

#### **Daniel Drack**

in/drackthor

daniel@drackthor.me

#### Senior DevOps Engineer @ FullStackS

Organizer / Host CNCG Graz + CND Austria













BSC MA MBA Kubestronaut, TFA, VA, GitLab, Scrum, Snyk, Exoscale





### Saturday, September 13th ~9.45AM



... and what did we listen to? 🜆



## HOW DID WE GET HERE? ... tech wise







A brief history of

### Cloud Native



















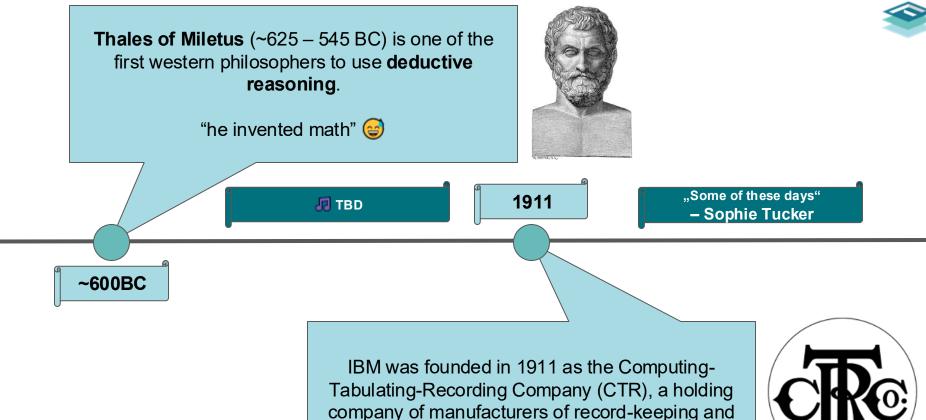






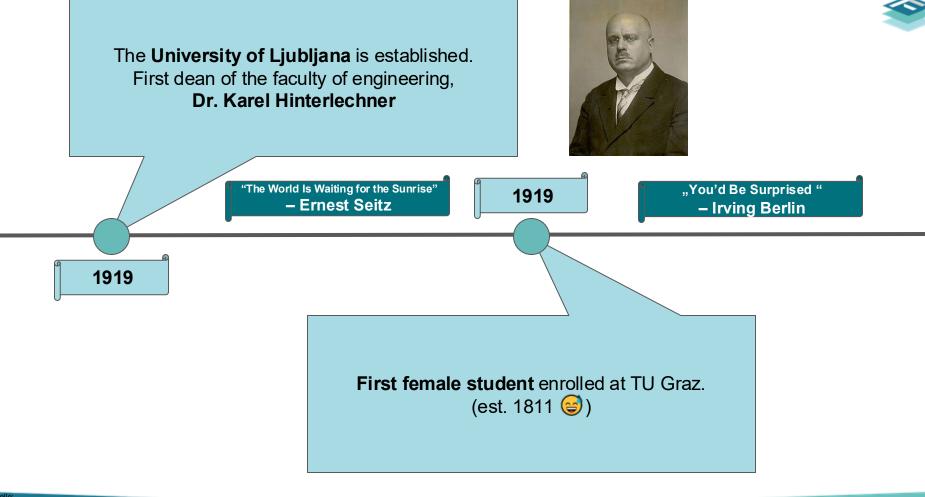


# If I missed your favourite pet, I'm sorry



measuring systems.







Taiichi Ōno developed the Kanban system at Toyota to increase production efficiency.



