[Julia+Flux-ML Library+Polly-LLVM+QRNG Services/Quantum Devices+qrng library] in the Context of Understanding [Machine Learning-ML/Internet of Things-IoT/HPC - High Performance Computing] based Advanced Medical Imaging Software R&D - A Simple & Useful Suggestion.

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[I] Inspiration + Introduction :

http://vixra.org/pdf/1909.0170v1.pdf

http://vixra.org/pdf/1908.0598v1.pdf

http://vixra.org/pdf/1907.0306v1.pdf

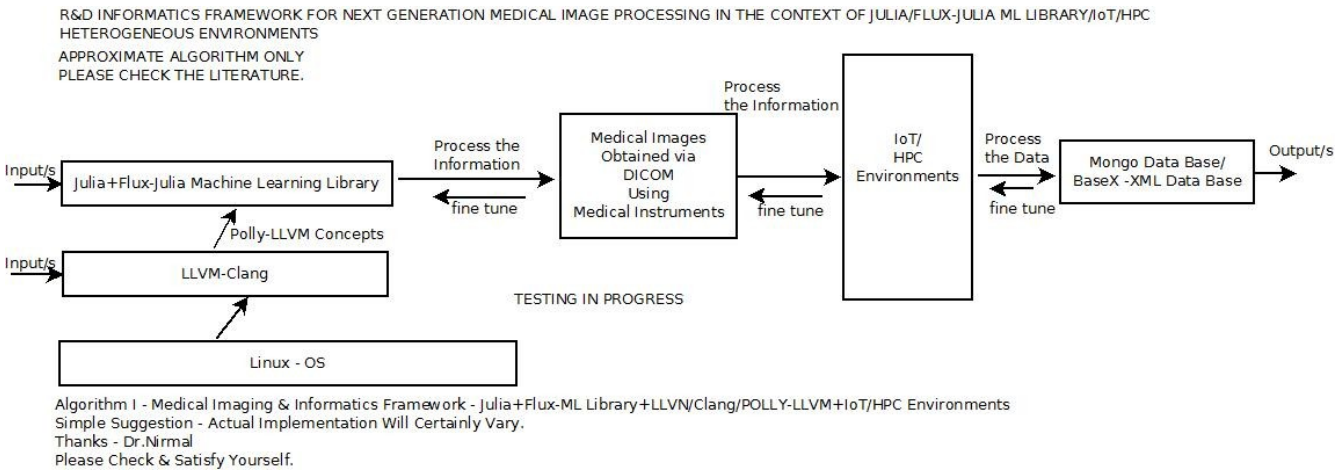
http://vixra.org/pdf/1908.0301v1.pdf

http://vixra.org/pdf/1909.0102v1.pdf

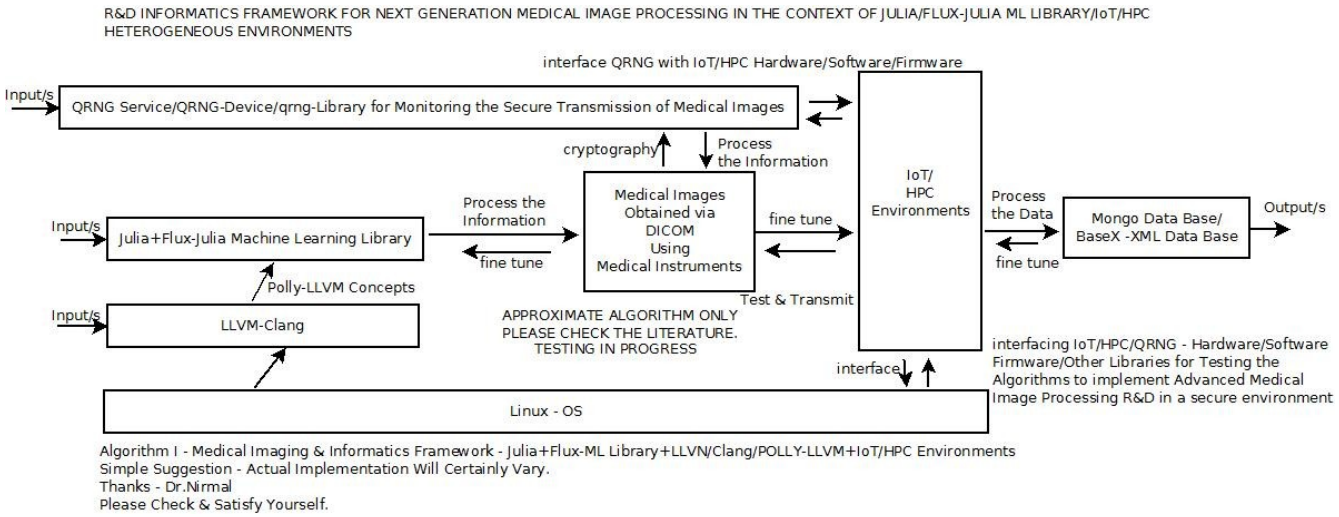
http://www.vixra.org/abs/1908.0012

http://www.vixra.org/abs/1907.0201 – Some Notes on Julia

[II] R&D Medical Images Processing Informatics Framework Implementation :



[Figure I – Algorithm I – Medical Image Processing& Informatics Framework based on Julia/Flux-ML+LLVM]



[Figure II – Algorithm II – Medical Image Processing& Informatics Framework based on Julia/Flux-ML+LLVM]
Understand QRNG Services/Devices before using the Algorithm II.Thanks.

[III] Related R&D Information on Mathematics+Software Used/Useful :

[a] https://julialang.org/

[b] http://polly.llvm.org/projects.html

[c] http://www.vixra.org/author/nirmal_tej_kumar

[d] http://www.vixra.org/author/n_t_kumar

[e] http://www.vixra.org/author/d_n_t_kumar

[f] http://www.vixra.org/author/nirmal

[g] https://www.semanticscholar.org/author/Nirmal-Tej-Kumar/12354503/suggest

[h] *qrng.physik.hu-berlin.de - This is a joint R&D effort of PicoQuant GmbH and the Nano-Optics groups at the Department of Physics of* ***Humboldt University,Germany****.*

https://www.picoquant.com/news/item/high-bit-rate-quantum-random...

*https://quantiki.org/wiki/****quantum-random-number-generators***

qrng.anu.edu.au/About.php

https://www.idquantique.com

https://pypi.org/project/qrng/ – **A Quantum Random Number Generator using IBM's Qiskit.**
https://juliacomputing.com/domains/ml-and-ai.html
https://fluxml.ai/Flux.jl – **ML/AI – Julia based Libraries.**

[IV] Acknowledgment/s :

Special Thanks to my Friends+Mentors+Collaborators Worldwide. Non-Profit R&D.

[V] Conclusion/s+Future Perspectives -

"Julia is fast! Julia was designed from the beginning for high performance. Julia programs compile to efficient native code for multiple platforms via LLVM". Hence, this simple presentation on Using [Julia/Flux-ML/Poly-LLVM/QRNG] Related Concepts in the Context of [ML/IoT/HPC/Medical Images Processing].

[THE END]