**QR Code Tutorial**

**Error Correction Coding**

As explained above, QR codes use error correction. This means that after you create the string of data bits that represent your text, you must then use those bits to generate error correction codewords using a process called **Reed-Solomon error correction**.

QR scanners read both the data codewords and the error correction codewords. By comparing the two, the scanner can determine if it read the data correctly, and it can correct errors if it did not read the data correctly. The error correction coding section explains the process of generating error correction codewords in detail. For more information, read Wikipedia's article on Reed-Solomon error correction.