

3 2 1 Code It

Baudot code The symbol rate measurement is known as baud, and is derived from the same name. It was the predecessor to the International Telegraph Alphabet No. Code elements 1, 2 and 3 are transmitted by keys 1, 2 and 3, and these are operated by the first three fingers of the right hand. Code elements The Baudot code (French pronunciation: [bodo]) is an early character encoding for telegraphy invented by Émile Baudot in the 1870s. inland code. 2 (ITA2), the most common teleprinter code in use before ASCII. Each character in the alphabet is represented by a series of five bits, sent over a communication channel such as a telegraph wire or a radio signal by asynchronous serial communication 1adf8bc61d

Binary-coded decimal 4 Minimum-confusion code for decimals. [...] Fig.

Sometimes, special bit patterns are used for a sign or other indications (e. error or overflow). g. [...] $\delta 1=2$ $\Delta 1=15$ [...] [1] [2] [3] [4] [5] [6] [7] [8] [9] [10] [11] In computing and electronic systems, binary-coded decimal (BCD) is a class of binary encodings of decimal numbers where each digit is represented by a fixed number of bits, usually four or eight. substantially better than the conventional codes 1adf8bc61d

This is achieved by way of region-locked DVD players, which will play back only DVDs encoded to their region (plus those without any region code). The American DVD Copy Control Association also requires that DVD player manufacturers incorporate the Regional Playback Control (RPC) system. However, region-free DVD players, which ignore region coding, are also commercially available, and many DVD players can be modified to be region-free, allowing playback of all discs. 1adf8bc61d == Uses and applications == 1adf8bc61d

ISO 3166-1 alpha-3 They were first included as part of the ISO 3166 standard in its first edition in 1974. ISO 3166-1 alpha-3 codes are

three-letter country codes defined in ISO 3166-1, part of the ISO 3166 standard published by the International Organization ISO 3166-1 alpha-3 codes are three-letter country codes defined in ISO 3166-1, part of the ISO 3166 standard published by the International Organization for Standardization (ISO), to represent countries, dependent territories, and special areas of geographical interest. They allow a better visual association between the codes and the country names than the two-letter alpha-2 codes (the third set of codes is numeric and hence offers no visual association) 1adf8bc61d

== History == 1adf8bc61d == Function == 1adf8bc61d == Uses and applications == 1adf8bc61d

Aiken code One might think that double codes are possible for a number, for example 1011 and 0101 The Aiken code (also known as 2421 code) is a complementary binary-coded decimal (BCD) code. A group of four bits is assigned to the decimal digits from 0 to 9 according to the following table. The code was developed by Howard

Hathaway Aiken and is still used today in digital clocks, pocket calculators and similar devices. The following weighting is obtained for the Aiken code: 2-4-2-1 1adf8bc61d

3-2-1 Contact Edward G. 3-2-1 Contact is an American science educational television show produced by the Children's Television Workshop (CTW, now known as Sesame Workshop). The show teaches scientific principles and their applications. It 3-2-1 Contact is an American science educational television show produced by the Children's Television Workshop (CTW, now known as Sesame Workshop). Atkins, who was responsible for much of the scientific content of the show, felt that the TV program would not replace a classroom but would encourage viewers to ask questions about the scientific purpose of things. It aired on PBS from 1980 to 1988 and later ran on Noggin (a joint venture between the CTW and Nickelodeon) from 1999 to 2003 1adf8bc61d

The ten states representing a BCD digit are sometimes called tetrades

(the nibble typically needed to hold them is also known as a tetrad) while the unused, don't care-states are named pseudo-tetrad(e)s[de], pseudo-decimals, or pseudo-decimal digits. 1adf8bc61d

DVD region code region coded as region 1. It is designed to allow rights holders to control the international distribution of a DVD release, including its content, release date, and price, all according to the appropriate region. But it also contained a short video loop of a map of the world showing the regions, which was coded as region 2, 3, 4, 5, and DVD region codes are a digital rights management technique introduced in 1997 1adf8bc61d

USB 3.0 0 Type-A and usually also Type-B connectors the visible inside insulators are often blue, to distinguish them from USB 2. 0 (USB 3. 0 architecture and protocols and therefore keeping the original four pins and wires for the USB 2. The USB 3. 0 specification defined a new architecture and protocol, named SuperSpeed, which included a new lane for providing full-duplex data transfers that physically required

five additional wires and pins, while also adding a new signal coding scheme (8b/10b symbols, 5 Gbit/s; also known later as Gen 1), and preserving the USB 2. The new transfer rate, marketed as SuperSpeed USB (SS), can transfer signals at up to 5 Gbit/s (with raw data rate of 500 MB/s after encoding overhead), which is about 10 times faster than High-Speed (maximum for USB 2.0), marketed as SuperSpeed USB, is the third major version of the Universal Serial Bus (USB) standard for interfacing computers and electronic devices. 0 connectors, as recommended by the specification, and by the. 0 backward-compatibility, resulting in nine wires in total and nine or ten pins at connector interfaces (ID-pin is not wired). It was released in November 2008. 0 architecture and protocols Universal Serial Bus 3. while also adding a new signal coding scheme (8b/10b symbols, 5 Gbit/s; also known later as Gen 1), and preserving the USB 2. In USB 3. 0 standard) 1adf8bc61d

