Understanding and Testing [E Theorem Prover(ETP) +dlib+Ruby+LLVM+Rubinius+GraalVM] in the context of DICOM/Medical Imaging & Informatics Platform - A Simple Novel Suggestion on Using Machine learning [ML] Concepts in Hi-End Heterogeneous Computing Environments involving [LLVM-Ruby/IoT/HPC] Hardware/Software/Firmware.

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[I] Inspiration & Introduction :

http://vixra.org/author/nirmal_tej_kumar
http://vixra.org/author/nirmal
http://vixra.org/author/n_t_kumar

http://vixra.org/author/d_n_t_kumar
http://vixra.org/author/dnt_kumar
https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4942392
dicom.github.io/ruby-dicom/ && https://github.com/dicom/ruby-dicom

Ruby Programming for Medicine and Biology

https://books.google.co.in/books?isbn=0763750905
https://www.openhub.net/p/ruby_dicom
https://www.sitepoint.com/ruby-on-medicine-converting-dicom-to-jpg/
**http://dicomiseasy.blogspot.com/2011/10/introduction-to-dicom-chapter-1.html**

Formalizing Image Processing in Higher Order Logic(hol) by Understanding and Using XML-Hol-Scala-JVM Software Framework Towards Processing of Cryo-Em/tem/sem Images Based on Levy Processes a Novel Suggestion.

[https://www.semanticscholar.org/author/D.N.T.Kumar/72428440]

[II] Informatics Framework :
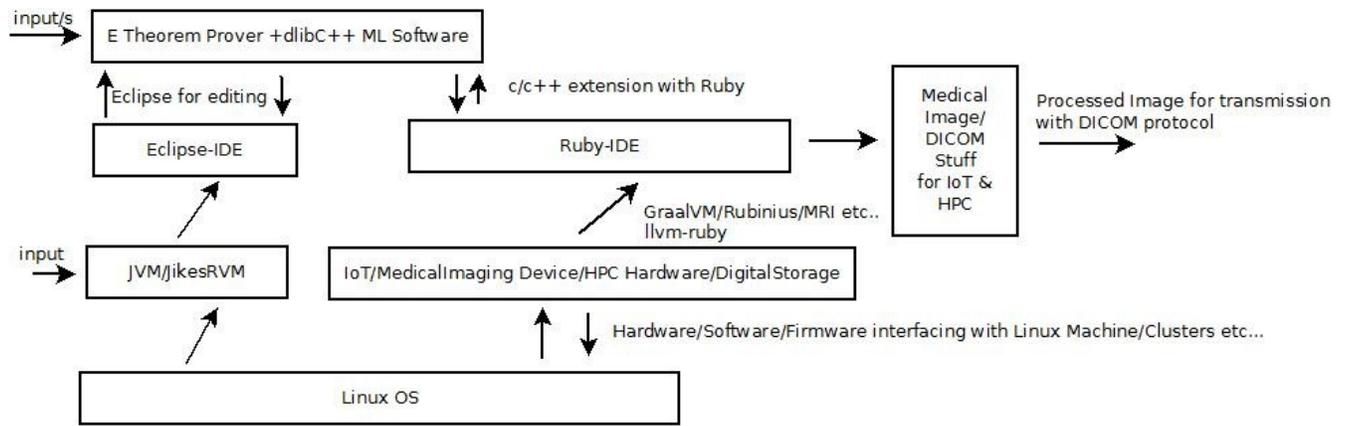
Approximate Simple Suggestion Explaining our Total Overview - Novel Approach in DICOM related Medical Imaging Platforms based on Machine Learning Algorithms in Complex Computing Hi-End Environments.

{ Actual Implementation Will Vary to Some Extent - PleaseCheck -Thanks -Nirmal on 31st-May-2019 }

Figure I – Our Block Diagram Explaining our Novel Situation – Testing in Progress.

*" Machine learning is a technique for recognizing patterns that can be applied to medical images. Although it is a powerful tool that can help in rendering medical diagnoses, it can be misapplied. ... Machine learning has been used in medical imaging and will have a greater influence in the future.*Machine Learning for Medical Imaging | RadioGraphics *RSNA Publications Online."*

"Machine Learning for Medical Imaging"

- Bradley J. Erickson , Panagiotis Korfiatis, Zeynettin Akkus, Timothy L. Kline

Author Affiliations/Published Online:Feb 17 2017https://doi.org/10.1148/rg.2017160130

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[III] Acknowledgment/s :

Special Thanks to all Who made this happen in my LIFE. Non-Profit Academic R&D Only.

[IV] Reference/s :

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http://dlib.net/

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https://www.engineyard.com/blog/improving-the-rubinius-bytecode-compiler

https://llvm.org/

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https://github.com/ruby-llvm/ruby-llvm

https://www.it.uu.se/edu/course/homepage/ai/vt05/AI-theorem.html

THE END.