"Maybe You'll Be There "
- Gordon Jenkins

1952

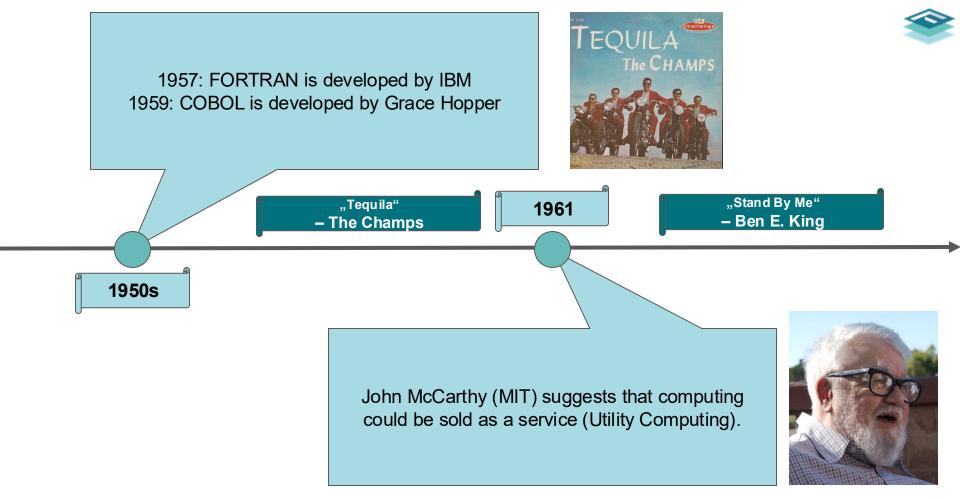
"Blue Tango"

- Leroy Anderson

1940s

Grace Murray Hopper, Ph.D. developed the first compiler called A-0





Virtualization technology emerged in 1964 with IBM's CP-40, a time-sharing research project for the IBM **System/360**. CP-40 evolved into CP-67 one of the first multi-user, time-sharing operating systems.



"Do Wah Diddy Diddy"
- Manfred Mann

1965

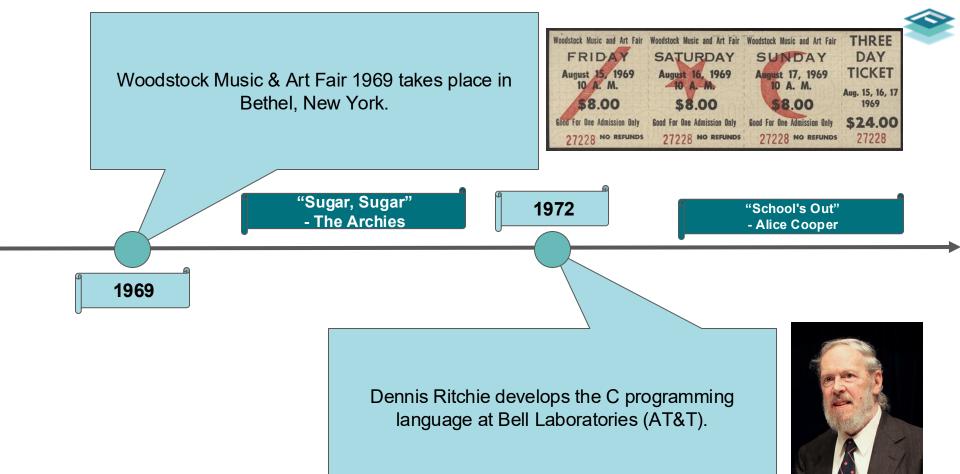
"Satisfaction"
- The Rolling Stones

1964



Sister Mary Kenneth Keller and Irving C. Tang receive the first (US) CS doctorate degrees on June 7<sup>th</sup>





IBM releases VM/370 operating system for mainframes - the first "real" VMs.



"Superstition" – Stevie Wonder 1975 1976

"Dancing Queen"
- ABBA

1972



Microsoft: Bill Gates and Paul Allen on April 4th.

