The ABC of TECHBABBLE

muckle LLP

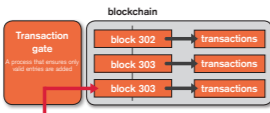## Click on the graphic below for a full explanation

A — ABC of Tech Babble — **Agile**
A flexible method of software development project management, which divides work into small sections and allows for constant re-evaluation.

B — ABC of Tech Babble — **Blockchain**
A digital ledger of transactions that is distributed (which means that every participant in a given system has a copy and access to the chain). It is extremely difficult for any singular party to tamper with, as discrepancies are immediately obvious. Blockchain underpins Bitcoin (a digital currency) and is also used in supply chains as transactions aren't recognised until they are added to the chain.

C — ABC of Tech Babble — **Cloud**
The ability to access data over the internet, rather than relying on a physical device or hard drive.

D — ABC of Tech Babble — **Drones**
An unmanned aircraft that can be flown autonomously and beyond the line of sight.

E — ABC of Tech Babble — **Encryption**
Scrambling data in a way that only someone with the secret code or key can read it e.g. MD5 and TLS.

F — ABC of Tech Babble — **Firewall**
A filter which protects your network from untrusted outside connections, allowing trusted data to flow through.

G — ABC of Tech Babble — **Gif**
A graphic image on a webpage with animation capabilities.

H — ABC of Tech Babble — **Hosting**
A remote system that can be used for storage (data hosting) or publishing (web/email hosting).

I — ABC of Tech Babble — **Internet of Things (IoT)**
Any device that is connected to the internet e.g. a WiFi kettle that can be boiled remotely.

J — ABC of Tech Babble — **JavaScript**
A programming language which is used to make web pages interactive, it can also be used in non-web based environments such as PDF documents.

K — ABC of Tech Babble — **Kernel**
Every single operating system has a kernel. It is the piece of software that communicates between the hardware and the software.

L — ABC of Tech Babble — **LinkedIn**

M — ABC of Tech Babble — **Malware**
Short for 'malicious software' which is designed to damage a computer system e.g. virus.

N — ABC of Tech Babble — **Network**
A group of two or more computers that are connected to each other is known as a network.

O — ABC of Tech Babble — **Open Source**
If a piece of software is 'open source', then this means that the source code is freely available to the public.

P — ABC of Tech Babble — **Phishing**
An attempt at obtaining sensitive information through forged emails and websites to gain access to your personal information.

Q — ABC of Tech Babble — **QR Code**
A 'quick response code' is a barcode that can be scanned by a smartphone with a camera which is then de-coded and converted to show the information behind it e.g. open a website or it could contain your boarding pass

R — ABC of Tech Babble — **Raspberry Pi**
A small credit card sized computer which can be used for programming.

S — ABC of Tech Babble — **Software As A Service (SAAS)**
Software distribution model where software applications are centrally hosted, deployed over the internet and licensed to users on a recurring subscription/pay as you use basis. Users only need a computer with a browser to be able to access SAAS.

T — ABC of Tech Babble — **Tokenisation**
Replacing sensitive data e.g. credit card information with a token (identifiable symbols) that protects the information but doesn't compromise its security.

U — ABC of Tech Babble — **USB port**
The most common type of computer port. You can use it to connect keyboards, printers, digital cameras etc.

V — ABC of Tech Babble — **vlog**
A blog for which the medium is video rather than purely text.

W — ABC of Tech Babble — **White List**
A list of IP addresses or email addresses that are considered to be spam-free and are allowed to pass spam filters. Or alternatively, an application white list will prevent certain software from running.

