

## إنتاج الخطوط العربية الرقمية للإستخدام فى التجهيزات الطباعية Production of Arabic Fonts for use in Printing Equipment

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### Research Summary:

The printing process is increasing and spreading as a result of the emergence of modern trends in the field of printing and publishing. The trend towards the use of computers in digital printing systems has increased, which increases the degree of control over the high efficiency of the publications. Digital printing is the translation that translates the digital system into a system Printer, which in turn receives these data and translated into the image to be printed. With the introduction of electronic computers, printing operations are completed in record time thanks to the electronic control devices that provided great potential for you As time passed, the modern technology used in the printing stages and how to employ them. In the beginning of the work of a print product on different types of printing products, there is an origin for the print file to be produced in the form of a print product. The types of print files differ from one customer to another depending on the capabilities and possibilities of the client. Print files are in the form of word, pdf, InDesign, or Photoshop. Here are problems with typographic files (such as word changes, inconsistencies, the appearance of letters in the form of graphics, the disappearance of letters from words, or the appearance of space drawings between spaces). For Matt or jowl letters and words on top of each style makes it difficult to read due to the different nature of the program used by Fonts writing to create a printing file and the program used for the production of printing file Mmaaather on product quality printing in its final form.

The study deals with the production of a new Arabic font using some computer programs such as Font Struct and Font Lab after drawing it on the Illustrator program by using the tools available in the programs for the production of the font and its design and then dealing with the production processes and we notice problems in The consistency of lines and tying the letters together and adjusting the spaces between the letters and then the words, which in turn affect the efficiency and quality of the print product and concluded the search to a set of results, the most important of which can produce a digital Arabic line used in the production process with minimal problems possible.

-Ensure that the fonts used in writing the printed file are installed on the machine used for the production of printing to avoid and reduce the problems that may appear in the final form of the print product.

-After the completion of writing the typographical file is converted to an outline to avoid problems and change the form of the final print.