

Case study - Arabic Arial

Arial Arabic:

1- It is have 126 Glyphs

2- Isolated Glyphs are merged with Arabic Basic Glyphs* (two code points)

3- Final Glyphs = Arabic Basic zGlyphs ... (Same Shapes Design)

Except:

alef-arab.fina, alefhamzaabove-arab.fina, alefmaddaabove-arab.fina, alefhamzabelow-arab.fina, tehmarbuta-arab.fina, hah-arab.fina, khah-arab.fina, jeem-arab.fina, ain-arab.fina, ghain-arab.fina, alefmaksura-arab.fina, yeh-arab.fina

4- Medial Glyphs = Initial Glyphs (Same Shapes Design)

Except:

ain-arab.medi, ghain.medi

feh-arab.init and qaf-arab.init (Difference Shapes Design)

5- Lillah Glyphs = allah-arab.isol

6- hamza-arab.isol = hamza-arab

I will apply Arabic Arial techniques (and what is beyond)

the standard will be the **Numbers of Glyphs** we will see three fonts:

1- Arabic1 have 164 glyphs

2- Arabic2 have 126 glyphs (Arabic Arial approach)

3- Arabic3 have 67 glyphs

Outcome of test font is the sam ! as you will see

The question is which approach is better (Arabic1, Arabic2, or Arabic3)?

* see last page

Option 1: Arabic1 Font (total glyphs = 164)...except first two glyphs

It is have four contextual forms:

