

KERNL

KNOWLEDGE ENRICHED NEWS LETTER

DEPT OF COMPUTER SCIENCE



CARBON THE C++ KILLER ?

Carbon is a new programming language that was recently announced by Google. The official drop date for Carbon is July 19, 2022. Google's Carbon is a general-purpose programming language designed to prosper C++.

C++ is having difficulty evolving to satisfy the needs of programmers. The accumulated technical debt over many years is a major factor in this. As a result of technical debt and other obstacles in its evolution process, making improvements to C++ is a herculean task. Avoiding direct inheritance from C or C++ is the best way to address these issues.

F14

The World's First Microprocessor was designed and developed from 1968-1970. This highly integrated computer chipset was designed for the US Navy F14A "TomCat" fighter jet by Mr. Steve Geller and Mr. Ray Holt as part of a design team while working for Garrett AiResearch Corp under contract from Grumman Aircraft, the prime contractor for the US Navy. The MOS-LSI chips, called the MP944, were manufactured by American Microsystems, Inc of Santa Clara, California.

THE RISE OF THE DARQ ERA

As we approach the digital era, companies will have to adapt to a new set of advanced and emerging technologies in order to compete and differentiate themselves in the technological industry. This is exactly where DARQ comes into play!

D – Distributive Ledger Technology

DLT is a digital system that records transactions related to assets. It provides a base for new technologies like cryptocurrency and blockchains.

A – Artificial Intelligence

AI is the simulation of human intelligence processes by machines.

R – Extended Reality

XR encapsulates augmented reality,

Q – Quantum Computing

Quantum Computing will find ways to solve the hardest computational problems

SURREAL , THE ULTIMATE CLOUD DB.

SurrealDB is the next generation of serverless databases, its SQL-like query language, its real-time queries with highly-efficient related data retrieval, its advanced security permissions for multi-tenant access, and its advanced security.

SurrealDB is a cutting-edge NewSQL cloud database that can be used with a wide variety of applications, including serverless ones, jamstack ones, single-page ones, and more conventional ones.

It can be used in the cloud, on-premises, embedded, and at the edge of the network, making it extremely flexible and cost-effective.