General Punctuation

Range: 2000-206F

This file contains an excerpt from the character code tables and list of character names for the Unicode Standard, last updated for *The Unicode Standard, Version 4.0.*

This file may be updated as necessary to reflect errata without notice. For an up-to-date list of errata, see http://www.unicode.org/errata/

Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 4.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this excerpt file, please consult the appropriate sections of The Unicode Standard, Version 4.0 (ISBN 0-321-18578-1), as well as Unicode Standard Annexes #9, #11, #14, #15, #24 and #29, the other Unicode Technical Reports and the Unicode Character Database, which are available on-line.

See http://www.unicode.org/Public/UNIDATA/UCD.html and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.

See http://www.unicode.org/charts/fonts.html for a list.

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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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	200	201	202	203	204	205	206
0	NQ SP 2000	2010	2020	%o	2040	2050	WJ 2060
1	MQ SP 2001	NB 2011	2021	%000 2031	/ 2041	* * 2051	f()
2	EN SP	2012	2022	2032	* **	2052	2062
3	EM SP 2003	2013	2023	2033	2043	2053	2063
4	3/M S P	2014	• 2024	2034	2044	2054	
5	4/M S P		• •	`	E	2034	
6	2005 6/M S P	2015	2025	2035	2045		
7	2006 F SP	2016	2026	2036	2046	<i>IIII</i>	
8	2007 P SP	2017 6	2027	2037	2047	2057	
9	2008 T H	2018 9	2028 P SEP	2038	1?		
Α	2009 H S P	2019	2029	>	7		[-] [s s]
В	ZW SP	201A •	202A	203A	204A		206A [A]
С	200B ZW N J	201B	202B	203B	204B		206B
D	200C	201C	202C	203C	204C		206C A AFS
E	200D	201D	202D	203D	204D *		206D N A D S
F	200E	201E	202E	203E	204E	MM :	206E
	200F	201F	202F	203F	୧ 204F	205F	206F

Spaces			Dashes			
2000	NQ SP	EN QUAD	2010	_	HYPHEN	
		= 2002 SP en space			→ 002D - hyphen-minus	
2001	MQ SP	EM QUAD			→ 00AD soft hyphen	
		= mutton quad	2011	NΒ	NON-BREAKING HYPHEN	
		= 2003 sp em space			→ 002D - hyphen-minus	
2002	EN SP	EN SPACE			→ 00AD siry soft hyphen	
		= nut			\approx <nobreak> 2010 -</nobreak>	
		• half an em	2012	_	FIGURE DASH	
		≈ 0020 sp space	2013	_	EN DASH	
2003	EM SP	EM SPACE	2014	_	EM DASH	
		= mutton			• may be used in pairs to offset parenthetical	
		• nominally, a space equal to the type size in			text	
		points			→ 30FC — katakana-hiragana prolonged	
		 may scale by the condensation factor of a font 	0045		sound mark	
		≈ 0020 sr space	2015		HORIZONTAL BAR	
2004	3/M SP	THREE-PER-EM SPACE			= QUOTATION DASH	
2004	SP	= thick space			 long dash introducing quoted text 	
		≈ 0020 sp space	Gen	era	ll punctuation	
2005	4/M SP	FOUR-PER-EM SPACE	2016	ı	DOUBLE VERTICAL LINE	
;		= mid space		-	• used in pairs to indicate norm of a matrix	
		≈ 0020 sp space			→ 20E6 \$\pi\$ combining double vertical stroke	
2006	6/M SP	SIX-PER-EM SPACE			overlay	
		• in computer typography sometimes			→ 2225 parallel to	
		equated to thin space	2017	_	DOUBLE LOW LINE	
		≈ 0020 sp space		_	 this is a spacing character 	
2007	F SP	FIGURE SPACE			\rightarrow 005F _ low line	
		• space equal to tabular width of a font			→ 0333 <u>combining</u> double low line	
		• this is equivalent to the digit width of fonts			≈ 0020 sp 0333 <u>=</u>	
		with fixed-width digits	2018	4	LEFT SINGLE QUOTATION MARK	
0000 [≈ <nobreak> 0020 [5]</nobreak>			= SINGLE TURNED COMMA	
2008	SP.	PUNCTUATION SPACE			QUOTATION MARK	
		 space equal to narrow punctuation of a font 			• this is the preferred glyph (as opposed to	
		≈ 0020 sr space			201B ') → 0027 ' apostrophe	
2009	T H S P	THIN SPACE			→ 02BB ' modifier letter turned comma	
2000 [SP	• a fifth of an em (or sometimes a sixth)			→ 275B • heavy single turned comma	
		≈ 0020 sp space			quotation mark ornament	
200A	H	HAIR SPACE	2019	,	RIGHT SINGLE QUOTATION MARK	
		• thinner than a thin space			= SINGLE COMMA QUOTATION MARK	
		• in traditional typography, the thinnest			• this is the preferred character to use for	
		space available			apostrophe	
		≈ 0020 sp space			→ 0027 ' apostrophe	
200B [ZW SP	ZERO WIDTH SPACE			→ 02BC' modifier letter apostrophe	
		= ZWSP			→ 275°C • heavy single comma quotation	
		• nominally zero width, but may expand in	0044		mark ornament	
		justification	201A	,	SINGLE LOW-9 QUOTATION MARK	
Form	าลเ	tting characters			= LOW SINGLE COMMA QUOTATION MARK	
200C	ZW	ZERO WIDTH NON-JOINER			• used as opening single quotation mark in	
2000 (1110	= ZWNJ			some languages	
200D	zw	ZERO WIDTH JOINER	201B	•	SINGLE HIGH-REVERSED-9	
[ليتي	= ZWJ			QUOTATION MARK	
200E	LRM	LEFT-TO-RIGHT MARK			= SINGLE REVERSED COMMA	
– .		= LRM			QUOTATION MARK	
200F	RLM	RIGHT-TO-LEFT MARK			• glyph variant of 2018 '	
		= RLM			→ 02BD 'modifier letter reversed comma	

