes | | |
| numeric property | | 4.6 | 2 | | | | yes | | |
| numeric value property | D10b | 3.4, 4.6 | 2 | yes | | | | | |
| obsolete | | | | yes | | | | | |
| out-of-band | | | | yes | | | | | |
| overfull | | UAX14 | 2 | | | | | | |
| paragraph direction | BD5 | 3.12 | 2 | | | | | | |
| paragraph embedding level | BD4 | 3.12 | 2 | | | | | | |
| phoneme | | | | yes | | | | | |
| Pinyin | | | | yes | | | | | |
| pivot conversion | | | | yes | | | | | |
| plain text | | | 2 | yes | | | | | |
| plane | | | 2 | yes | | | | | |
| point | | | | yes | yes | | | | |
| polytonic | | | | yes | | | | | |
| post composition version | | UAX15 | 2 | | | | | | |
| precomposed character | | | 1 | yes | | | yes | | |
| presentation form | | | 1 | yes | | | | | |

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| primary combined (with) | D4 | UAX15 | 2 | | | | | | |
| primary composite | D3 | UAX15 | 2 | | | | | | |
| private use | D12 | 3.4 | 2 | yes | | | | | |
| prohibited break | | UAX14 | 2 | | | | | | |
| property | | | 1 | yes | | | yes | | |
| radical | | | | yes | | | | | |
| rendering | | | 2 | yes | yes | | | | |
| repertoire | | | 1 | yes | | | yes | | |
| replacement character | | | 2 | yes | | | | | |
| replacement glyph | | | 1 | yes | | | | | |
| reserved | | | 1 | yes | | | | | |
| rich text | | | 1 | yes | | | yes | | |
| row | | | 2 | yes | | | | | |
| SBCS | | | | yes | | | yes | | |
| scalar value | | | 2 | yes | | | yes | | |
| script | | | 2 | yes | | | | | |
| script-specific (character) | | UAX15 | 2 | | | | | | |
| SGML | | | | yes | | | | | |
| shaping characters | | | 1 | yes | | | | | |
| singleton character | | UAX15 | 2 | | | | | | |
| small letter | | | | yes | | | yes | | |
| sorting | | | | yes | | | yes | | |
| spacing mark | D16 | 3.5 | 2 | yes | | | | | |
| special character properties | D11 | 3.4 | 2 | | | yes | | | |
| standard syllable block | | 3.11 | 1 | | | yes | | | |
| starter | D1 | UAX15 | 2 | | | | | | |
| static form | | | | yes | | | yes | yes | no |
| strong (directional) type | | 3.12, 4.3 | 2 | | | | | | |
| strong directional character | | 3.12, 4.3 | 2 | | | | | | |
| supplementary character | | | 2 | yes | | | | | |
| supplementary code point | | | 2 | yes | | | | | |
| supplementary plane | | | 2 | yes | | | | | |
| surrogate character | | | | yes | | | | yes | |
| surrogate code point | | | 2 | yes | | | | | |
| surrogate pair | D27 | 3.7 | 2 | yes | | | | | |
| syllabary | | | | yes | | | | | |

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| syllable | | | | yes | yes | | | | |
| syllable block | | 3.11 | 1 | | | yes | | | |
| symmetric swapping | | | 1 | yes | | | | | |
| tagging | | | | yes | | | | | |
| TEX | | | | yes | | | | | |
| text element | | | 2 | yes | | | | | |
| titlecase | | | 2 | yes | | | | | |
| tone mark | | | | yes | | | | | |
| transcoding | | | 1 | yes | | | | | |
| transformation format | | | 2 | yes | | | | | |
| triangulation | | | | yes | | | yes | | |
| UCS | | | 2 | yes | | | | | |
| UCS transformation format | D29 | 3.8 | 2 | | | | yes | | |
| UCS-2 | | | 2 | yes | | | | | |
| UCS-4 | | | 2 | yes | | | | | |
| umlaut | | | | yes | | | | | |
| unassigned | | | 1 | yes | | | | | |
| underfull | | UAX14 | 2 | | | | | | |
| unicameral | | | | yes | | | | | |
| Unicode 1.0 character name | | 4.8 | 2 | | | | | | |
| Unicode Character Database | | | 2 | yes | | | | | |
| Unicode scalar value | D28 | 3.7 | 2 | | | yes | | | |
| Unicode sequence identifier | | 0.2 | 1 | yes | | | | | |
| Unicode signature | | | 2 | yes | | | | | |
| Unicode transformation format | D29 | 3.8 | 2 | | | | | | |
| unification | | | 1 | yes | | | | | |
| uppercase | | | 2 | yes | | | | | |
| URO | | | 2 | yes | | | | | |
| USI | | 0.2 | 1 | | | | yes | | |
| UTF | D29 | 3.8 | 2 | yes | | | yes | | |
| UTF-16 | D35 | 3.8 | 2 | yes | yes | yes | | | |
| UTF-16BE | D33 | 3.8 | 2 | yes | | | | | |
| UTF-16LE | D34 | 3.8 | 2 | yes | | | | | |
| UTF-2 | | | | yes | | | yes | | |
| UTF-32 | D36b | 3.8 | 2 | | yes | yes | | | |
| UTF-32BE | D36a | 3.8 | 2 | | | | | | |

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| UTF-32LE | D36b | 3.8 | 2 | | | | | | |
| UTF-7 | | | | yes | | | | | |
| UTF-8 | D36 | 3.8 | 2 | yes | | | | | |
| virama | | | | yes | | | | | |
| visual order | | | 2 | yes | | | | | |
| vocalization | | | | yes | | | | | |
| vowel mark | | | | yes | | | | | |
| wchar_t | | | 1 | yes | | | | | |
| weak (directional) type | | 3.12, 4.3 | 2 | | | | | | |
| weak directional character | | 3.12, 4.3 | 2 | | | | | | |
| writing direction | | | 1 | yes | | | | | |
| writing system | | | | yes | | | | | |
| XML | | | | yes | | | | | |
| zenkaku | | | | yes | | | yes | | |
| zero width | | | 1 | yes | | | | | |