

# Frequently Asked Questions

Many questions can be answered by consulting the following FAQ pages. Here are a few sample questions answered in each FAQ:

- [SIL fonts in general](#)
  - *How can I type...?*
  - *How can I use font features?*
  - *Will you add support for character...?*
  - *Will you add support for script...?*
  - *Will you help me...?*
- [The SIL Open Font License \(OFL-FAQ\)](#)
  - *Can I use this font for...?*
  - *Can I modify the font and then include it in...*
  - *If I use the font on a web page do I have to include an acknowledgement?*
  - The full OFL-FAQ.txt is also included in the font package.

## FAQs for specific fonts

- [Alkalami - FAQ](#)
- [Awami Nastaliq - FAQ](#)
- [Harmattan - FAQ](#)
- [Lateef - FAQ](#)
- [Ruwwudu - FAQ](#)
- [Scheherazade - FAQ](#)

## Generic FAQs for all the Arabic script fonts

### Using the fonts

***I am using a TypeTuned font that I would like to use on my web site. Can you provide a TypeTuned WOFF font for me?***

The great thing about web fonts is that you can use our standard normal fonts and let the CSS on your page handle the special alternate glyphs or behaviors that you are looking for. See [Using SIL Fonts on Web Pages \(OpenType and Graphite feature support\)](#) for instructions on using font features on web pages.

## General Use

### ***How do I use Arabic script in Microsoft Office?***

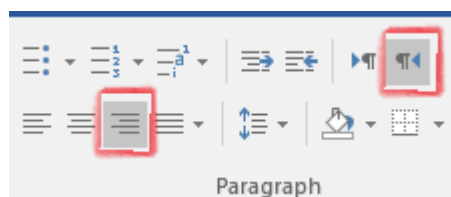
The ability to display right-to-left (RTL) and other complex scripts is built into the standard editions of Microsoft Office since Office 2000.

These instructions are written for Office 2016 on Windows 10. However, similar steps can be taken on older applications and versions of Windows. First, close any Office applications that are open. Next, you must enable an Arabic language in **Microsoft Office 2016 Tools / Office 2016 Language Preferences** (in the Start menu). Click on **Add additional editing languages** and choose one of the Arabic languages. Then click on "Add". The Keyboard Layout will say "Not enabled". If you think you'll need to type in Arabic, now would be a good time to double-click on that and select an Arabic keyboard.

Now you can open Word. If you go to **File / Options / Advanced** you can select **Cursor movement** under **Editing options**. Under **Show document content** you can choose whether you want "Arabic" or "Hindi" numerals, choose to show **Diacritics** in another color if desired, and you can choose to set the **Document view** to Right-to-left. All of these choices affect your whole document. Click on **OK**.

Note for RTL books (e.g., Arabic books, etc.) in Microsoft Word, to get page headers to flow properly from right to left, you need to go to **File / Options / Advanced / Show document content / Document view** and set it to Right-to-left. This option is only available if you have a RTL language installed in Windows. This language can get added to all documents by using the "Microsoft Office Tools" program. Unfortunately, when you set the Right-to-left option in **Options**, this affects every document you open. This means that if you are switching between LTR and RTL books, you will need to change this setting each time you switch to a file with a different format.

It's also possible to just set Paragraph direction for one or more paragraphs in your document. You should now have a Right-to-left and Left-to-right icon selection. To do that, choose the Paragraph marker with triangle pointing left for setting text to be Right-to-left. This should also automatically change the paragraph to "Align Right".



Paragraph direction settings

This will get you a long way toward using Arabic script in Microsoft Office. There are sometimes other issues and if you run into problems, you will likely want to use the document template that we have created and linked to below.

In the link below, a document template provides helpful hints on use of RTL scripts in Microsoft Word 2000 or later. Included are general instructions for getting such scripts to work correctly, known bugs and weaknesses, and various tips and tricks. There are also some macros that may be helpful when working with RTL scripts.

The template is available here: [Right-to-left scripts in Microsoft Office](#).

### ***How do I use Arabic script in InDesign?***

There are several settings you must check in order to have proper rendering in InDesign. First of all, in the Character widget, you should make sure your text is tagged with the **Arabic** language. The **OpenType Contextual Alternates** should be selected and **Kerning** should be set to **Metrics** or "0". The default for **Kerning** seems to be **Optical**, but when that is set there might be tiny spaces between the characters which you do not want. Next, in the Paragraph widget, make sure your text is tagged with the **Adobe World-Ready Paragraph Composer** and possibly set your text to **Align Right**.