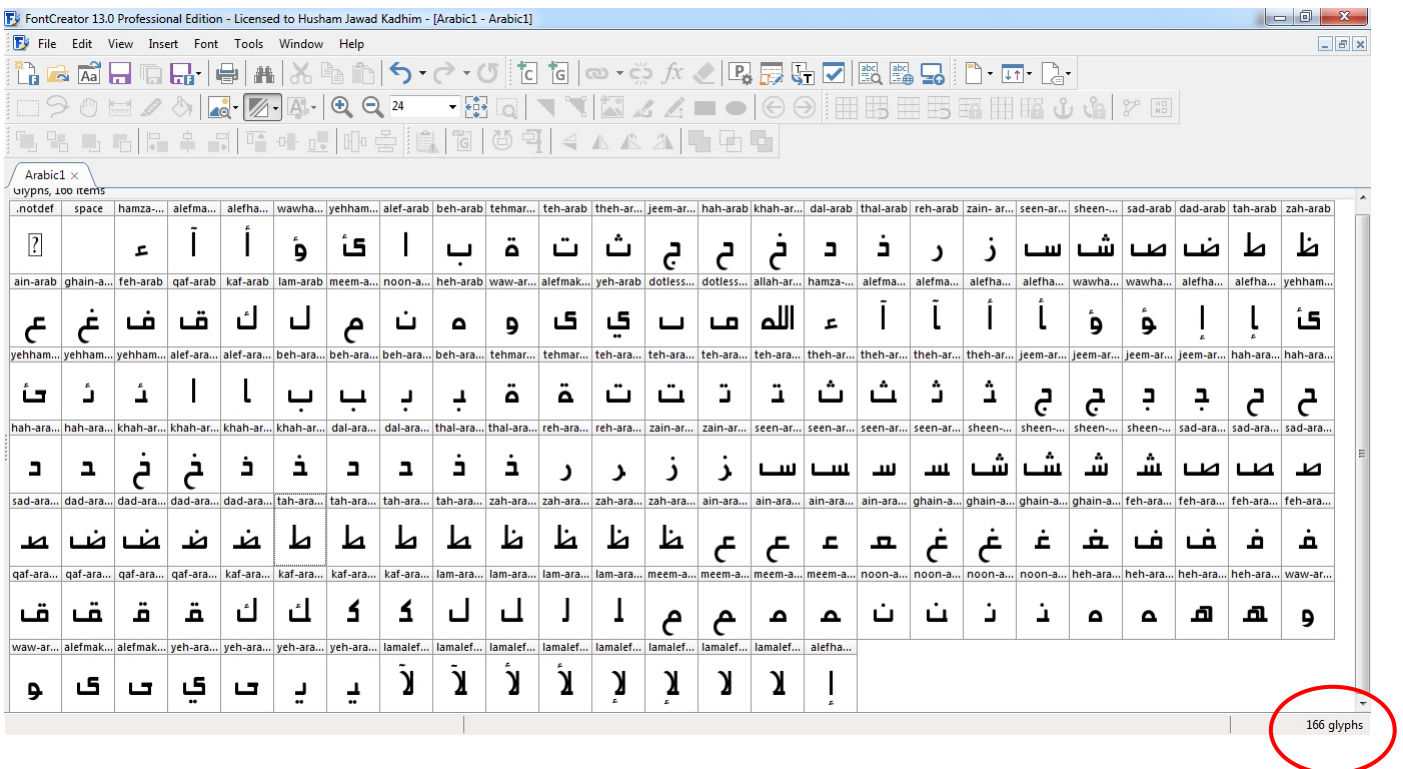
1- Isolated

2- Initial

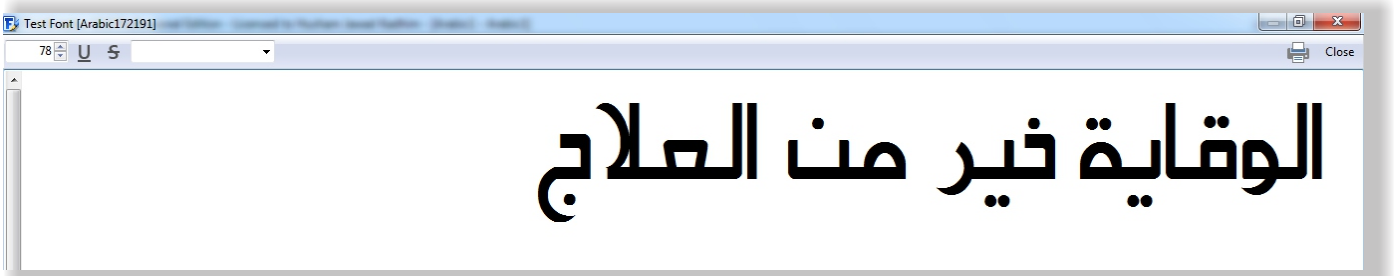
3- Medial

4- Final

in addition to ligatures = 9 glyphs



Outcome



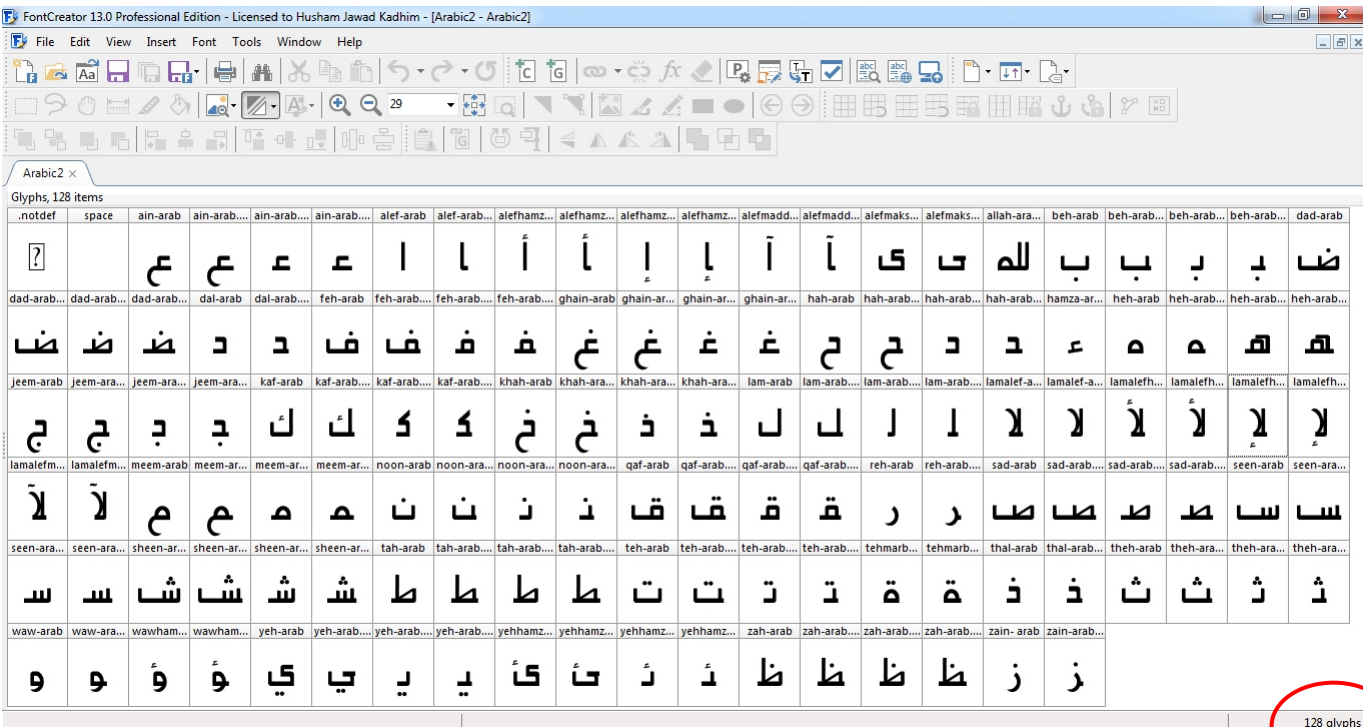
Prevention Is Better Than Cure

Option 2: Arabic2 Font (total glyphs = 126) = Arabic Arial glyphs (126)... except first two glyphs

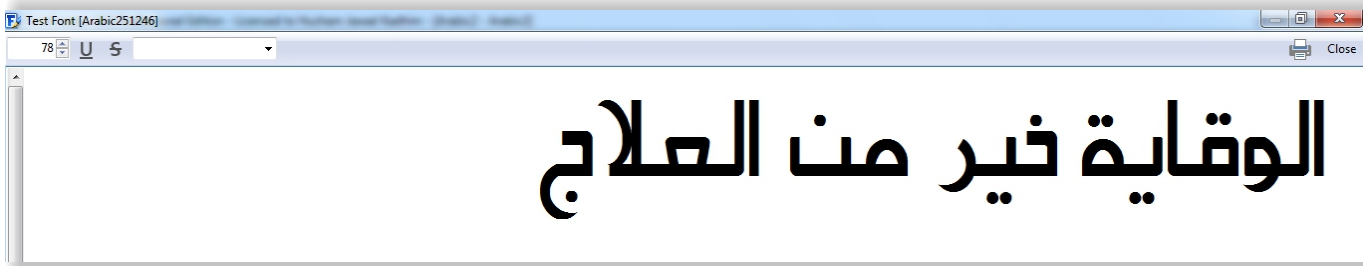
It is have four contextual forms:

- 1- isolated Glyphs merged with Arabic Basic Glyphs (two code points)
- 2- Initial
- 3- Medial
- 4- Final

in addition to ligatures = 9 glyphs



Outcome



Prevention Is Better Than Cure

Option 3: Arabic3 Font (total glyphs = 67)... except first two glyphs

It is have two contextual forms:

1- Final Glyphs = Arabic Basic Glyphs ... (Same Shapes Design)

