

# 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:

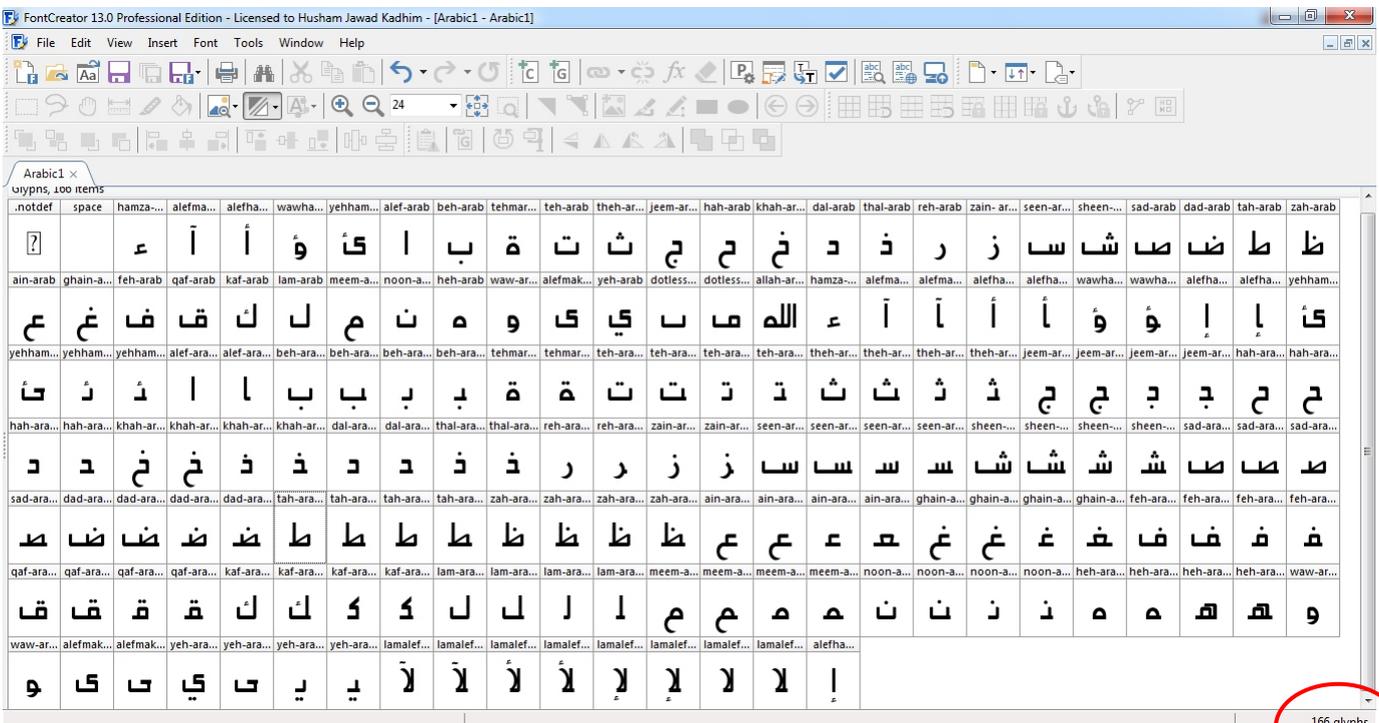
1- Isolated

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

Arabic2 x  
Glyphs, 128 items

code point	ain-arab	ain-arab...	ain-arab...	ain-arab...	ain-arab...	alef-arab	alef-arab...	alefhamz...	alefhamz...	alefhamz...	alefhamz...	alefmadd...	alefmadd...	alefmaks...	alefmaks...	allah-ara...	beh-arab	beh-arab...	beh-arab...	beh-arab...	dad-arab
?	ع	ع	ء	ء	ء	ا	ا	أ	أ	إ	إ	آ	آ	ى	ى	لله	ب	ب	ب	ب	ض
dad-arab...	dad-arab...	dad-arab...	dal-arab	dal-arab...	feh-arab	feh-arab...	feh-arab...	feh-arab...	ghain-arab	ghain-ar...	ghain-ar...	ghain-ar...	hah-arab	hah-arab...	hah-arab...	hah-arab...	hamza-ar...	heh-arab	heh-arab...	heh-arab...	heh-arab...
jeem-arab	jeem-ara...	jeem-ara...	jeem-ara...	kaf-arab	kaf-arab...	kaf-arab...	kaf-arab...	khah-arab	khah-ara...	khah-ara...	khah-ara...	lam-arab	lam-arab...	lam-arab...	lam-arab...	lamalef-a...	lamalef-a...	lamalefh...	lamalefh...	lamalefh...	lamalefh...
lamalefm...	lamalefm...	meem-arab	meem-ar...	meem-ar...	meem-ar...	noon-arab	noon-ara...	noon-ara...	noon-ara...	qaf-arab	qaf-arab...	qaf-arab...	qaf-arab...	reh-arab	reh-arab...	sad-arab	sad-arab...	sad-arab...	sad-arab...	seen-arab	seen-ara...
seen-ara...	seen-ara...	sheen-ar...	sheen-ar...	sheen-ar...	sheen-ar...	tah-arab	tah-arab...	tah-arab...	tah-arab...	teh-arab	teh-arab...	teh-arab...	teh-arab...	tehamarb...	tehamarb...	thal-arab	thal-arab...	theh-arab	theh-ara...	theh-ara...	theh-ara...
waw-arab	waw-ara...	wawham...	wawham...	yeh-arab	yeh-arab...	yeh-arab...	yeh-arab...	yehhamz...	yehhamz...	yehhamz...	yehhamz...	zah-arab	zah-arab...	zah-arab...	zah-arab...	zain-arab	zain-arab...				
	و	و	ؤ	ؤ	ي	ي	ي	ي	ي	ي	ي	ي	ي	ي	ي	ظ	ظ	ظ	ظ	ز	ز

