

CUBESAT CONTROL SOFTWARE USING GENTLE/MINIX OS + DeepStack AI Server + JAVA/JikesRVM/Linux OS -> A Short Communication.

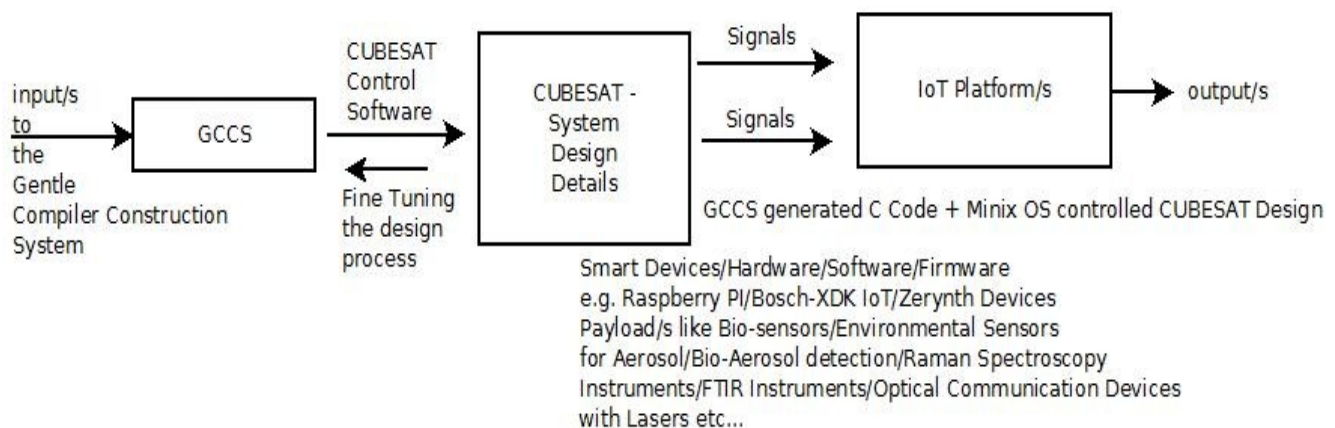
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[I] Abstract + Main Idea + Inspiration as Informatics R&D Frameworks :

Generating CUBESAT Control Software based on Hardware(ARM)/Bosch-XDK-IoT/Raspberry PI/QRNG/
HPC R&D Specialized Requirements Using Gentle Compiler Construction System (GCCS)/Minix-OS /
Eclipse-IDE/JikesRVM-Research Virtual Machine(RVM) -> An Interesting Observation + Simple Suggestion.

Simple Informatics Platform for Designing Novel Space Applications involving rigorous R&D in the Context of
CUBESATs.

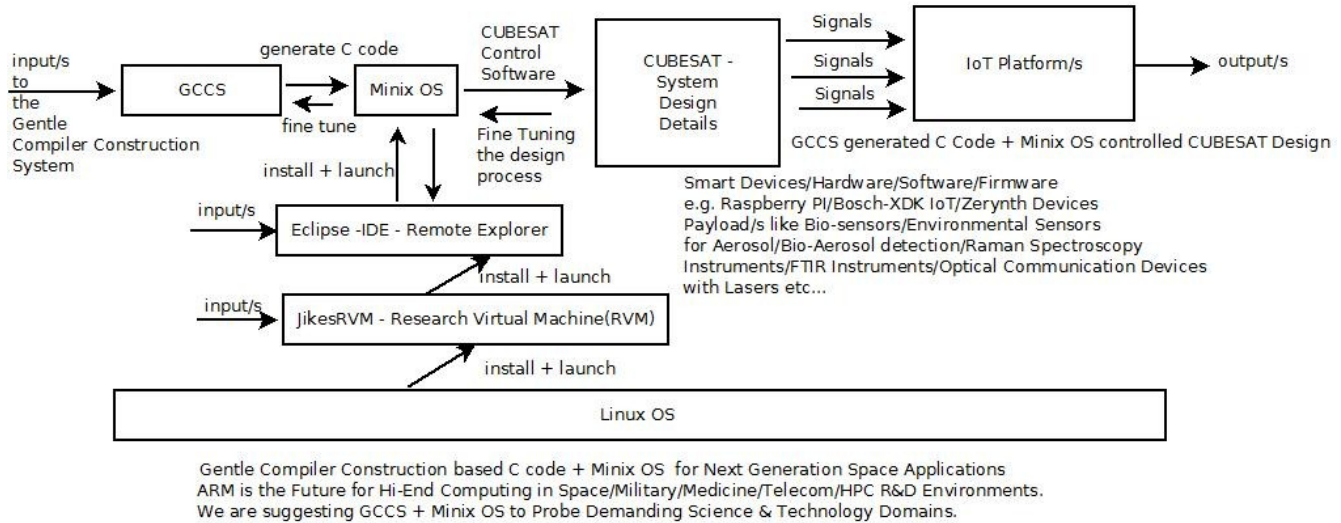


Gentle Compiler Construction based C code +Minix OS for Next Generation Space Applications

[Figure I – Algorithm I – GCCS + Minix OS based Informatics Framework for our R&D]