201C "		LEFT DOUBLE QUOTATION MARK = DOUBLE TURNED COMMA	Formatting characters			
		QUOTATION MARK	2028	SEP	LINE SEPARATOR	
		• this is the preferred glyph (as opposed to 201F ")			 may be used to represent this semantic unambiguously 	
		→ 0022 " quotation mark	2029	P SEP	PARAGRAPH SEPARATOR	
		→ 275D •• heavy double turned comma			 may be used to represent this semantic unambiguously 	
		quotation mark ornament → 301D " reversed double prime quotation	202A	LRE	LEFT-TO-RIGHT EMBEDDING = LRE	
201D	,,	mark RIGHT DOUBLE QUOTATION MARK	202B	RLE	RIGHT-TO-LEFT EMBEDDING = RLE	
		= DOUBLE COMMA QUOTATION MARK	202C	PDF	POP DIRECTIONAL FORMATTING = PDF	
		→ 0022 " quotation mark	3030	[[]]		
		→ 2033 ″ double prime	202D	LRO	LEFT-TO-RIGHT OVERRIDE	
		→ 275E • heavy double comma quotation	2025	r1	= LRO	
		mark ornament	202E	RLO	RIGHT-TO-LEFT OVERRIDE = RLO	
0045		→ 301E " double prime quotation mark	2025	'NND'		
201E	,,	DOUBLE LOW-9 QUOTATION MARK	202F	NNB SP	NARROW NO-BREAK SPACE = NNBSP	
		= LOW DOUBLE COMMA QUOTATION MARK			→ 00A0 sp no-break space	
		• used as opening double quotation mark in			≈ <nobreak> 0020 sp</nobreak>	
		some languages			~ TIODICAR> 0020 [w]	
		→ 301F " low double prime quotation	Ger	nera	ll punctuation	
		mark	2030	% o	PER MILLE SIGN	
201F	••	DOUBLE HIGH-REVERSED-9			= permille, per thousand	
		QUOTATION MARK			• used, for example, in measures of blood	
		= DOUBLE REVERSED COMMA			alcohol content, salinity, etc.	
		QUOTATION MARK			→ 0025 % percent sign	
0000		• glyph variant of 201C "	2031	%co	PER TEN THOUSAND SIGN	
2020	†	DAGGER			= permyriad	
2024		= obelisk, obelus, long cross			• percent of a percent, rarely used	
2021	‡	DOUBLE DAGGER = diesis, double obelisk	0000		→ 0025 % percent sign	
2022		BULLET	2032	,	PRIME	
2022	•	= black small circle			= minutes, feet → 0027 ' apostrophe	
		→ 00B7 • middle dot			→ 00B4 ′ acute accent	
		→ 2024 . one dot leader			→ 02B9 ′ modifier letter prime	
		→ 2219 • bullet operator	2033	"	DOUBLE PRIME	
		→ 25D8 I inverse bullet	2000		= seconds, inches	
		→ 25E6 ∘ white bullet			→ 0022 " quotation mark	
2023	•	TRIANGULAR BULLET			→ 02BA " modifier letter double prime	
		→ 220E ■ end of proof			→ 201D " right double quotation mark	
		→ 25B8 ► black right-pointing small triangle			→ 3003 " ditto mark	
2024		ONE DOT LEADER			\rightarrow 301E " double prime quotation mark	
		→ 00B7 • middle dot			≈ 2032 ′ 2032 ′	
		\rightarrow 2022 • bullet	2034	<i>m</i>	TRIPLE PRIME	
		→ 2219 • bullet operator			= lines (old measure, 1/12 of an inch)	
		≈ 002E . full stop	0005		≈ 2032 ′ 2032 ′ 2032 ′	
2025	••	TWO DOT LEADER	2035	`	REVERSED PRIME	
0000		≈ 002E . 002E .	2022		→ 0060 ` grave accent	
2026	•••		2036	"	REVERSED DOUBLE PRIME	
		= three dot leader			→ 301D " reversed double prime quotation mark	
		→ 22EE : vertical ellipsis ≈ 002E . 002E . 002E .			mark ≈ 2035 \ 2035 \	
2027		≈ 002E : 002E : HYPHENATION POINT	2037	***	REVERSED TRIPLE PRIME	
2021	•	TITTENATION FOUNT	2001		≈ 2035 \ 2035 \ 2035 \	
			2038		CARET	
			_000	^	→ 2303 ^ up arrowhead	
					wp with the same	

