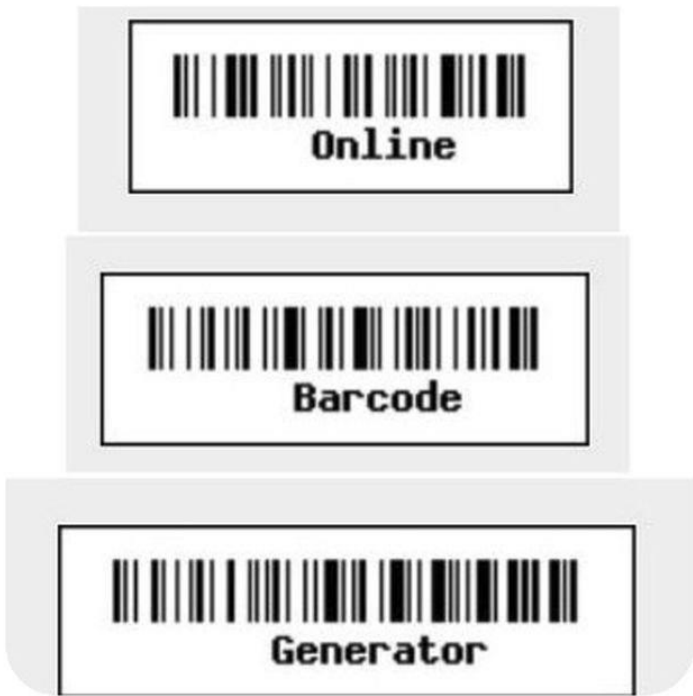


.... . / .. ... / .- - . /  
. - . - . - - . - . - . - . /  
... - . . . . - . - . - . - . -

This is an example string  
(Morse Code)



Sections: QR Codes: Wikipedia Links -- YT Links -- Canned Post Concept

For the ones who were not around in the creation days of the 'Morse', Bar & QR codes (1994), here are some links about them.

For the ones who were, this may remind you of the different coding & transmission systems we crunched / scribbled in the course - Hexadecimal, Checksum bits and Data Compression.

Yes, you're right, it's a 'canned post'. Just sharing for the Engg mindset viewers.

## == QR Code - Wikipedia Links ==

Barcode - <https://en.wikipedia.org/wiki/Barcode>

Hamming Code - [https://en.wikipedia.org/wiki/Hamming\\_code](https://en.wikipedia.org/wiki/Hamming_code)

Morse Code - [https://en.wikipedia.org/wiki/Morse\\_code](https://en.wikipedia.org/wiki/Morse_code)

QR Code - [https://en.wikipedia.org/wiki/QR\\_code](https://en.wikipedia.org/wiki/QR_code)

Shannon Coding - [https://en.wikipedia.org/wiki/Shannon\\_coding](https://en.wikipedia.org/wiki/Shannon_coding)

## == QR Code - YouTube links ==

'Gary Explains' [1] and 'Veritasium' [2] have recently produced two clips. The timestamps can be an entry point if you're short of time. I am a subscriber but not financially affiliated with them.

[1] How do QR Codes Work? Features, Format, Error Correction, and More!

Gary Explains

12m54

<https://youtu.be/Qb4wq2auXXk>

10 Apr 2024

Timestamps:

01:26 - QR Code Definition

01:55 - Features

02:47 - Sizes

03:47 - Structure

07:55 - Error Correction

09:42 - Images and Logos

10:04 - Build Your Own QR Codes

10:45 - ZXing example

12:10 - Roundup

[2] How do QR codes work? (I built one myself to find out)

Veritasium

35m12

<https://youtu.be/w5ebcowAJD8>

1 Oct 2024

Timestamps:

00:00 - I was wrong

00:49 - How Morse Code revolutionized communication

03:57 - How barcodes work

03:55 - Bernard Silver

04:25 - Norman Joseph Woodland

06:15 - Algorithm

08:55 - David Allais

09:38 - Masahiro Hara in Denso Wave

10:34 - How QR codes store information

16:48 - \*\* Sponsor Advertisement \*\*

18:16 - Why damaged QR codes still work

20:40 - Hamming Distance

25:15 - Reed Solomon Error Correcting Codes

26:54 - Masking Patterns

29:54 - Why are QR codes so common?

31:21 - How safe are QR codes?

32:25 - The future of QR codes

## == Canned Post Concept ==

In the late 1980's, I related Richard Kingsmill's talk on 'triplej' radio to my short experience at work with other staff missing on critical days of projects.

Being interviewed, Richard, mentioned using a pre-recorded radio segment to fit into the broadcast when a programme host is late or missing - accident or family delay.

Richard Kingsmill - [https://en.wikipedia.org/wiki/Richard\\_Kingsmill](https://en.wikipedia.org/wiki/Richard_Kingsmill)

// Posted to EEnT Alumni (LI), Elsoc-Alumni (FB) and own LI space --- 04 NOV 2024

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// Heads: Dean Julien Epps; EEnT Prof. Jinhong Yuan