Apple: Steve Jobs, Steve Wozniak, and Ronald

Wayne on April 1st



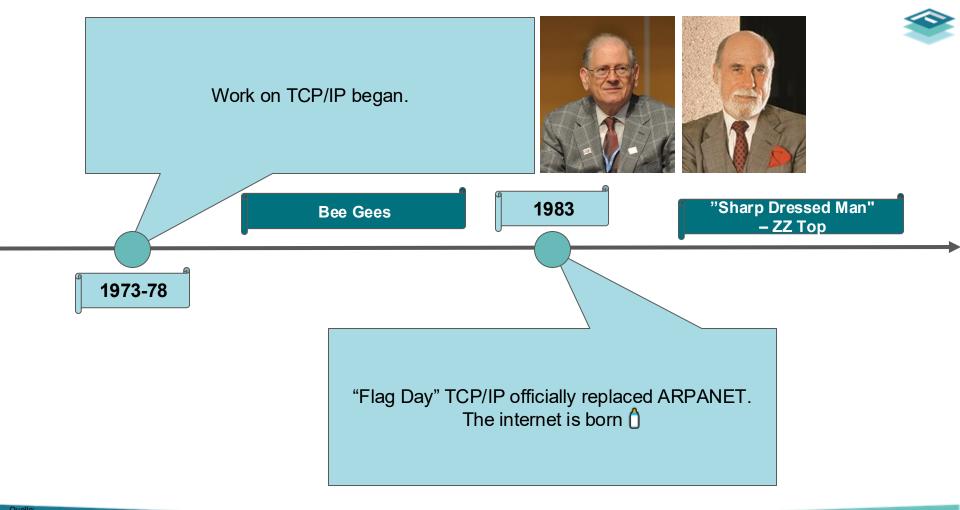
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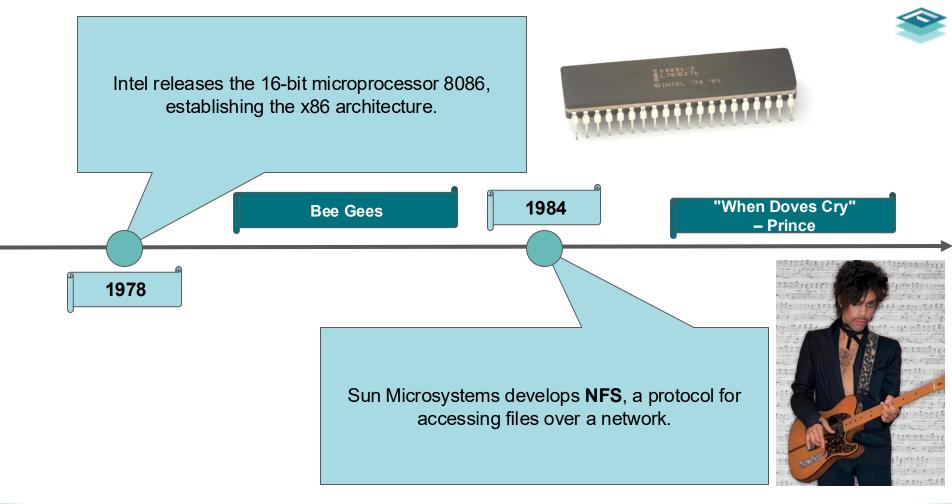
https://www.youtube.com/watch?v=x7QASnNVH0w

By Rob Janoff - https://wiki.reactive.micro.com/images/e/e3/Apple Spectrum Colors 1993.pdf, Public Domain, https://commons.wikimedia.org/w/index.php?curid=10326626

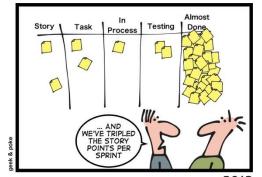
https://www.ndtv.com/world-news/what-we-can-learn-from-the-guy-who-sold-apple-in-19/6-13960/4

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Hirotaka Takeuchi and Ikujiro Nonaka describe the Scrum concept for product development in an article in the Harvard Business Review.



DOAD

"Master of Puppets"
- Metallica

1988

"Sweet Child o' Mine" - Guns N' Roses

1986



Development of the **Fibre Channel Protocol** started in **1988**. The first draft of the standard was completed in 1989. ANSI approved the Fibre Channel standard in **1994**.

The first release of the Linux kernel, version 0.01, was distributed in 1991. While the first official release was announced on October 5, 1991, with version 0.02.





