## Scheherazade New - Special rules for rendering Allah

In certain types of literature, the name *Allah* and words related to this name are given unique rendering. Unicode has a *presentation form* character (U+FDF2 ARABIC LIGATURE ALLAH ISOLATED FORM) that implements this rendering and, while this can work (in some fonts) for the word in isolation, it doesn't help users obtain special rendering in other contexts where it is desired.

Starting with v3.300, Scheherazade New provides the special rendering for sequences of Arabic letters that meet specific patterns, giving much more flexibility to document authors.

- The special Unicode character U+FDF2 will always display the Allah ligature (equivalent to the sequence recommended by Unicode: isolate alef + lam + lam + shadda + superscript-alef + final heh).
- Under certain conditions, a sequence of *lam* + *lam* + *heh* (optionally preceded by other characters) will form an Allah ligature:
  - The *heh* must be final form and may be either the standard *heh* (0647) or the *heh-goal* (06C1) and may have marks.
  - The lam must be the standard lam (0644).
  - The sequence must include either a preceding isolate *alef* or a *shadda* (0651) on the second *lam*, or both.
  - If alef precedes the first lam:
    - The alef may have marks or be a related character such as alef-hamza, alef-hamza-below, alef-madda, or alef-wasla (any character in the ALEF joining group).
    - If it is an isolate *alef* but there are no marks on the second *lam*, a *shadda-superscript-alef* will be automatically displayed.
  - The first lam may include a kasra, but no other marks.
  - The shadda may be followed or preceded by either a superscript-alef (0670) or a fatha (064E). If neither is present, then a superscript-alef will be added to the display.

To disable the special ligature, insert a zero-width joiner character (200D) somewhere in the sequence.

| Characters            | <b>→</b>      | Glyph   | Comment                     |
|-----------------------|---------------|---------|-----------------------------|
| 1 + J + J + 0         | $\rightarrow$ | الله    | Ligature is formed (U+0647) |
| 1 + J + J + 0         | $\rightarrow$ | اللہ    | Ligature is formed (U+06C1) |
| Î + J + J + " + 0     | $\rightarrow$ | ٱلله    | Ligature is formed          |
| 1 + J + J + " + ' + 0 | $\rightarrow$ | الله    | Ligature is formed          |
| 1 + J + J + " + ' + 0 | $\rightarrow$ | الله    | Ligature is formed          |
| ٥ + تّ + ل + ل        | $\rightarrow$ | لله     | Ligature is formed          |
| J + ZWJ + J + " + o   | $\rightarrow$ | لله     | Ligature is not formed      |
| J + J + o             | $\rightarrow$ | لله     | Ligature is not formed      |
| J + + J + " + o + °   | $\rightarrow$ | لِلَّهُ | Ligature is formed          |
| 1+J+°+1+J+J+"+0+°     | $\rightarrow$ | الالله  | Ligature is formed          |
| ه + " + ل + ل + ب ب   | $\rightarrow$ | بِلله   | Ligature is formed          |
| ه + ´+ ّ + ل + ل + ف  | $\rightarrow$ | فللّه   | Ligature is formed          |
| ه + ´+ سّ + ل + ل + ف | $\rightarrow$ | فلله    | Ligature is formed          |
| ه + ´+ ل + ل + ف      | $\rightarrow$ | فلله    | Ligature is not formed      |

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