

# **RUST based Cyclotomic Fields in JVM Computing Environments w.r.t -> RUST + JVM/ JamVM + JikesRVM - Research Virtual Machine [RVM]/OpenJIT - Compiler System/ JI Prolog/LINFA/Smartcore/Kubernetes -> Towards Implementing Next Generation Imaging + Information Processing Algorithms.**

**[ Revisiting : RUST with Java + Scala + JVMs -> Towards Designing Robust Next Generation Intelligent IoT Applications ]**

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## **[I] Main Idea + Inspiration + Introduction :**

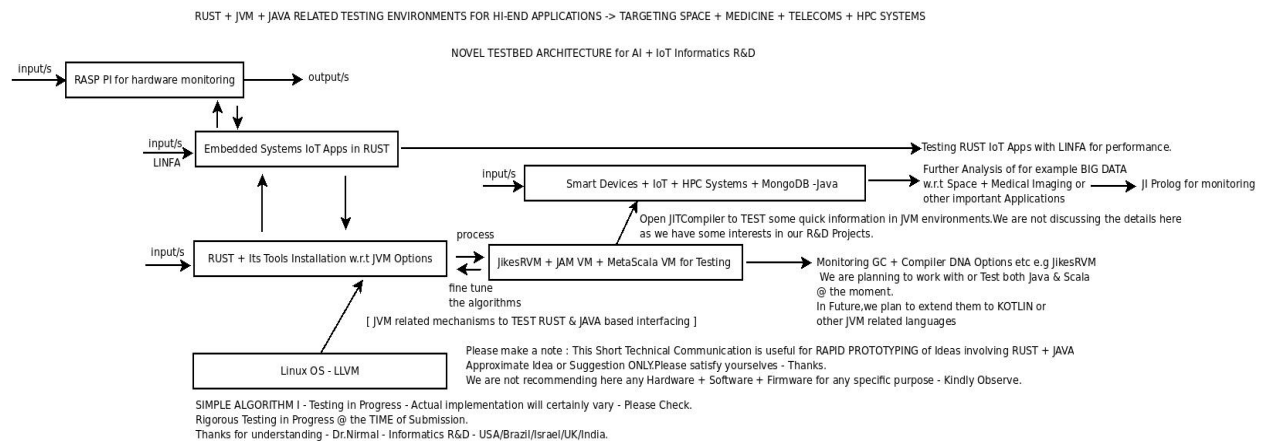
<https://internals.rust-lang.org/t/rust-as-a-library-language/8811> ; <https://blog.frankel.ch/start-rust/7/> ; <https://www.openjit.org/>

<https://www.jikesrvm.org/> ; <http://jamvm.sourceforge.net/> ; <https://github.com/lihaoyi/Metascala> ; <https://www.graalvm.org/>

<http://www.jiprolog.com/> ; <https://crates.io/crates/linfa> ; <https://github.com/smartcorelib/smartcore> ;

<https://silvia-odwyer.github.io/photon/> && <https://github.com/CyclotomicFields/cyclotomic> -> **Main Tools to TEST our Ideas.**

## **[II] R&D Informatics Framework with RUST + JVM + Java + Scala Related Software Tools :**



**[ Figure I - Algorithm I - RUST + JVM + JAVA Related Hi-End Computing Environments Testing ]**  
**[ Just Fine Tune -> Our R&D Algorithm Presented Here ]**

## **[III] Interesting & Useful References :**

[a] <https://github.com/tejdnk-2019-ShortNotes> - **lot of examples on the JVM related topics.**

[b] <https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics> -> **Please see -> RUST based Technical Notes.Thanks.**

## **[IV] Acknowledgment/s :**

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

## **[V] Conclusion/s + Future Perspectives :**

Very important R&D Effort. One of the pioneering research efforts using Rust + JVM + Java ::-> Towards Testing AI + IoT Informatics.

**[ THE END ]**