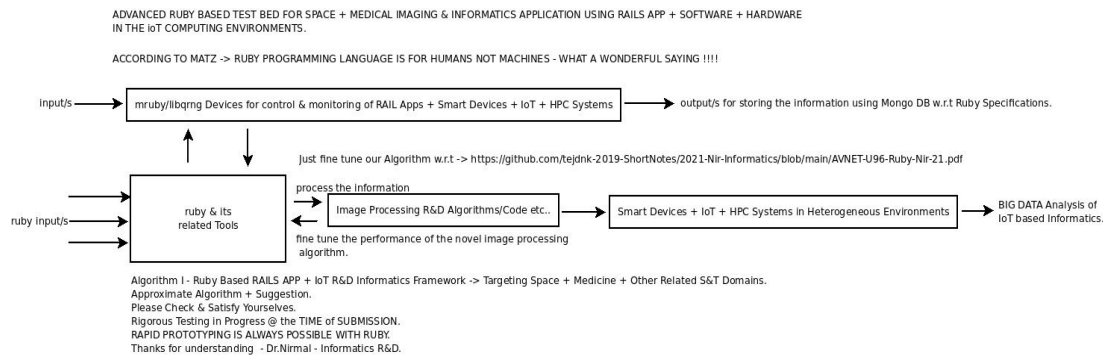# Testing Ruby & its Related Tools w.r.t Smart Devices + IoT + HPC Heterogeneous Systems - A Simple Suggestion for a better Imaging Processing R&D involving -> S&T Domains of Space + Medicine.

Nirmal - Informatics R&D - USA/UK/Israel/Japan/Germany/BRICS Group of Nations.
Current Member - ante Inst UTD Dallas TX USA.
Contact_info - hmfg2014@gmail.com

[I] Main Idea + Inspiration + Introduction :

https://www.cognitiveclouds.com/insights/how-to-send-data-from-a-rails-application-to-an-iot-device/ -> Very useful information.

[II] R&D Informatics Framework Using Ruby + its Related Tools :

ADVANCED RUBY BASED TEST BED FOR SPACE + MEDICAL IMAGING & INFORMATICS APPLICATION USING RAILS APP + SOFTWARE + HARDWARE IN THE IoT COMPUTING ENVIRONMENTS.

ACCORDING TO MATZ -> RUBY PROGRAMMING LANGUAGE IS FOR HUMANS NOT MACHINES - WHAT A WONDERFUL SAYING !!!!

input/s → mruby/libqrng Devices for control & monitoring of RAIL Apps + Smart Devices + IoT + HPC Systems → output/s for storing the information using Mongo DB w.r.t Ruby Specifications.

Just fine tune our Algorithm w.r.t -> https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/AVNET-U96-Ruby-Nir-21.pdf

ruby input/s → ruby & its related Tools

process the information

Image Processing R&D Algorithms/Code etc.. → Smart Devices + IoT + HPC Systems in Heterogeneous Environments → BIG DATA Analysis of IoT based Informatics.

fine tune the performance of the novel image processing algorithm.

Algorithm I - Ruby Based RAILS APP + IoT R&D Informatics Framework -> Targeting Space + Medicine + Other Related S&T Domains.
Approximate Algorithm + Suggestion.
Please Check & Satisfy Yourselves.
Rigorous Testing in Progress @ the TIME of SUBMISSION.
RAPID PROTOTYPING IS ALWAYS POSSIBLE WITH RUBY.
Thanks for understanding - Dr.Nirmal - Informatics R&D.

[Figure I - Algorithm I - R&D Informatics Framework Using Ruby + RAILS APPS + IoT Systems]

[III] Important & Useful References For Your Information :

[a] https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics - > Lot of examples.

[b] https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/AVNET-U96-Ruby-Nir-21.pdf*****

[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 : { One of the pioneering efforts in this highly challenging domains of Space + Medicine.
Rigorous Testing in Progress @ the time of Submission.Thanks for encouraging us.
Hope to see many more papers in this domain based on Ruby + Tools }

[THE END]