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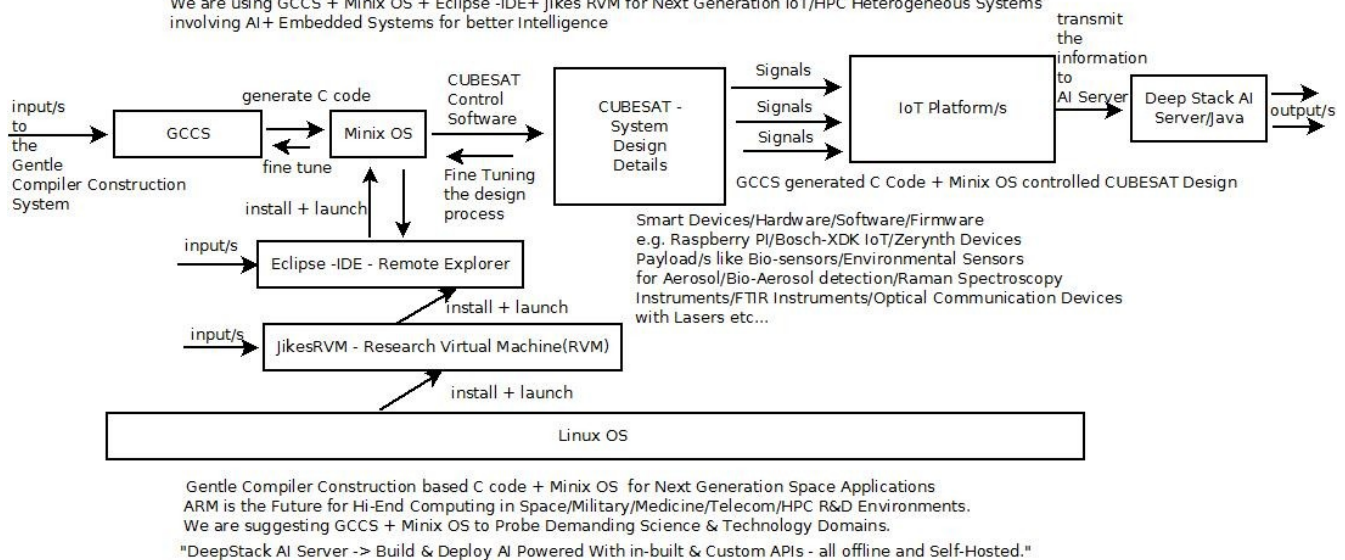
We are using GCCS + Minix OS + Eclipse -IDE+ Jikes RVM for Next Generation IoT/HPC Heterogeneous Systems involving AI+ Embedded Systems for better Intelligence



[Figure II – Algorithm II – GCCS + Minix OS + Eclipse-IDE+JikesRVM based Informatics Framework for our R&D]

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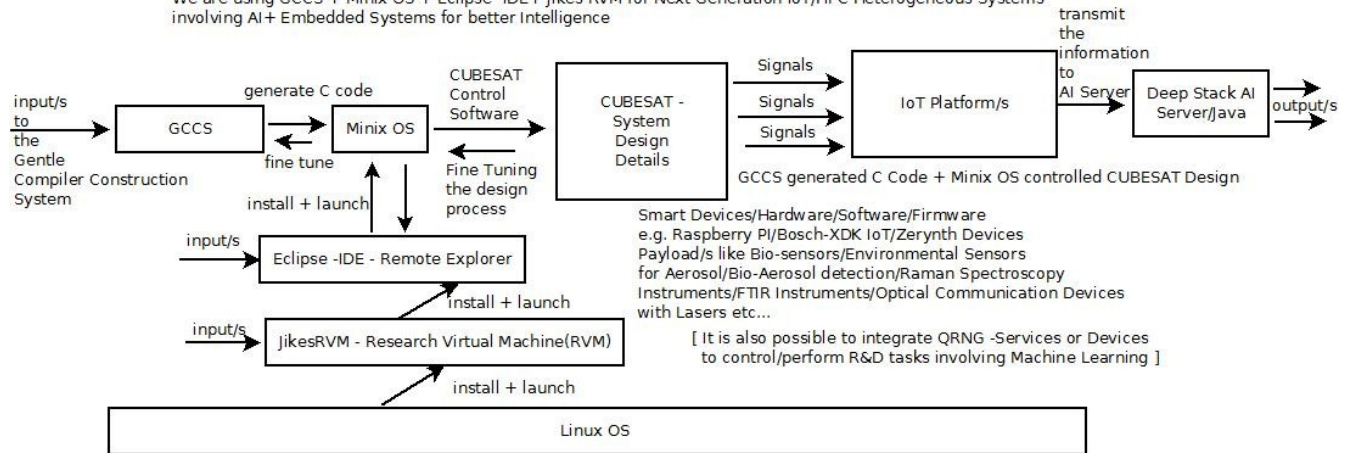
We are using GCCS + Minix OS + Eclipse -IDE+ Jikes RVM for Next Generation IoT/HPC Heterogeneous Systems involving AI+ Embedded Systems for better Intelligence



[Figure III – Algorithm III – GCCS + Minix OS + Eclipse-IDE+JikesRVM+DeepStack AI Server with Java option for our Informatics R&D]

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Gentle Compiler Construction based C code + Minix OS for Next Generation Space Applications
ARM is the Future for Hi-End Computing in Space/Military/Medicine/Telecom/HPC R&D Environments.
We are suggesting GCCS + Minix OS to Probe Demanding Science & Technology Domains.
"DeepStack AI Server -> Build & Deploy AI Powered With in-built & Custom APIs - all offline and Self-Hosted."

[Figure IV – Algorithm IV – GCCS + Minix OS + Eclipse-IDE+JikesRVM+DeepStack AI Server with Java + QRNG option for our Informatics R&D]

**** Approximate Implementation of our Algorithms is presented here – Actual Implementation Will Certainly Vary.Please Check & Satisfy Yourselves. Thanks for understanding – Dr.Nirmal.**

Special Thanks to all My Mentors+Friends+Collaborators. Non-Profit R&D.

[THE END]