## RASPBERRY PI + JVM Related Tools in the Context of CUBESAT Control & Multimedia Systems for Advanced Informatics.

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## [I] Abstract+Main Idea+Inspiration:

Raspberry Pi in Space → Putting the Linux PC into orbit Using Java/Kotlin/Android/JVM/JikesRVM-Research Virtual Machine in the Context of CUBESAT Control System/Signals/Imaging/IoT/HPC Systems – A Simple Design of TEST BED Architecture.

## [II] CUBESAT R&D Informatics Framework Using Hardware+Software+Firmware:

A Simple Idea to Test CUBESAT based Multimedia Informatics R&D JI Prolog Monitor the input/s with JI Prolog input/s CUBESAT Control System+RASPBERRY PI process & transmit for Advanced Signal Processing+ IoT/HPC/ the required/necessary Image Processing etc.. Smart Devices transmit + related Mongo DB +Java store the install + launch Hardware/ important data Software/firmware in Mongo DB using Java input/s Java/Kotlin/Android/JVM/JikesRVM-Research Virtual Machine etc... process + transmit the information to IoT/HPC/Smart Devices install + launch Linux OS JI Prolog Monitor the output/s with II Prolog

 $RASPBERRY\ PI+JVM\ Languages\ in\ the\ Context\ of\ CUBESAT\ Control\ Multimedia\ Systems\ for\ Advanced\ JI\ Prolog\ Monitored\ Informatics.$ 

ALGORITHM I - Design Testing & Implementation of CUBESAT TEST BED for Multimedia Informatics

TO THE BEST OF OUR KNOWLEDGE THIS COMMUNICATION IS ONE OF THE PIONEERING R&D EFFORTS IN TESTING
MULTIMEDIA SYSTEMS ON-BOARD CUBESAT USING JVM RELATED TECHNOLOGIES.

[ Figure I – Algorithm I – Multimedia Systems Testing Using JVM Related Technologies on-board CUBESAT – Please Check my Notes on Vixra.org for more information – Thanks. ]

## [III] Acknowledgment/s:

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[THE END]