128 glyphs

## Outcome

78 U S

الوقاية خير من العلاج

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)

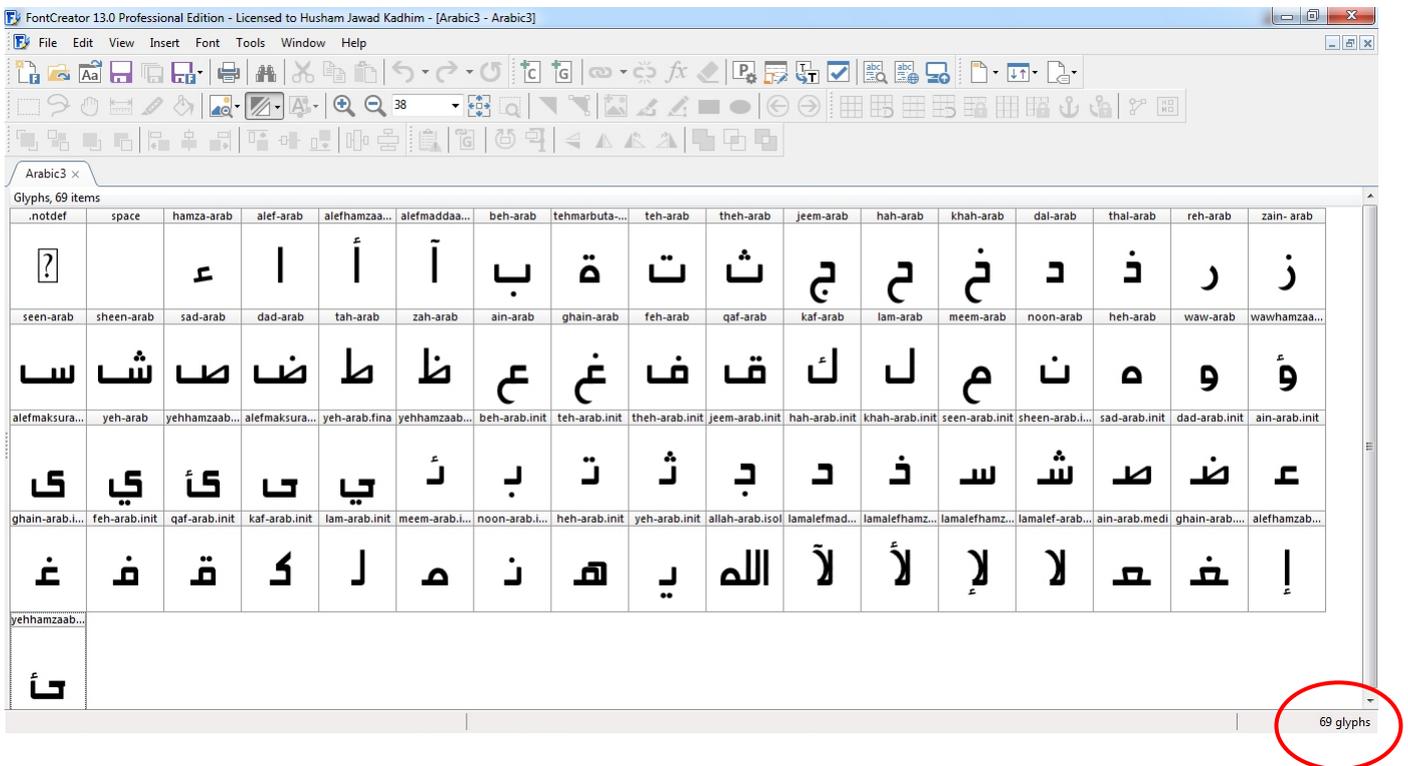
Except: alefmaksura-arab.fina,yehhamzaabove-arab.fina, yeh-arab.fina,

2- Isolated glyphs removed

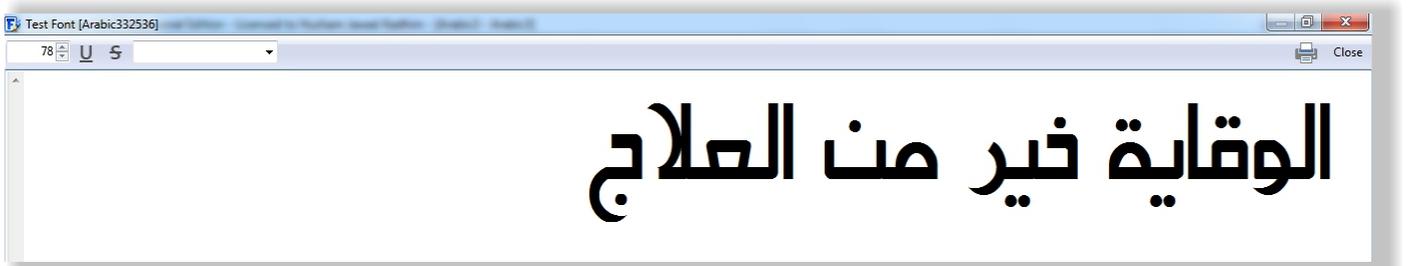
3- Medial = Initial

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