Testing CUBESATs w.r.t AI + Rust + Zircon + Z3-rs + QRNG + its Related Software Tools like MongoDB-rs/Others -> A Short Technical Communication on Space Electronics R&D involving Smart Devices + IoT + HPC Heterogeneous Systems.

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[I] Main Idea + Inspiration + Introduction :

Reimplement Zircon microkernel in Rust w.r.t CUBESAT Electronics R&D based on the above mentioned Rust + its Related Software Tools.

[II] R&D Informatics TESTBED w.r.t CUBESAT Electronics + RUST Programming Language :

https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io/blob/master/Nirmal-CUBESAT-HOL-Scala-Java-JVM-2020.pdf -> One of our main R&D Frameworks targeting CUBESATs Using HOL & JVM based Computing Tools.

Do you need more information than this ? Please start working.We are testing some concepts using Rust Programming Language.

Thanks for understanding - Dr.Nirmal.

[III] Important & Useful References :

[a] https://fuchsia.dev/fuchsia-src/development/kernel/getting_started#via_zirconboot

[b] https://github.com/rcore-os/zCore && [c] https://github.com/prove-rs/z3.rs

[d] https://github.com/prove-rs/z3.rs && [e] https://github.com/aldanor/qrng-rust -> Quasi-Random Sequence Generators in Rust

[f] https://github.com/tejdnk-2019-ShortNotes/tejdnk-Space-Medicine-Informatics-github.io -> **See our CUBESAT Notes.**

[g] https://blog.exodusorbitals.com/2019/06/14/a-programming-language-for-extraterrestrial-applications/

[h] https://blog.logrocket.com/machine-learning-in-rust-using-linfa/ && [i] https://smartcorelib.org/

[j] https://dornerworks.com/blog/strengthen-your-sel4-userspace-code-with-rust/

[IV] Acknowledgment/s :

Sincere Thanks to all WHO made this happen in my LIFE. Non-Profit R&D.Inspire Others Always.

[V] Conclusion/s With Future Perspectives :

Advanced Testing of CUBESATs based on Smart Devices + IoT + HPC Systems.One of the pioneering R&D Efforts.

[THE END]