# **Supplemental Arrows-A**

Range: 27F0-27FF

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard. Version 9.0* 

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts. See http://www.unicode.org/charts/PDF/Unicode-9.0/ for charts showing only the characters added in Unicode 9.0. See http://www.unicode.org/Public/9.0.0/charts/ for a complete archived file of character code charts for Unicode 9.0.

### Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 9.0 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 file, please consult the appropriate sections of The Unicode Standard, Version 9.0, online at http://www.unicode.org/versions/Unicode9.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, and #45, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

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

#### **Fonts**

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

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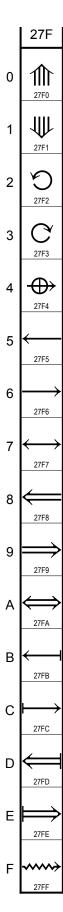
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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.

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#### Arrows

27F0 **UPWARDS QUADRUPLE ARROW** 1 → 290A 🏗 upwards triple arrow → 2B45 € leftwards quadruple arrow 27F1 **₩** DOWNWARDS QUADRUPLE ARROW → 290B ₩ downwards triple arrow 27F2 O ANTICLOCKWISE GAPPED CIRCLE ARROW → 21BA 🐧 anticlockwise open circle arrow → 2940 👌 anticlockwise closed circle arrow 27F3 C CLOCKWISE GAPPED CIRCLE ARROW → 21BB ひ clockwise open circle arrow → 2941 🖒 clockwise closed circle arrow 27F4 → RIGHT ARROW WITH CIRCLED PLUS → 2B32 left arrow with circled plus

### Long arrows

The long arrows are used for mapping whereas the short forms would be used in limits. They are also needed for MathML to complete mapping to the AMSA sets.

27F5 ← LONG LEFTWARDS ARROW → 2190 ← leftwards arrow 27F6 --> LONG RIGHTWARDS ARROW  $\rightarrow$  2192  $\rightarrow$  rightwards arrow 27F7 ←→ LONG LEFT RIGHT ARROW  $\rightarrow$  2194  $\leftrightarrow$  left right arrow 27F8 ← LONG LEFTWARDS DOUBLE ARROW → 21D0 ← leftwards double arrow 27F9  $\implies$  LONG RIGHTWARDS DOUBLE ARROW → 21D2 ⇒ rightwards double arrow 27FA ←⇒ LONG LEFT RIGHT DOUBLE ARROW → 21D4 ⇔ left right double arrow 27FB ← LONG LEFTWARDS ARROW FROM BAR = maps from → 21A4 ← leftwards arrow from bar 27FC → LONG RIGHTWARDS ARROW FROM BAR = maps to → 21A6 → rightwards arrow from bar → 2906 ← leftwards double arrow from bar 27FE ⇒ LONG RIGHTWARDS DOUBLE ARROW FROM → 2907 ⇒ rightwards double arrow from bar 27FF ----- LONG RIGHTWARDS SQUIGGLE ARROW → 21DD → rightwards squiggle arrow → 2B33 \* long leftwards squiggle arrow