You do not need Indesign ME or World Tools to get RTL working properly in Indesign. You can edit the Windows registry and change the Feature Set Locale from 100 to 103 to get most of what you need. First, please backup your registry in case you run into problems. [Instructions for backing up your registry are available here](#). Next, using regedit (type the Windows key, type in regedit and hit enter), go to the InDesign Feature Set Locale Setting.

For 64-bit machines it will look something like this afterwards:

```
HKEY*LOCAL* MACHINE
&#xA0; SOFTWARE
&#xA0;&#xA0; Wow6432Node
&#xA0;&#xA0;&#xA0; Adobe
&#xA0;&#xA0;&#xA0;&#xA0; Indesign
&#xA0;&#xA0;&#xA0;&#xA0;&#xA0; 8.0
&#xA0;&#xA0;&#xA0;&#xA0;&#xA0;&#xA0; Feature Set Locale Setting    REG*DWORD    0X00000103 (259)
```

or it may be directly under software, in which case it might look like this:

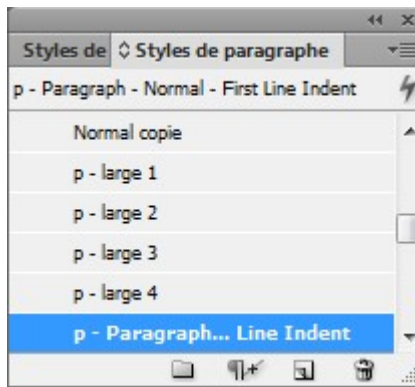
```
HKEY*LOCAL* MACHINE
&#xA0; SOFTWARE
&#xA0;&#xA0; Adobe
&#xA0;&#xA0;&#xA0; Indesign
&#xA0;&#xA0;&#xA0;&#xA0; 11.0
&#xA0;&#xA0;&#xA0;&#xA0; Feature Set Locale Setting    REG*DWORD    0X00000103 (259)
```

A 32-bit machine registry is a little simpler to find and change.

Once you do this, when you open InDesign you will have access to the ME paragraph settings. See below.

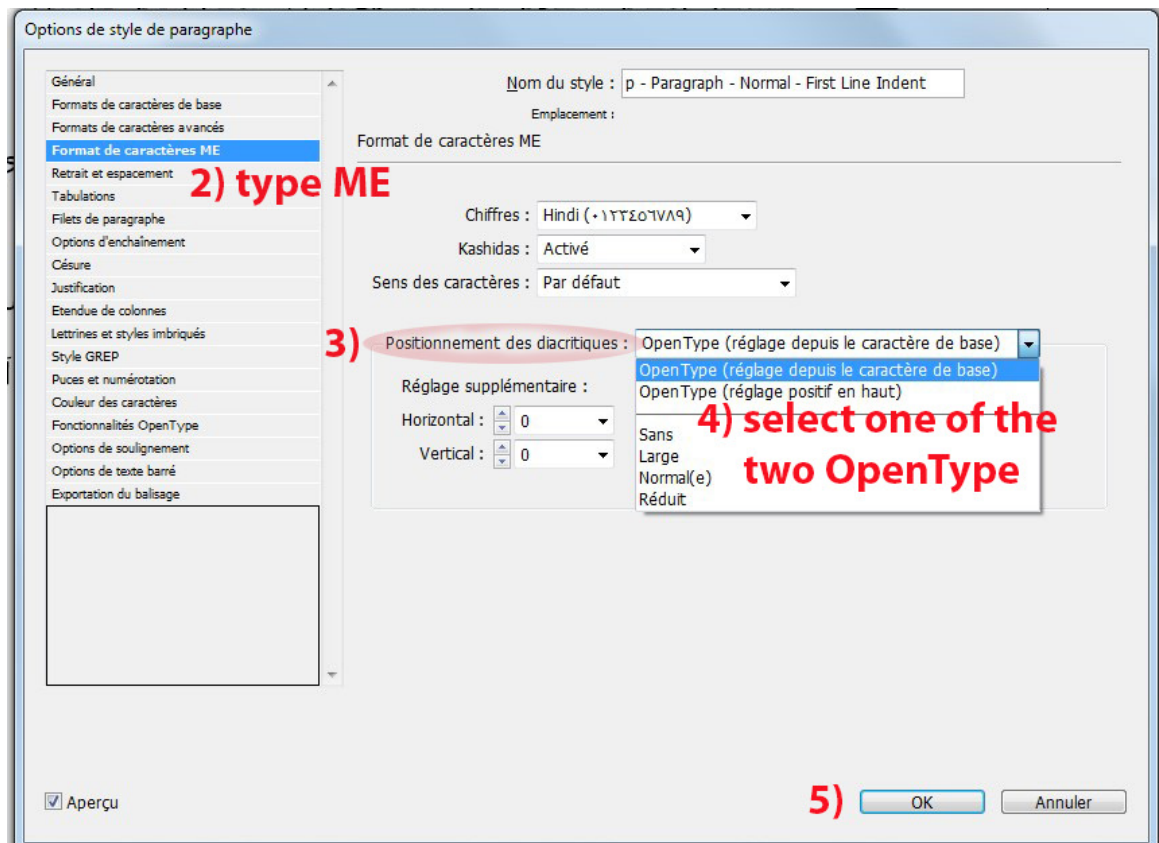
### How do I use Arabic script in InDesign ME?

