iOS & Android

Children of the same Mother but different Fathers Part 1

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iOS & Android - The Mother

Unix - 1970

Unix was developed by the original Bell Labs as a multitasking, multi user computer operating system. Ken Thompson & Dennis Richie

Unix was sold off and passed through several hands, Novell currently owns the copyrights to Unix (2010). It is not a Open Source Operating System

Prior to Novells purchase of Unix, other operating system were spun off, notably AIX and Linux

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iOS & Android - Children

iOS *- Prior to the Court Settlement in 2010. Apple adopted Unix as the base for their future products (2005). Apple soon realized Users would have problems using products without a Graphical User Interface (GUI). Apple added a proprietary GUI to Unix and called the new child "iPhone OS" (2007) and then changed to iOS*

The rest is history

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iOS & Android - Children

Linux was spin off from Unix, developed by Linus Torvalds and was made into a free open source operating system To this day Torvalds administer the Linux Kernel.

2003 Andy Rubin and Rich Miner disagreed with Torvalds on the future of Linux

Rubin and Miner formed their own Company called Android. Since Linux was open source, they built a new Linux Kernel with a GUI, they named the Child "Android". Soon after Google purchased Android and kept it as open source but renamed it as Android Open Source Project (AOSP) known better as "Stock Android"

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Android the Disaster

2007 witness the first mass produced Android Smartphone by HTC. Soon after the "Handset Alliance" was formed to compete with Apple. The Alliance was made up of HTC, Samsung, LG and others. The Alliance woke up and realized if they all used AOSP, Customers would not see any difference between Brands. HTC, Samsung and LG petitioned Google to modify AOSP Kernel, without success.

<u>The War of GUI's.</u> HTC, Samsung and LG went to war on who could put the most bloated GUI on top of Android, Samsung won the war and leads as the most bloated GUI (Reminds me of Windows 10).

Apple had an field day "Android is fracturer" and won many converts

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What did Google do ?

Google could not rein in Samsung, HTC and LG, so they bought Motorola, HTC Engineering. Google then did what Google does best, they stripped Motorola of its patents and Engineers and sold the name to Lenovo

Google decided to compete and release the Nexus brand and now Pixel brand

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Back to the Start

Both iOS and AOSP having the same Mother with the same underpinning, Multitasking and Multiuser plus launching application via a GUI

So what's the difference ?

Ecosystem

Applications

Part 2 Features and Hardware

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