

# Printing Barcodes using 4D v11 SQL and SVG

By Thomas Maul, General Manager, 4D Germany  
TN 08-27

## Introduction

---

This Technical Note updates Technical Note 05-08 for 4D v11 SQL. Using the new SVG features of 4D v11 SQL to replace 4D Chart to create bar codes, the result is much faster creation with higher quality. It also fixes a bug.

See the original Technical Note for a description of the commands and features (included with this document and also available at):

<http://www.4d.com/knowledgebase?CaseID=36279>

## Example and Component

---

The source for the component (the Matrix Database) is provided in the "Matrix Database" folder. A compiled component is provided in the "Component\_Database" folder. The component ("Barcode.4dbase") can be copied into the "Components" folder of any 4D v11 SQL database.

The example database ("BarCodeExample.4dbase") already has the component installed (in the "Components" subfolder within the package).

The component is compiled in "Compatibility Mode", to improve compatibility with converted applications. If your 4D v11 SQL database is already in "Unicode Mode", please change the setting in the Matrix Database source and recompile it.

## Bug Fixes

---

The supported range of bar codes remains unchanged:

- Industrial 2 of 5
- Interleaved 2 of 5
- Code39
- Code128A
- Code128B
- Code128C
- EAN8
- EAN13
- UPC-A
- UPC-E
- Supplemental2
- Supplemental5

The component fixes a bug in Code 128 with lower case character g.