Some people have run into problems with the combining marks behaving improperly (farther away from the base character than the font design intended, or even above a character when it should be below). In that case, go to the Paragraph Stylesheet:



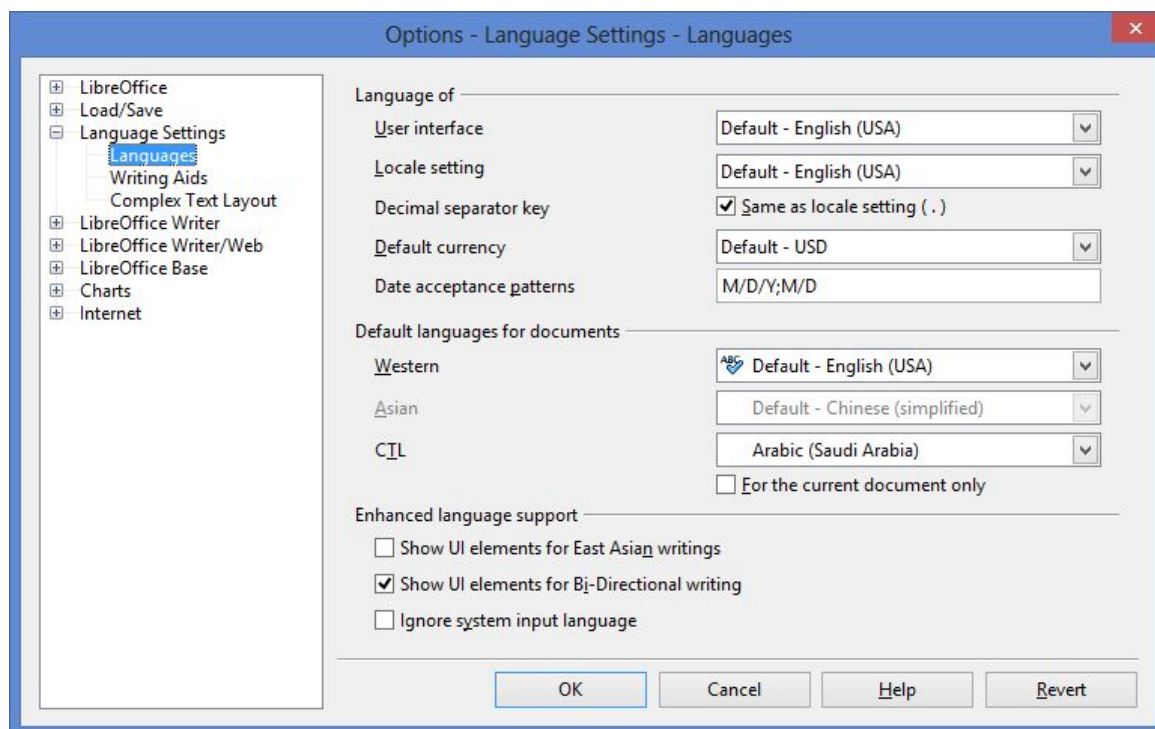
Arabic script in InDesign ME (1)

Select **Paragraph settings**. Make sure that the InDesign ME diacritic positioning is using the OpenType setting.