X — ABC of Tech Babble — **XML**
Extensible Markup Language

Y — ABC of Tech Babble — **Yottabyte**

Bit	A binary digit smallest unit of measurement in computing
Byte	8 bits
Kilobyte	KB
Megabyte	MB
Gigabyte	GB
Terabyte	TB
Petabyte	PB
Exabyte	EB
Zettabyte	ZB
Yottabyte	YB

1,000,000,000,000,000,000,000,000 bytes
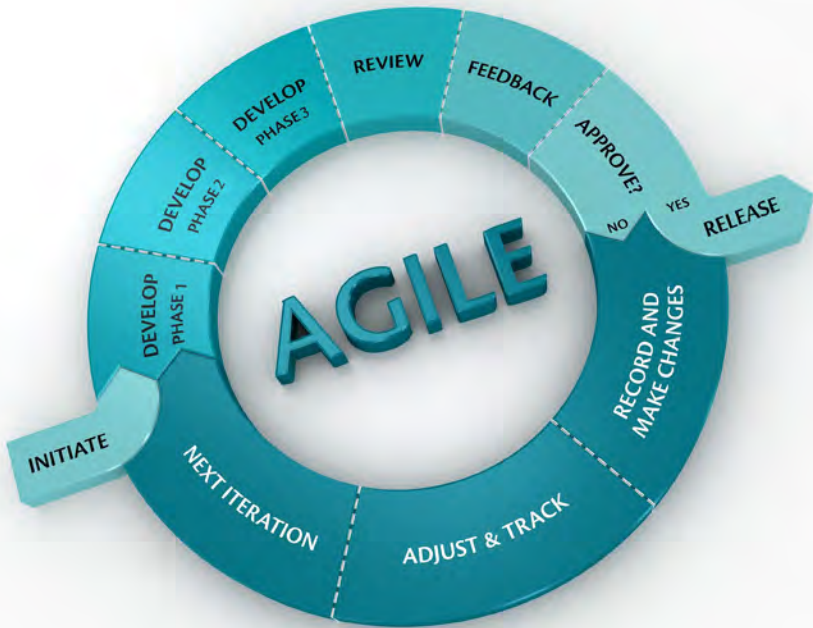
Z — ABC of Tech Babble — **Zip file**
A compressed file that contains one or more files. A handy way to archive your files or use less space on your hard drive.

muckle LLP

ABC of Tech Babble

Agile

A flexible method of software development project management, which divides work into small sections and allows for constant re-evaluation.
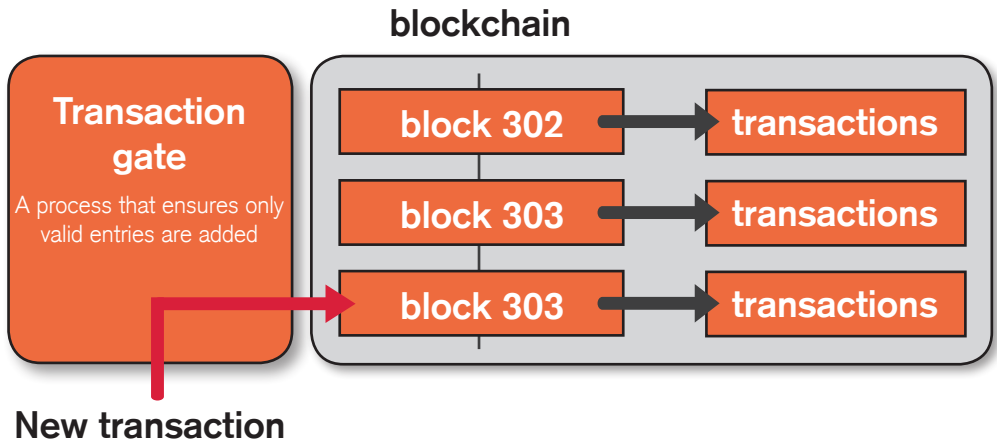
muckle LLP