2039	<	SINGLE LEFT-POINTING ANGLE	Gen	era	al punctuation
		QUOTATION MARK	204A	7	TIRONIAN SIGN ET
		= LEFT POINTING SINGLE	204A	7	• Irish Gaelic,
		GUILLEMET	204B	П	REVERSED PILCROW SIGN
		• usually opening, sometimes closing	ZU4D	P	→ 00B6 ¶ pilcrow sign
		→ 003C < less-than sign	204C	•	BLACK LEFTWARDS BULLET
		→ 2329 〈 left-pointing angle bracket			
0001		→ 3008 〈 left angle bracket	204D		BELIGIT HOLLI WILLES BOLLET
203A	>	SINGLE RIGHT-POINTING ANGLE	204E	*	LOW ASTERISK
		QUOTATION MARK	204F		→ 002A * asterisk
		= RIGHT POINTING SINGLE GUILLEMET	ZU4F	;	REVERSED SEMICOLON → 003B; semicolon
		• usually closing, sometimes opening	2050	С	CLOSE UP
		→ 003E > greater-than sign	2000	$\overline{}$	
		→ 232A > right-pointing angle bracket	2051	*	• editing mark
		→ 3009 > right angle bracket	2001	*	TWO ASTERISKS ALIGNED VERTICALLY
203B	*	REFERENCE MARK	2052	%	COMMERCIAL MINUS SIGN
2000	<i>^</i> ~\	= Japanese kome	2002	/•	= abzüglich (German), med avdrag av
		= Urdu paragraph separator			(Swedish), piska (Swedish, "whip")
		→ 0FBF * tibetan ku ru kha bzhi mig can			• a common glyph variant and fallback
203C	!!	DOUBLE EXCLAMATION MARK			representation looks like ./.
	•	→ 0021! exclamation mark			• may also be used as a dingbat to indicate
		≈ 0021 ! 0021 !			correctness
203D	?	INTERROBANG			• used in Finno-Ugric Phonetic Alphabet to
		→ 0021! exclamation mark			indicate a related borrowed form with
		→ 003F ? question mark			different sound
203E	-	OVERLINE			→ 0025 % percent sign → 066A % arabic percent sign
		= SPACING OVERSCORE	2053		· · ·
		≈ 0020 sp 0305 ¯		~	5 (1 61 6 51 611
203F		UNDERTIE	2054	$\widehat{\omega}$	INVERTED UNDERTIE
		= Greek enotikon	2055		<reserved></reserved>
		\rightarrow 2323 \sim smile	2056		<re><reserved></reserved></re>
2040		CHARACTER TIE	2057	<i>////</i>	QUADRUPLE PRIME
		= z notation sequence concatenation			≈ 2032 ′ 2032 ′ 2032 ′ 2032 ′
		→ 2322 ~ frown	Spa	се	
2041	1	CARET INSERTION POINT	205F		MEDIUM MATHEMATICAL SPACE
		• proofreader's mark: insert here	2001	SP	= MMSP
		→ 22CC × right semidirect product			• four-eighteenths of an em
2042	*	ASTERISM			≈ 0020 [sp] space
2043	-	HYPHEN BULLET	_		•
2044	/	FRACTION SLASH	For	mat	tting character
		= solidus (in typography)	2060	WJ	WORD JOINER
		• for composing arbitrary fractions			= WJ
		→ 002F / solidus			• a zero width non-breaking space (only)
2045	г	→ 2215 / division slash			• intended for disambiguation of functions
2045	ŀ	LEFT SQUARE BRACKET WITH QUILL			for byte order mark
2046	}	RIGHT SQUARE BRACKET WITH			→ FEFF zero width no-break space
QUILL			Invi	sib	le operators
Dou	ble	punctuation for vertical text			FUNCTION APPLICATION
2047	99	DOUBLE OUESTION MARK	2001	$\Omega \Omega$	a contiguity operator indicating application

2047 ?? DOUBLE QUESTION MARK $\approx 003F$? 003F ?

2048 ?! QUESTION EXCLAMATION MARK ≈ 003F ? 0021!

2049 !? EXCLAMATION QUESTION MARK \approx 0021 ! 003F ?

• contiguity operator indicating application of a function

2062 X INVISIBLE TIMES

• contiguity operator indicating multiplication

2063 J INVISIBLE SEPARATOR

- = invisible comma
- contiguity operator indicating that adjacent mathematical symbols form a list, e.g. when no visible comma is used between multiple indices

Deprecated

206A [s's]	INHIBIT SYMMETRIC SWAPPING
206B 🔝	ACTIVATE SYMMETRIC SWAPPING
206C AFS	INHIBIT ARABIC FORM SHAPING
206D AAS	ACTIVATE ARABIC FORM SHAPING
206E [88]	NATIONAL DIGIT SHAPES
206F NS	NOMINAL DIGIT SHAPES