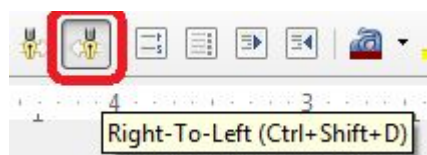
### How do I use Arabic script in LibreOffice?

There are probably many levels to this question. We'll start by getting you set up properly in [LibreOffice](#). First of all you should enable Complex Text Layout (CTL) in LibreOffice. Do this by going to **Tools > Options > Language Settings > Languages**. Then click on **Show UI elements for Bi-Directional writing**. Then go up to CTL and select an Arabic language such as **Arabic (Saudi Arabia)**. Click on **OK**.



Arabic script in LibreOffice

Next, you should go to **View > Toolbars** and make sure **Formatting** is selected. You should now see the Right-to-Left (RTL) button.



Right-to-Left (RTL) button

You may need to restart LibreOffice before these buttons show up. Now, when you have Arabic script text you should make sure to select the text and click on the RTL button. This will ensure that all (or most) of your RTL directionality issues (such as punctuation and numbering) are resolved.

If you wish to input Arabic script text you will also want a keyboard. You can either choose one of the operating system keyboards or if you have a [Keyman keyboard](#) you should associate it with an Arabic script language (such as **Arabic (Saudi Arabia)**). Associating your keyboard with **Arabic (Saudi Arabia)** should make LibreOffice switch to the **Arabic (Saudi Arabia)** language when you select your keyboard.

### *I am experiencing what appears to be corruption of my data in LibreOffice when I use one of your fonts. What is the matter and how do I fix it?*

It is important that you have the latest version of [LibreOffice](#) installed as that fixes some potential bugs.

However, the problem is likely related to how Windows handles font installation. Some of our Scheherazade font testers have experienced this problem. It is likely caused because font testers were installing the font

numerous times in testing. If you go to the Command Prompt and look in your `C:\Windows\Fonts` folder, you may discover that you have various versions of Scheherazade in that folder:

```
Scheherazade-R.ttf  
Scheherazade-R*0.ttf  
Scheherazade-R*1.ttf
```

These various versions of the font will not show up if you just go to your font folder in Windows Explorer, they only show up if you go to the Command Prompt. It is important to get rid of all of these, reboot and then reinstall the latest version of the font. Hopefully that will resolve your problem.

### ***How do I use Arabic script in XeTeX and XeLaTeX?***

For an OpenType font in XeLaTeX, the font declaration would be:

```
\newfontfamily\fontnast[Script=Arabic]{Jameel Noori Nastaleeq}
```

However, if it is a Graphite font, you need a different declaration:

```
\newfontfamily\urdufont[Renderer=Graphite]{Awami Nastaliq}
```

It would also be useful to add `\XeTeXinterwordspaceshaping=1` to your file. Thus, you might have:

```
\XeTeXinterwordspaceshaping=1  
\newfontfamily\urdufont[Renderer=Graphite]{Awami Nastaliq}
```

### ***How do I get signs spanning numbers in Arabic, such as End of Ayah U+06DD , to work properly with digits?***

These characters are intended to enclose or hold one or more digits (including European, Arabic-Indic, and Eastern Arabic-Indic digits). Many applications are able to display these properly, just by typing the spanning signs (such as U+06DD *end of ayah*) before the digit(s). This will not work unless your application is set up to handle complex scripts (discussed in above Question and Answers).

Occasionally some applications may require the following hack:

- precede the entire sequence (spanning sign plus following digits) with
  - 202D LEFT-TO-RIGHT OVERRIDE *or*
  - 202E RIGHT-TO-LEFT OVERRIDE
- follow the entire sequence with U+202C POP DIRECTIONAL FORMATTING.

Exactly which of these might work depends on your application.