ABC of Tech Babble

Blockchain

blockchain

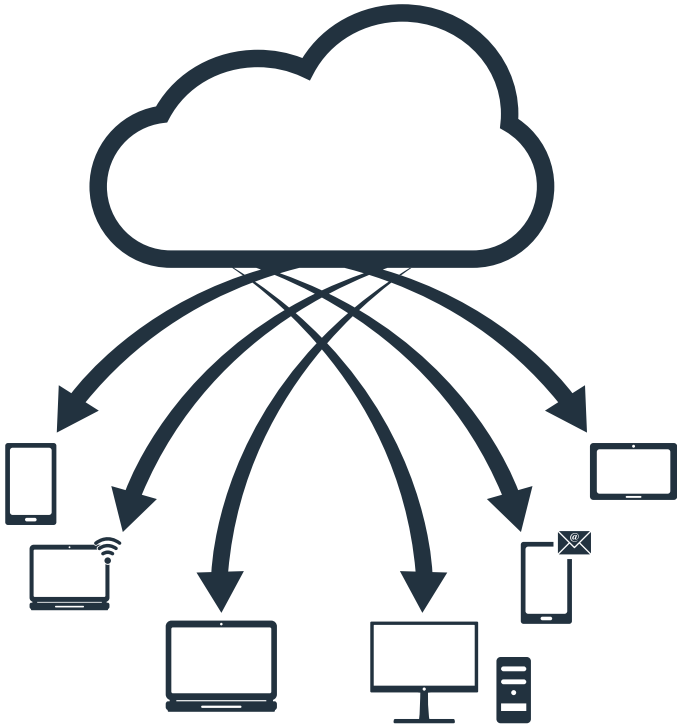| Transaction gate | block 302 | → | transactions |
| A process that ensures only valid entries are added | block 303 | → | transactions |
| | block 303 | → | transactions |

New transaction

A digital ledger of transactions that is distributed (which means that every participant in a given system has a copy and access to the chain). It is extremely difficult for any singular party to tamper with, as discrepancies are immediately obvious. Blockchain underpins Bitcoin (a digital currency) and is also used in supply chains as transactions aren't recognised until they are added to the chain.

muckle LLP

ABC of Tech Babble

Cloud

The ability to access data over the internet, rather than relying on a physical device or hard drive.

D

muckle LLP

ABC of Tech Babble

Drones

An unmanned aircraft that can be flown autonomously
and beyond the line of sight.

muckle LLP

ABC of Tech Babble

Encryption

Scrambling data in a way that only someone with the secret code or key can read it e.g. MD5 and TLS.

F

muckle LLP

ABC of Tech Babble

Firewall

A filter which protects your network from untrusted outside connections, allowing trusted data to flow through.

muckle LLP

ABC of Tech Babble

Gif

A graphic image on a webpage with animation capabilities.

muckle LLP

ABC of Tech Babble

Hosting

A remote system that can be used for storage (data hosting) or publishing (web/email hosting).

muckle LLP

ABC of Tech Babble

Internet of Things (IoT)

Any device that is connected to the internet e.g. a WiFi kettle that can be boiled remotely.
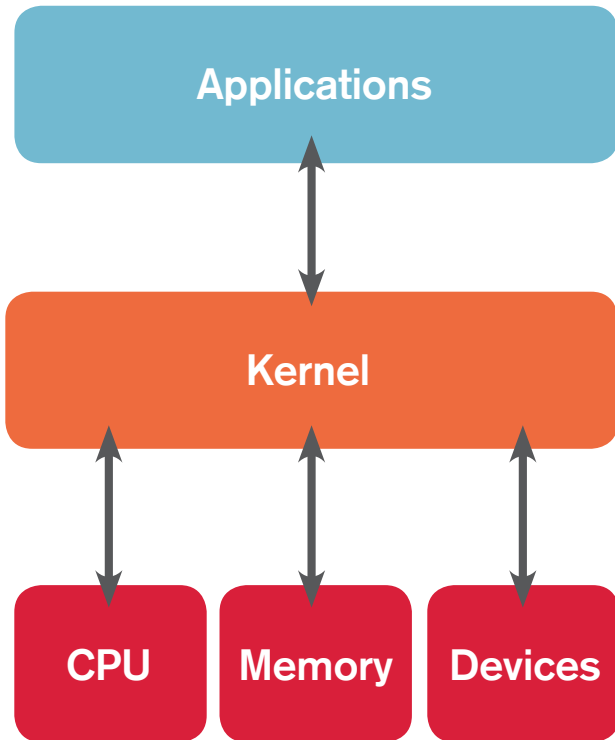
muckle LLP

