Annapurna SIL - Version History

08 November 2023 (SIL WSTech team) Annapurna SIL version 2.000

Note that this is a major upgrade that may cause document reflow as some glyphs widths have changed and linespacing has been adjusted.

- First release that uses a UFO-based design and production workflow

  - All sources are in open formats
  - Build toolkit and workflow is completely open-source
  - See https://silnrsi.github.io/silfontdev/en-US/Introduction.html
- Web fonts are provided in both WOFF and WOFF2 formats

- Added Devanagari characters:

  - U+A8FC DEVANAGARI SIGN SIDDHAM
  - U+A8FD DEVANAGARI JAIN OM
  - U+A8FE DEVANAGARI LETTER AY
  - U+A8FF DEVANAGARI VOWEL SIGN AY
- Added recommended characters (Latin, punctuation, other) for non-Latin fonts:

  - U+02C7 caron
  - U+02D8 breve
  - U+02D9 dotaccent
  - U+02DA ring
  - U+02DB ogonek
  - U+02DD hungarumlaut
  - U+0306 brevecomb
  - U+034F graphemejoinercomb
  - U+03C0 pi
  - U+2000 enquad
  - U+2001 emquad
  - U+2002 enspace
  - U+2003 emspace
  - U+2004 threeperemspace
  - U+2005 fourperemspace
  - U+2006 sixperemspace
  - U+2007 figurespace
  - U+2008 punctuationspace
  - U+200A hairspace
  - U+2010 hyphentwo
  - U+2011 nonbreakinghyphen
  - U+2012 figuredash
  - U+2015 horizontalbar
  - U+2027 hyphenationpoint
  - U+2028 lineseparator
  - U+2029 paragraphseparator
  - U+2060 wordjoiner
  - U+2126 Omega, Ohm
  - U+2202 partialdiff
  - U+2206 Delta
  - U+220F product
  - U+2211 summation
  - U+2215 divisionslash
  - U+2219 bulletoperator
  - U+221A radical

- ◦ U+221E infinity
- ◦ U+222B integral
- ◦ U+2248 approxequal
- ◦ U+2260 notequal
- ◦ U+2264 lessequal
- ◦ U+2265 greaterequal
- ◦ U+2423 blank
- ◦ U+25CA lozenge
- ◦ U+FB01 fi
- ◦ U+FB02 fl
- ◦ U+FE00 VS1
- ◦ U+FE01 VS2
- ◦ U+FE02 VS3
- ◦ U+FE03 VS4
- ◦ U+FE04 VS5
- ◦ U+FE05 VS6
- ◦ U+FE06 VS7
- ◦ U+FE07 VS8
- ◦ U+FE08 VS9
- ◦ U+FE09 VS10
- ◦ U+FE0A VS11
- ◦ U+FE0B VS12
- ◦ U+FE0C VS13
- ◦ U+FE0D VS14
- ◦ U+FE0E VS15
- ◦ U+FE0F VS16
- ◦ U+FEFF zeroWidthNoBreakSpace
- ◦ U+FFFC objectReplacementCharacter
- ◦ U+FFFD replacementCharacter
- • Added variant glyphs:

  - ◦ DEVANAGARI CHA variants
    - ■ Full Cha with tail
    - ■ Half Cha with no stem or halant
  - ◦ DEVANAGARI HEADSTROKE variants
    - ■ Discrete (to show the number of missing characters)
    - ■ Narrow (for use in typography)
    - ■ Filler (zero advance width for use in typography)
  - ◦ DEVANAGARI JAIN OM variant (extended headstroke)
- • Added Stylistic Set features:

  - ◦ ss16 uses ligature forms for ra + ukar (or uukar) with nukta
  - ◦ ss17 for full Cha with tail, half Cha with no stem or halant
- • Added Character Variant features:

  - ◦ cv21 for headstroke variants discrete, narrow and filler
  - ◦ ss22 for Jain Om variants with extended headstroke
  - ◦ Graphite only: added features cv01-cv17 to correspond to OpenType ss01-ss17
- • Width of typographic spaces have been made more consistent to reflect common publishing industry usage. Note that this may affect line and page lengths. Affected spaces:

  - ◦ U+2003 EN SPACE
  - ◦ U+2004 THREE-PER-EM SPACE
  - ◦ U+2005 FOUR-PER-EM SPACE
  - ◦ U+2006 SIX-PER-EM SPACE
  - ◦ U+2009 THIN SPACE
  - ◦ U+200A HAIR SPACE
  - ◦ U+202F NARROW NO-BREAK SPACE
- • Fixed OpenType rendering of double Nga stack with open-Ya to match Graphite

- Fixed OpenType rendering of nukta forms of stemless characters with open-Ya to match Graphite

- Added Graphite rules to reorder ikar before full vowel and possible cons or half-cons

- Fixed Ra+ukar collision with preceding ukar

- Fixed ikar-anusvara collision on conjuncts

- Fixed misoriented contours and duplicated knots

- Added UFO key and value data to set head table flag bits 0 and 1

- Revised content and format of the documentation

22 February 2019 (SIL WSTech team) Annapurna SIL version 1.204 - Reworked Graphite code to remove duplicates from substitution input classes. - Fixed Graphite bug involving alternate renderings of the half forms of ya. Fixed default rendering of dya.

08 December 2017 (SIL NRSI team) Annapurna SIL version 1.203 - Matched OpenType with Graphite rendering where "ra halant ra halant" renders as "reph over ra-halant" instead of "eyelash ra" with reph over following cons. - Fixed Graphite bugs in reph position chaining rules - Fixed Graphite bug involving ta+ta conjunct half-form

10 February 2017 (SIL NRSI team) Annapurna SIL version 1.202 - Fixed Graphite where reph was skipping the aakar after the ya - Used TTFautohint for hinting which solved disappearing candrabindu in Bold

01 August 2016 (SIL NRSI team) Annapurna SIL version 1.201 - Fixed Graphite (reordering) issue when reph and ikar are in a cluster - Fixed Graphite issue related to TypeTuner fonts

15 January 2015 (SIL NRSI team) Annapurna SIL version 1.200 - Added glyph U+0978 from the Devanagari block - Added half forms of all the consonant-rakar conjuncts - Fixed a near collision between Ha-Nukta and the uukar - Fixed many collisions of ekar/aikar over ra with a preceding upper mark - Hinting was done to enhance the on-screen rendering in Windows and Linux

25 October 2012 (SIL NRSI team) Annapurna SIL version 1.100 - Added glyphs (with OpenType and Graphite support) from the Devanagari block *0900, 093A..093B, 094E..094F, 0955..0957, 0973..0977, 0979..097A* - *Added glyphs from the Devanagari Extended block* A8E0..A8FB - Added glyphs from the North Indic Number Forms block *A830..A839 - U+dot (and UU+dot) is now attached under the Ra instead of the ligature version - Graphite feature IDs are now all four-character tags per CSS requirements - Minor bug fixes

12 July 2011 (SIL NRSI team) Annapurna SIL version 1.001 - Added ligature glyphs and smart code support for minority languages * 0930 with 0941 and 093C * 0931 with 0941 * 0931 with 0941 and 093C * 0930 with 0942 and 093C * 0931 with 0942 * 0931 with 0942 and 093C - Fixed design bug in Bold font. The long I with nasal dot had a missing dot - Minor tweaks by adjusting attachment points and hinting parameters - Numerous bug fixes in Graphite

31 Dec 2010 (SIL NRSI team) Annapurna SIL version 1.000 - First version released under the SIL Open Font License