"Everything I Do" - Bryan Adams

1991

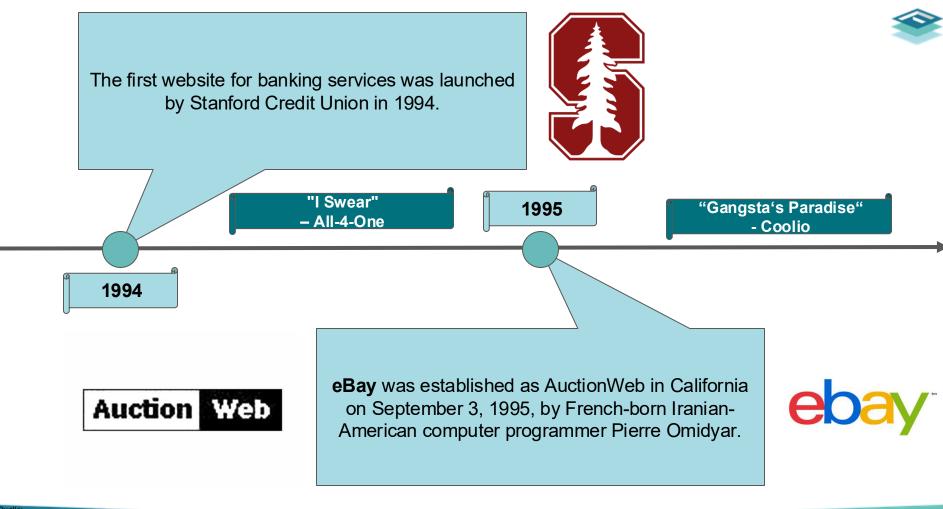
"Joyride"
- Roxette

1991



Von Paul Clarke, Figenes Work, CC BV SA 4.0 https://commons.wikimedia.org/w/index.php?curid=37435460

On August 6, 1991, Tim Berners-Lee posted on the public alt.hypertext newsgroup. This is now considered to be the official start of the World Wide Web as a public project.



Ken Schwaber and Jeff Sutherland present a paper on "The SCRUM Development Process" at OOPSLA. "Bombastic" 1995 "Always" Shaggy - Bon Jovi 1995 Sun Microsystems released Java.

Larry Page and Sergey Brin founded Google Inc. on September 4.



"Suggestions" - System of a Down

1999

"Livin' la Vida Loca" – Ricky Martin

1998



Salesforce.com is considered the pioneering "Software as a Service" (SaaS) first company.



VMware releases the first x86 hypervisor for virtualization. 2001 the first server hypervisor product is launched.



"I want it that way"
- Backstreet Boys

2000

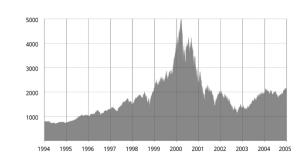
"Smooth" / "Maria Maria" - Santana

1999

The iSCSI protocol draft was submitted to the IETF by IBM and ratified in 2003.



The dot-com bubble was a speculative bubble that focused on the stock market of internet companies, in the late 1990s. It reached its peak in March 2000 before bursting and leading to significant losses for investors.



"Higher"
- Creed

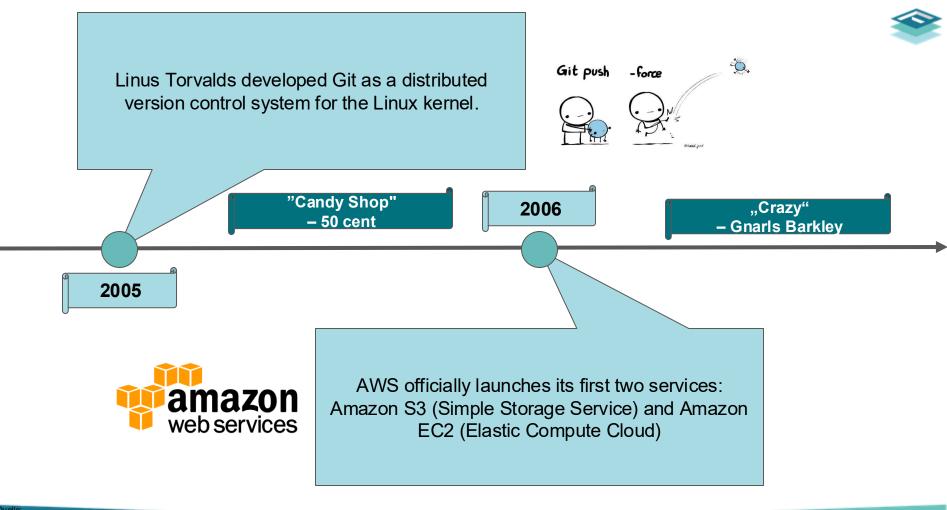
2001

"Fallin" – Alicia Keys

2000



17 software developers meet at Snowbird resort in Utah to formulate the Agile Manifesto, establishing agile principles for software development.



