Exploring Firmware Development w.r.t Very Large-scale Embedded Systems : Focusing on R&D Algorithms for Advanced Testing of Complex Firmware -> Targeting : Space + Medicine + Telecoms + HPC/IoT Systems Domains.

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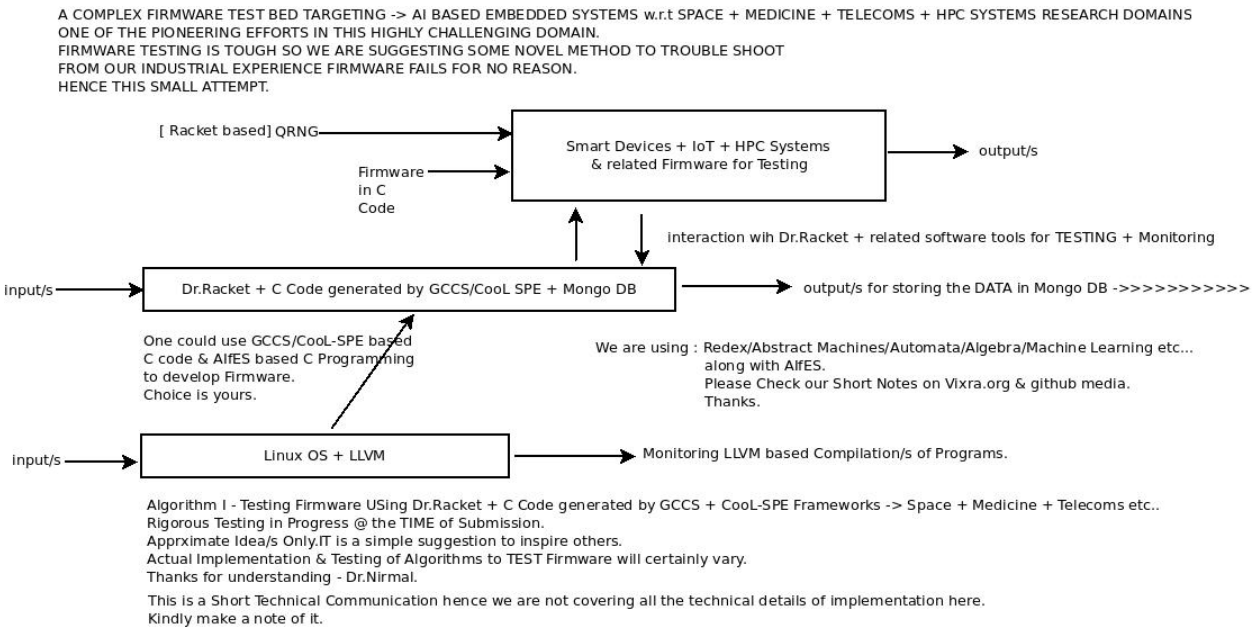
[A] Main Idea + Inspiration + Introduction :

https://link.springer.com/content/pdf/10.1007/s10664-017-9524-2.pdf

[B] R&D Informatics Framework to TEST Firmware :



[Figure I - Algorithm I - Complex Firmware Testing w.r.t AI based Embedded Systems Using Racket + AIfES + GCCS]

[C] Important & Useful References :

[i] http://gentle.compilertools.net/applications.html

[ii] https://www.ims.fraunhofer.de/en/Business-Unit/Industry/Industrial-AI/Artificial-Intelligence-for-Embedded-Systems-AIfES.html

[iii] https://docs.racket-lang.org/redex/index.html

[iv] https://github.com/tejdnk-2019-ShortNotes - Plenty of Examples - Thanks for Understanding - Dr.Nirmal.

[D] Acknowledgment/s: Sincere Thanks & Best Wishes to all.Non-Profit R&D.Inspire others always.

[E] Conclusions With Future Perspectives : Very interesting general approach R&D -> Targeting Complex Embedded Systems w.r.t Firmware Using Dr.Racket + C Programming Language generated by the GENTLE Compiler System Language & Framework.

[THE END]