CUBESAT Design + Development + Testing Using DLANG -> Embedded Systems/AI/Machine Learning(ML)/Image Processing/Computer Vision Related R&D Algorithms.

[Exploring DLANG in the Context of Testing Complex Systems -> CUBESAT for Next-Gen Space Tech R&D]

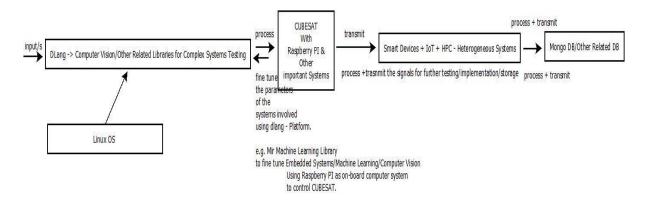
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[I] Simple Idea on CUBESAT Using Above Mentioned Informatics Framework:

AN INTERESTING CUBESAT INFORMATICS FRAMEWORK TO TEST VARIOUS HARDWARE/SOFTWARE/FIRMWARE CONFIGURATIONS USING DLANG AS A PROGRAMMING LANGUAGE.



Complex Systems Testing With Dlang based Test Bed Architecture - CUBESAT & its Electronics/Cameras/Other Systems - Payload etc..

Simple Algorithm - Testing in Progress With Promising Results.

Could be Useful in Future RASPBERRY PI based CUBESAT Systems Testing.

[Figure I – Complex Systems Testing Using DLANG & its Related Software Tools]

[https://dlang.org/areas-of-d-usage.html - We are Testing With Operating Systems/Other Tools developed using dlang on our CUBESAT Systems]

[e.g. Trinix is a true networking, modular operating system with microkernel architecture written in D language – We are Testing extensively on our CUBESAT Designs involving Raspberry PI +Other Smart Devices for use in Space Tech R&D Domains]

[II] Our Acknowledgment/s:

Sincere Thanks to all my Mentors + Friends + Collaborators. Non-Profit R&D. Thanks for reading our Short Technical Communication on CUBESAT Design.

[THE END]