KVM (Kernel-based Virtual Machine), lead by Avi Kivity, integrated into the Linux Kernel.



"Umbrella" – Rihanna feat. Jay-Z

2008

"Viva La Vida" – Coldplay

2007



Linux Kernel 2.6.24 introduces cgrounnamespaces.



GitHub was founded as a platform for Git repositories by Tom Preston-Werner, Chris Wanstrath, P. J. Hyett, and Scott Chacon.



"Single Ladies" – Beyoncé

2009

"Poker Face"

– Lady Gaga

2008



Google releases the programming language Go.

The development of the open RISC-V architecture begins at the University of California, Berkeley.



"Rolling in the Deep"
- Adele

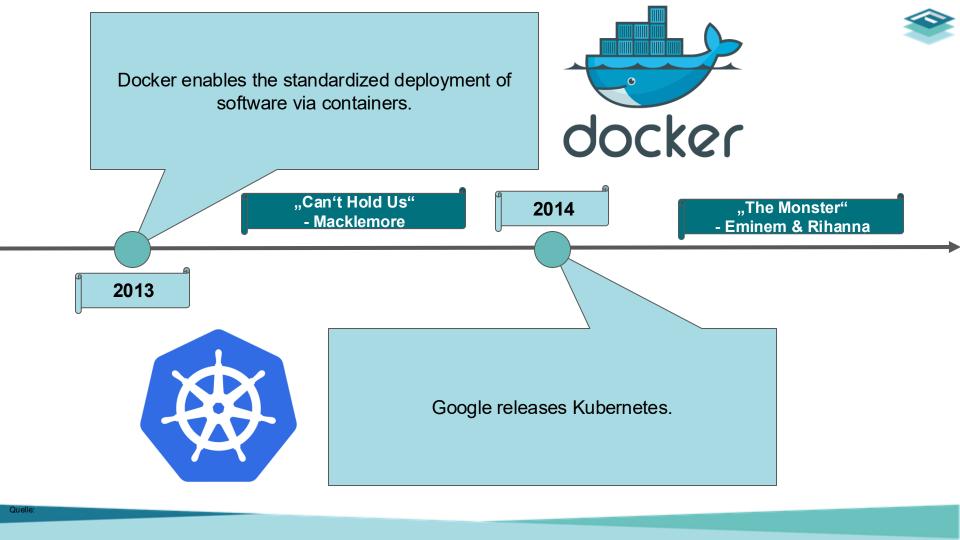
2010

"Hey, Soul Sister" - Train

2010



NASA and Rackspace launch OpenStack as a free cloud platform.





The **first DevOps Days Ljubljana** take place on April 4-5<sup>th</sup> @ City Hotel LJ

DE LOUBLIANA

"Something from Nothing"
- Foo Fighters

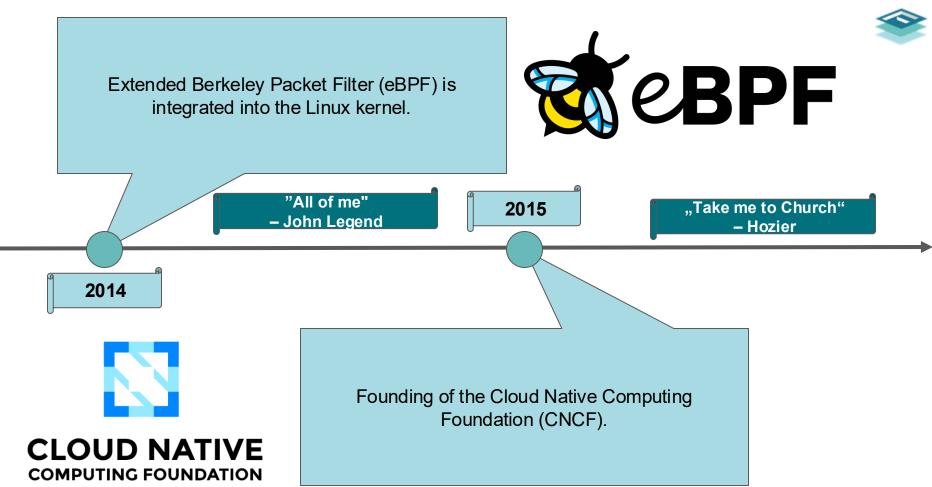
2014

"Edge of Revolution"
- Nickelback

2014



Apple releases the Swift programming language in September of 2014.