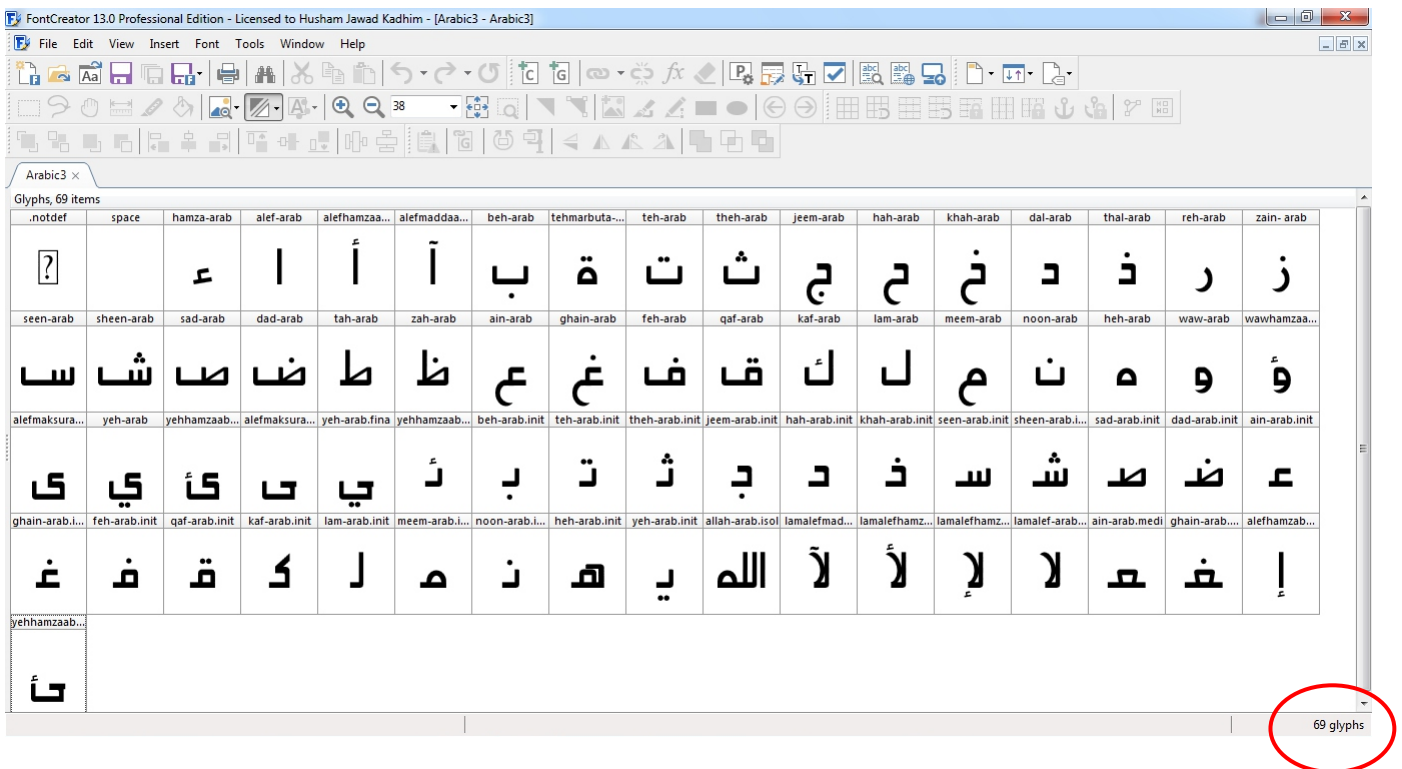
Except: alefmaksura-arab.fina,yehhamzaabove-arab.fina, yeh-arab.fina,

2- Isolated glyphs removed

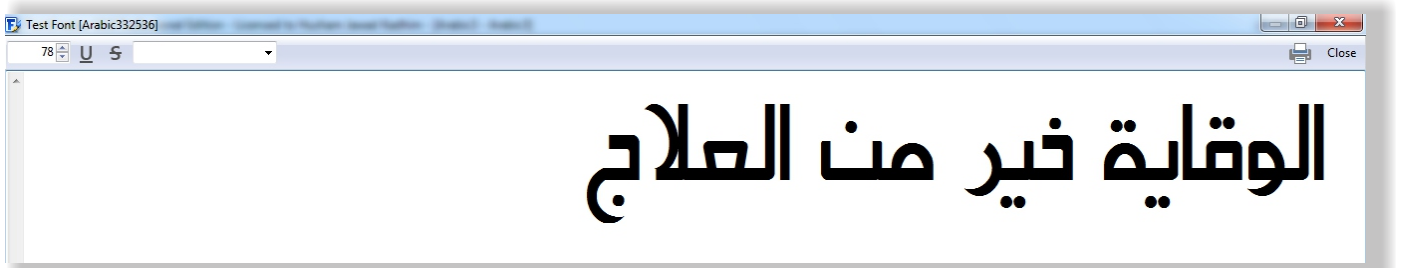
3- Medial = Initial

Except: ain-arab.medi,ghain-arab.medi

in addition to ligatures = 5 glyphs



Outcome



Prevention Is Better Than Cure

*** Basic glyphs are:**

hamza-arab, alefmaddaabove-arab, alefhamzaabove, wawhamzaabove, alefhamzabelow, yehhamzaabove, alef-arab, beh-arab, tehmarbuta-arab, teh-arab, theh-arab, jeem-arab, hah-arab, khah-arab, dal-arab, thal-arab, reh-arab, zain-arab, seen-arab, sheen-arab, sad-arab, dad-arab, tah-arab, zah-arab, ain-arab, ghain-arab, feh-arab, qaf-arab, kaf-arab, lam-arab, meem-arab, noon-arab, heh-arab, waw-arab, alefmaksura-arab, yeh-arab