The characters and behavior for the signs spanning numbers are listed below:

| Mark                               | Number of digits it works with |
|------------------------------------|--------------------------------|
| U+0600 ARABIC NUMBER SIGN          | 1-3 digits                     |
| U+0601 ARABIC SIGN SANAH           | 1-4 digits                     |
| U+0602 ARABIC FOOTNOTE MARKER      | 1-2 digits                     |
| U+0603 ARABIC SIGN SAFHA           | 1-3 digits                     |
| U+0604 ARABIC SIGN SAMVAT          | 1-4 digits                     |
| U+0605 ARABIC NUMBER MARK ABOVE    | 1-4 digits                     |
| U+06DD ARABIC END OF AYAH          | 1-3 digits                     |
| U+0890 ARABIC POUND MARK ABOVE     | 1-4 digits                     |
| U+0891 ARABIC PIASTRE MARK ABOVE   | 1-4 digits                     |
| U+08E2 ARABIC DISPUTED END OF AYAH | 1-3 digits                     |

See also [Arabic Fonts – Application Support](#). It provides a fairly comprehensive list of applications that make full use of the OpenType and [Graphite](#) font technologies.

### ***How do I get correct display for "Chapter:Verse" references using a regular "Roman" colon?***

In RTL texts a "chapter:verse" reference is often written as "verse:chapter" or "endverse-startverse:chapter". For example:

| Chapter | Verse | LTR rendering: | Desired RTL rendering: |
|---------|-------|----------------|------------------------|
| 1       | 2     | 1:2            | 2:1                    |
| 12      | 34-56 | 12:34-56       | 56-34:12               |

Digits can display in different orders, depending on the punctuation around them.

Consider whether you want:

| LTR Rendering | Codepoints | RTL Rendering                                                                              | Comment  |
|---------------|------------|--------------------------------------------------------------------------------------------|----------|
| a             | 12:34-56   | U+0031, U+0032,<br>U+200F, U+003A,<br>U+0033, U+0034,<br>U+200F, U+002D,<br>U+0035, U+0036 | 56-34:12 |
| b             | 12:34-56   | U+0031, U+0032,<br>U+200F, U+003A,<br>U+0033, U+0034,<br>U+200E, U+002D,<br>U+0035, U+0036 | 34-56:12 |

For option a, the RLM (U+200F RIGHT-TO-LEFT MARK) is inserted before the colon and before the hyphen. For option b, the RLM is inserted before the colon and the LRM (U+200E LEFT-TO-RIGHT MARK) is inserted before the hyphen. Option b is rather unusual, but it is used in some regions.

This was tested in LibreOffice and NotePad. It is important to insert the marks in both positions in order to have consistent behavior across different applications. Unfortunately, Word has its own issues with how it handles this. The [Right-to-left scripts in Microsoft Office](#) template will be useful to read and use for Word documents.

***Some of the characters in the Arabic Supplement block and none of the new characters in the Arabic Extended-A and Arabic Extended-B blocks are rendering correctly. How can I resolve this problem?***

Many of the characters in the **Arabic Supplement** block, and all of the characters in **Arabic Extended-A** and **Arabic Extended-B** were added to Unicode 5.1 or later. It has sometimes taken quite awhile for operating systems and/or applications to support these blocks.

Additionally, support for our fonts may depend on which rendering system is used. Some of our fonts support [Graphite](#) rendering only. Others may support only OpenType rendering and still others support both Graphite and OpenType.