The first spreadsheet program, VisiCalc, had helped launch the Apple II as one of the earliest personal computers in business use. With IBM's

entry into the market, VisiCalc was slow to respond, and when they did, they launched what was essentially a straight port of their existing system despite the greatly expanded hardware capabilities. Lotus's solution was marketed as a three-in-one integrated solution: it handled spreadsheet calculations, database functionality, and graphical charts, hence the name "1-2-3", though how much database capability the product actually had was debatable, given the sparse memory left over after launching 1-2-3. It quickly overtook VisiCalc, as well as Multiplan and SuperCalc, the two VisiCalc competitors. 1adf8bc61d

Lotus 1-2-3 It was the first killer application of the IBM Lotus 1-2-3 is a discontinued spreadsheet program from Lotus Development Corporation (later part of IBM). It was the first killer application of the IBM PC, was hugely popular in the 1980s, and significantly contributed to the success of IBM PC-compatibles in the business market. Lotus 1-2-3 is a discontinued spreadsheet program from Lotus Development Corporation (later part of IBM) 1adf8bc61d

Lotus 1-2-3 was the state-of-the-art spreadsheet and the standard throughout the 1980s and into the early 1990s, part of an unofficial set of three stand-alone office automation... 1adf8bc61d

Gray code eight: 1 1 1 1 1 0 0 0 0 1 1 1 1 1 1 0 0 1 1 1 1 1 0 0 0 0 0
0 0 0 0 0 0 0 1 1 1 1 1 1 1 1 0 0 0 0 0 0 1 1 1 1 1 0 0 0 1 1 0 0 0 1
1 0 0 1 1 1 0 0 The reflected binary code (RBC), also known as
reflected binary (RB) or Gray code after Frank Gray, is an ordering of
the binary numeral system such that two successive values differ in
only one bit (binary digit) 1adf8bc61d

The ISO 3166-1 alpha-2 codes are used in different environments and are also part of other standards. In some cases they are not perfectly implemented. 1adf8bc61d For example, the representation of the decimal value "1" in binary would normally be "001", and "2" would be "010". In Gray code, these values are represented as "001" and "011". That way, incrementing a value from 1 to 2 requires only one bit to change, instead of two. 1adf8bc61d == Region codes and countries

== 1adf8bc61d In byte-oriented systems (i.e. most modern computers), the term unpacked BCD usually implies a full byte for each digit (often including a sign), whereas packed BCD typically encodes two digits within a single byte by taking advantage of the fact that four bits are enough to represent the range 0 to 9. The precise four-bit encoding, however, may vary for technical reasons (e.g. excess-3). 1adf8bc61d One might think that double codes are possible for a number, for example 1011 and 0101 could represent 5. However, here one makes sure that the digits 0 to 4 are mirror image complementary to the numbers 5 to 9. 1adf8bc61d Gray codes are widely used to prevent spurious output from electromechanical switches and to facilitate error correction in digital communications such as digital terrestrial television and some cable TV systems. The use of Gray code in these devices helps simplify logic operations and reduce errors in practice. 1adf8bc61d The following weighting is obtained for the Aiken code: 2-4-2-1. 1adf8bc61d == History == 1adf8bc61d Many devices indicate position by closing and opening switches. If that device uses natural binary codes, positions 3 and 4

are next to each other but all three bits of the binary representation differ: 1adf8bc61d The United Nations uses a combination of ISO 3166-1 alpha-2 and alpha-3 codes, along with codes that pre-date the creation of ISO 3166, for international vehicle registration codes, which are codes used to identify the issuing country of a vehicle registration plate; some of these codes are currently indeterminately... 1adf8bc61d The ISO 3166-1 alpha-3 codes are used most prominently in ISO/IEC 7501-1 for machine-readable passports, as standardized by the International Civil Aviation Organization, with a number of additional codes for special passports; some of these codes are currently reserved and not used at the present stage in ISO 3166-1. 1adf8bc61d BCD's main virtue, in comparison to binary positional systems, is its more accurate representation and rounding of decimal quantities, as well as its ease of conversion into conventional human-readable representations. Its principal drawbacks are a slight increase... 1adf8bc61d DVDs may use one code, multiple codes (multi-region), or all codes (region free). 1adf8bc61d The Aiken code differs from the standard 8421 BCD code in that the Aiken code does not weight the

fourth digit as 8 as with the standard BCD code but with 2. 1adf8bc61d

ISO 3166-1 alpha-2 They are the most widely used of the country codes published by ISO (the others being alpha-3 and numeric), and are used most prominently for the Internet's country code top-level domains (with a few exceptions). They were first included as part of the ISO 3166 standard in its first edition in 1974. ISO 3166-1 alpha-2 codes are two-letter country codes defined in ISO 3166-1, part of the ISO 3166 standard published by the International Organization ISO 3166-1 alpha-2 codes are two-letter country codes defined in ISO 3166-1, part of the ISO 3166 standard published by the International Organization for Standardization (ISO), to represent countries, dependent territories, and special areas of geographical interest 1adf8bc61d

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