# Printing Chinese Characters With Zebra Multiplatform SDK – Windows Mobile SDK – C#

## Overview

This document describes how to print Chinese characters using Zebra Multiplatform SDK – Windows Mobile SDK – C# through a Zebra printer as well as describes how custom fonts can be purchased and loaded into the printer.

## Simplified Chinese Font

To support Simplified Chinese character set printing, the following font is loaded into the printer:
- GB16F55.CPF

## CPCL Commands

This example is sending CPCL commands to the printer for printing. For more information on these commands, please refer to the CPCL Programming Language Manual.

## Solution

1. You will need to first download the font into the printer memory. Instructions on downloading custom fonts using the Zebra Setup Utilities are found in knowledge article here. To download the Zebra Setup Utilities, click here.

2. The code snippet below is modified from Zebra Multiplatform SDK C# sample codes.

```csharp
private byte[] PrintText(PrinterLanguage printerLanguage)     {

        string unicodeString = "";
        unicodeString = "! 0 200 200 340 1\r\n" +
            "COUNTRY CHINA\r\n" +
            "SETMAG 2 2\r\n" +
            "T 55 0 88 58 斑马科技有限公司 \r\n" +
            "T 0 2 88 181 Simplified Chinese \r\n" +
            "COUNTRY USA\r\n" +
            "SETMAG 0 0\r\n" +
            "PRINT\r\n";

        return Encoding.Default.GetBytes(unicodeString);
    }
```

3. Here is an example of how the Simplified Chinese text will be printed :
   The output:

## See Also

- For any further information, sample code and solutions or to request further content, visit the [Zebra Developer Portal](#).

## Document Control

| Version | Date | Description |
|---------|------|-------------|
| 1.0 | 28th November 2010 | Initial release |
| 2.0 | 2nd October 2017 | Updated URLs |

## Disclaimer

*All links and information provided within this document are correct at time of writing*

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