## Supplemental Arrows-A <br> Range: 27F0-27FF

This file contains an excerpt from the character code tables and list of character names for The Unicode Standard, Version 5.0.

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/erratai 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-5.0/ for charts showing only the characters added in Unicode 5.0.
See http://www.unicode.org/Public/5.0.0/charts/ for a complete archived file of character code charts for Unicode 5.0.

## Disclaimer

These charts are provided as the on-line reference to the character contents of the Unicode Standard, Version 5.0 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 5.0 (ISBN 0-321-48091-0), online at http://www.unicode.org/versions/Unicode5.0.0/, as well as Unicode Standard Annexes \#9, \#11, \#14, \#15, \#24, \#29, \#31, and \#34, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available on-line.

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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See http://www.unicode.org/pending/pending.html and http://www.unicode.org/alloc/Pipeline.html.
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| A |  |  |
| :---: | :---: | :---: |
| 27F0 | 价 | UPWARDS QUADRUPLE ARROW <br> $\rightarrow 290 \mathrm{~A}$ ึI upwards triple arrow |
| 27F1 | [1] | DOWNWARDS QUADRUPLE ARROW <br> $\rightarrow$ 290B $\Downarrow$ downwards triple arrow |
| 27F2 | $\bigcirc$ | ANTICLOCKWISE GAPPED CIRCLE ARROW <br> $\rightarrow 21 \mathrm{BA} \cup$ anticlockwise open circle arrow <br> $\rightarrow 2940$ O anticlockwise closed circle arrow |
| 27F3 | O | CLOCKWISE GAPPED CIRCLE ARROW <br> $\rightarrow 21 \mathrm{BB} \cup$ clockwise open circle arrow <br> $\rightarrow 2941$ O clockwise closed circle arrow |
| 27F4 | + | RIGHT 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 $\longleftarrow$ LONG LEFTWARDS ARROW $\rightarrow 2190 \leftarrow$ leftwards arrow
27F6 $\longrightarrow$ LONG RIGHTWARDS ARROW $\rightarrow 2192 \rightarrow$ rightwards arrow
27F7 $\longleftrightarrow$ LONG LEFT RIGHT ARROW $\rightarrow 2194 \leftrightarrow$ left right arrow
27F8 $\Longleftarrow$ LONG LEFTWARDS DOUBLE ARROW $\rightarrow 21 \mathrm{D} 0=$ leftwards double arrow
27F9 $\Longrightarrow$ LONG RIGHTWARDS DOUBLE ARROW $\rightarrow 21 \mathrm{D} 2 \Rightarrow$ rightwards double arrow
27FA $\Longleftrightarrow$ LONG LEFT RIGHT DOUBLE ARROW $\rightarrow$ 21D4 $\Leftrightarrow$ left right double arrow
$27 \mathrm{FB} \longleftrightarrow$ LONG LEFTWARDS ARROW FROM BAR $=$ maps from
$\rightarrow 21 \mathrm{~A} 4 \mapsto$ leftwards arrow from bar
$27 \mathrm{FC} \longmapsto$ LONG RIGHTWARDS ARROW FROM BAR $=$ maps to
$\rightarrow 21 \mathrm{~A} 6 \mapsto$ rightwards arrow from bar
27FD $\Longleftarrow$ LONG LEFTWARDS DOUBLE ARROW FROM BAR
$\rightarrow 2906 \Leftrightarrow$ leftwards double arrow from bar
27FE $\Longleftrightarrow$ LONG RIGHTWARDS DOUBLE ARROW FROM BAR
$\rightarrow 2907 \Leftrightarrow$ rightwards double arrow from bar
27FF mm LONG RIGHTWARDS SQUIGGLE ARROW $\rightarrow 21 \mathrm{DD}{ }^{m}$ rightwards squiggle arrow