First KubeCon takes place in November in San Francisco.

**Tickets** 

Super Early Bird

This is a special offer for the first 100 tickets sold! Act fast!

Early Bird

Prices in USD

\$350 EXPIRED

EXPIRED

"That's the spirit"
- Bring me the Horizon

2015

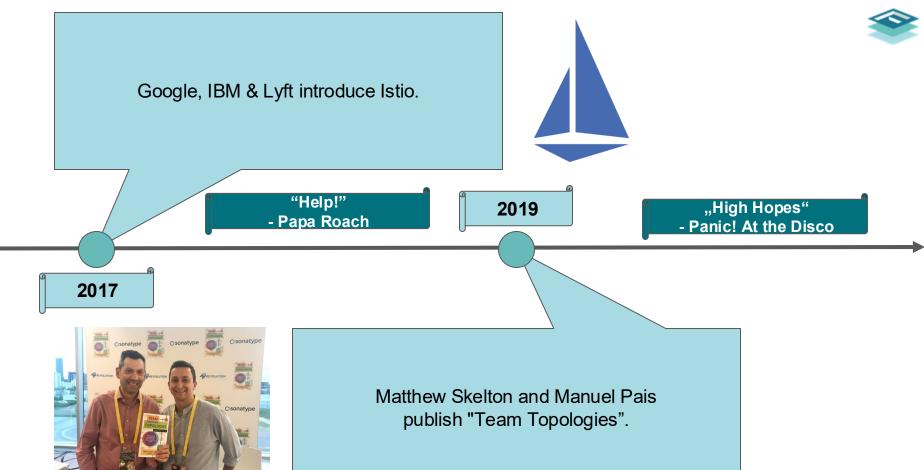
"Can't feel my face"
- The Weeknd

\$400

2015



Mozilla releases the programming language Rust







OpenTracing and OpenCensus merge to form OpenTelemetry.



"You'll never find me" – Korn

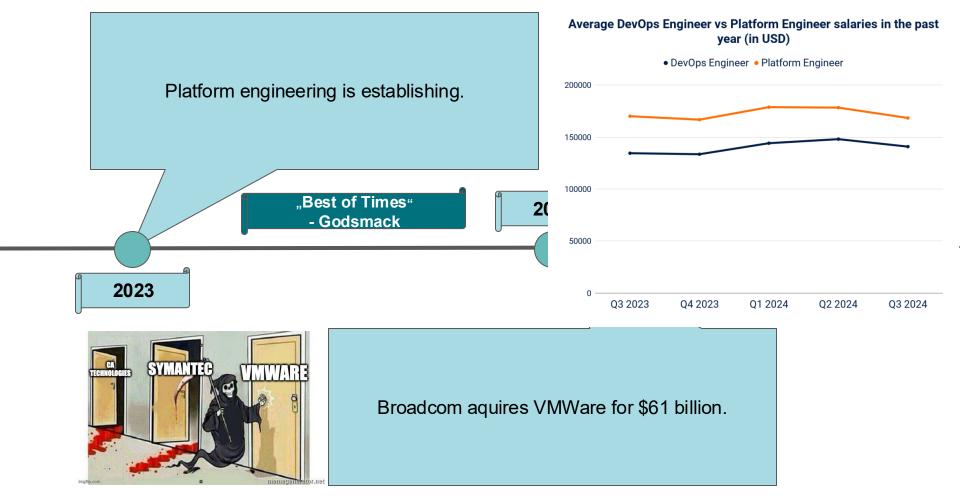
2020

"Bad Decisions" - The Strokes

2019



SolarWinds Cyberattack





Meta releases Ollama. .. and Al is everywhere



"Thing in the Cage" - Lordi

2023

"We didn't start the fire" - Fall Out Boy

2023





First KCD Austria in September 2023. Cloud Native Austria est. in December 2023.





"Welcome to the Circus" - 5FDP

2025

"Heavy is the Crown"
- Linkin Park

2025



Cloud Native Days Austria 7th – 8th October