ABC of Tech Babble

JavaScript

A programming language which is used to make web pages interactive, it can also be used in non-web based environments such as PDF documents.

muckle LLP

ABC of Tech Babble

Kernel

Applications

Kernel

CPU **Memory** **Devices**

Every single operating system has a kernel.
It is the piece of software that communicates between
the hardware and the software.

muckle LLP

ABC of Tech Babble

LinkedIn

muckle LLP

ABC of Tech Babble

Malware

Short for 'malicious software' which is designed to damage a computer system e.g. virus.

muckle LLP

ABC of Tech Babble

Network

A group of two or more computers that are connected to each other is known as a network.

muckle LLP

ABC of Tech Babble

Open Source

If a piece of software is 'open source', then this means that the source code is freely available to the public.

muckle LLP

ABC of Tech Babble

Phishing

An attempt at obtaining sensitive information through forged emails and websites to gain access to your personal information.
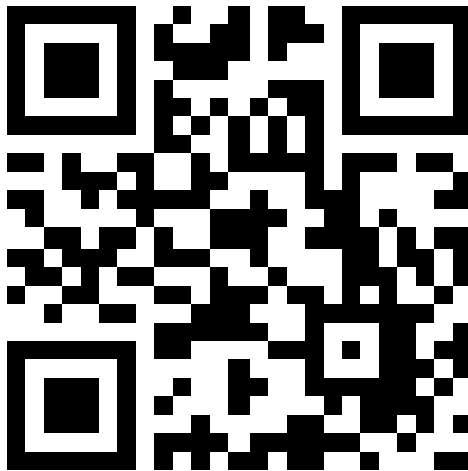
muckle LLP

ABC of Tech Babble

QR Code

A 'quick response code' is a barcode that can be scanned
by a smartphone with a camera which is then de-coded
and converted to show the information behind it e.g. open a
website or it could contain your boarding pass

muckle LLP

ABC of Tech Babble

Raspberry Pi

A small credit card sized computer which can be used for programming.

S

muckle LLP

ABC of Tech Babble

Software As A Service (SAAS)

Software distribution model where software applications are centrally hosted, deployed over the internet and licensed to users on a recurring subscription/pay as you use basis. Users only need a computer with a browser to be able to access SAAS.

T

muckle LLP

ABC of Tech Babble

Tokenisation

Replacing sensitive data e.g. credit card information with a token (identifiable symbols) that protects the information but doesn't compromise its security.

muckle LLP

ABC of Tech Babble

USB port

The most common type of computer port. You can use it
to connect keyboards, printers, digital cameras etc.

muckle LLP

ABC of Tech Babble

vlog

A blog for which the medium is video rather than purely text.

muckle ^{LLP}

ABC of Tech Babble

White List

A list of IP addresses or email addresses that are considered to be spam-free and are allowed to pass spam filters. Or alternatively, an application white list will prevent certain software from running.

muckle LLP

ABC of Tech Babble

XML

```xml
<xml>

        <term>eXtensible Markup Language</term>
        <definition>
                A human readable and computer parsable
                text document format. Often used for
                configuration files
                </definition>
</xml>
```

Extensible Markup Language

muckle LLP

ABC of Tech Babble

Yottabyte

Bit	A binary digit smallest unit of measurement in computing
Byte	8 bits
Kilobyte	KB
Megabyte	MB
Gigabyte	GB
Terabyte	TB
Petabyte	PB
Exabyte	EB
Zettabyte	ZB
Yottabtye	YB

1,000,000,000,000,000,000,000,000 bytes

Z

muckle LLP

ABC of Tech Babble

Zip file

A compressed file that contains one or more files. A handy
way to archive your files or use less space on your hard drive.