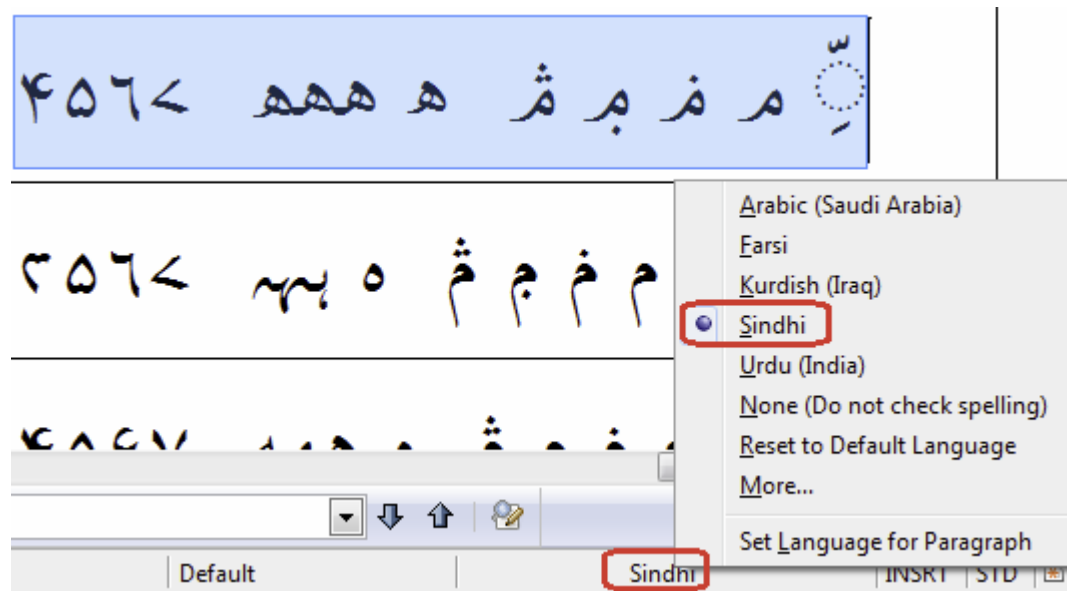
Most of our fonts also support the OpenType shaping features specified by [Microsoft](#). The result is that the fonts work pretty well in Microsoft Office 2010 (or later) as well as in most OpenType-based applications. Versions of Windows prior to Windows 8.1 do not include support for Unicode 6.1 and so do not support the Arabic Extended-A characters (U+08A0..U+08FF), nor a few new characters in the 06xx block. Windows 8.1 supports all Arabic script characters through Unicode 6.1 (including the new [Arabic Extended-A](#) characters). Microsoft Edge, Google Chrome, and Mozilla's [Firefox](#) and [Thunderbird](#) do provide OpenType support for the new Arabic Extended-A characters.

Please see our [Application Support](#) page for a more complete listing of which applications support different levels of Arabic script.

## Feature Selection

### ***How do I use a language feature?***

Many of our fonts support features for different languages. For example, *Scheherazade New* supports Urdu, Kurdish, Kyrgyz, Sindhi, Rohingya, and Wolof. If the application you are using supports the language, then you can select the text, select the appropriate font and then select the language. If you select "Sindhi" then the appropriate glyph variants for Sindhi should display.



Language Selection

### ***How do I use a Graphite feature?***

In a Graphite-enabled app where there is a proper UI: you can select the desired variant from the **Format / Font / Feature** menu (or however the interface is arranged).

In LibreOffice the font features can be turned on by choosing the font (ie Scheherazade), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the "Meem: Sindhi-

style" is desired, the font selection would be "Scheherazade:cv44=1" (see the features document for the specific font). If you wish to apply two (or more) features, you can separate them with an "&". Thus, "Scheherazade:cv44=1&cv72=1" would apply "Meem: Sindhi-style" plus the "Dammatan:Six-nine" feature.

### ***How do I use a feature in XeTeX?***

The XeTeX typesetting system supports language features, OpenType Stylistic Sets and Character Variants as well as Graphite features.

Include "feature=setting" pairs in the font specification within the source document or stylesheet; e.g., `fontbodytext="Scheherazade New/GR:Meem=Sindhi-style on baseline" at 12pt` (for Graphite), or `fontbodytext="Scheherazade New:script=arab:+cv44=1 on baseline" at 12pt` (for OpenType). The syntax for this can be derived from the Font Features document for the specific font you are using.

### ***How do I use a feature in XeLaTeX?***

For XeLaTeX, the fontspec package must be used. The syntax might be something like:

```
\fontspec{Scheherazade New}[  
  Renderer=Graphite,  
  RawFeature={Dal=Alternate}
```

## **Technical**

### ***Will font and glyph metrics stay the same in future versions?***

We do not guarantee to keep metrics stable in future versions. The practical result of this means that you should expect to have different line lengths, paragraph length may be different, and line spacing may even be different. *You should not expect your document to have the same page layout as you do with the current font.*

## **Data Conversion**

### ***I have text in Latin script that I would like to convert to Arabic script - how can I do that?***

Converting from Latin script (or any other script) to Arabic script is not usually a straightforward 1-1 conversion. However, it can be done. [TECKit](#), [SIL Converters](#), and the following webpage will be helpful in the process: [Roman Script to Arabic Script Conversion](#).

This guide is from the [font-arab-tools project](#) and is copyright © 2022-2023 SIL International.