

Harmattan - Rendering the Allah ligature

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+FDFA 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.

Harmattan provides the special rendering for sequences of Arabic letters that meet specific patterns, giving much more flexibility to document authors.

- Under certain conditions, a sequence of lam-lam-heh will form an Allah ligature:
 - The sequence must include either a preceding isolate *alef* or a *shadda* on the second *lam*, or both.
 - If there is an isolate *alef* but no *shadda*, a *shadda-superscript-alef* will be automatically displayed.
 - The *shadda* may be followed or preceded by either a *superscript-alef* diacritic or a *fatha*.
 - The *heh* may be either the standard *heh* (0647) or the *heh-goal* (06C1).
 - The *alef*, if present may have marks. Similar characters such as *alef-hamza*, *alef-hamza-below*, *alef-madda*, and *alef-wasla* will also form the ligature.
 - The first *lam* may include a *kasra*, but no other diacritics.
 - The special Unicode character U+FDFA will always display the Allah ligature.

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

Characters	→	Glyph	Comment
ا + ل + ل + ه	→	الله	Ligature is formed (U+0647)
ا + ل + ل + ه	→	الله	Ligature is formed (U+06C1)
أ + ل + ل + ه	→	الله	Ligature is formed
ا + ل + ل + ه + ّ	→	الله	Ligature is formed
ا + ل + ل + ه + َ	→	الله	Ligature is formed
ل + ل + ه	→	له	Ligature is formed
ل + ZWJ + ل + ه	→	له	Ligature is not formed
ل + ل + ه	→	له	Ligature is not formed
ل + ِ + ل + ه + َ	→	له	Ligature is formed
ا + ل + ه + ا + ل + ل + ه + َ	→	الله	Ligature is formed
ب + ِ + ل + ل + ه	→	بِله	Ligature is formed
ف + ل + ل + ه + َ	→	فله	Ligature is formed
ف + ل + ل + ه + َ	→	فله	Ligature is formed
ف + ل + ل + ه + َ	→	فله	Ligature is not formed