

Probing -> Python + Java + Image Processing Novel R&D Algorithms -> Towards Exploring Exascale Machine Learning & Computing.

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[!] Abstract :

Imagej/JikesRVM-Research Virtual Machine + Keras + QRNG-Python Services -> Moving Towards Exascale Computing in the Context of Electron Microscopy(EM) Image Processing + Informatics R&D Framework Using Python +Java -> A Simple Suggestion as Short Technical Notes Probing Various Next Generation HPC Software Tools.

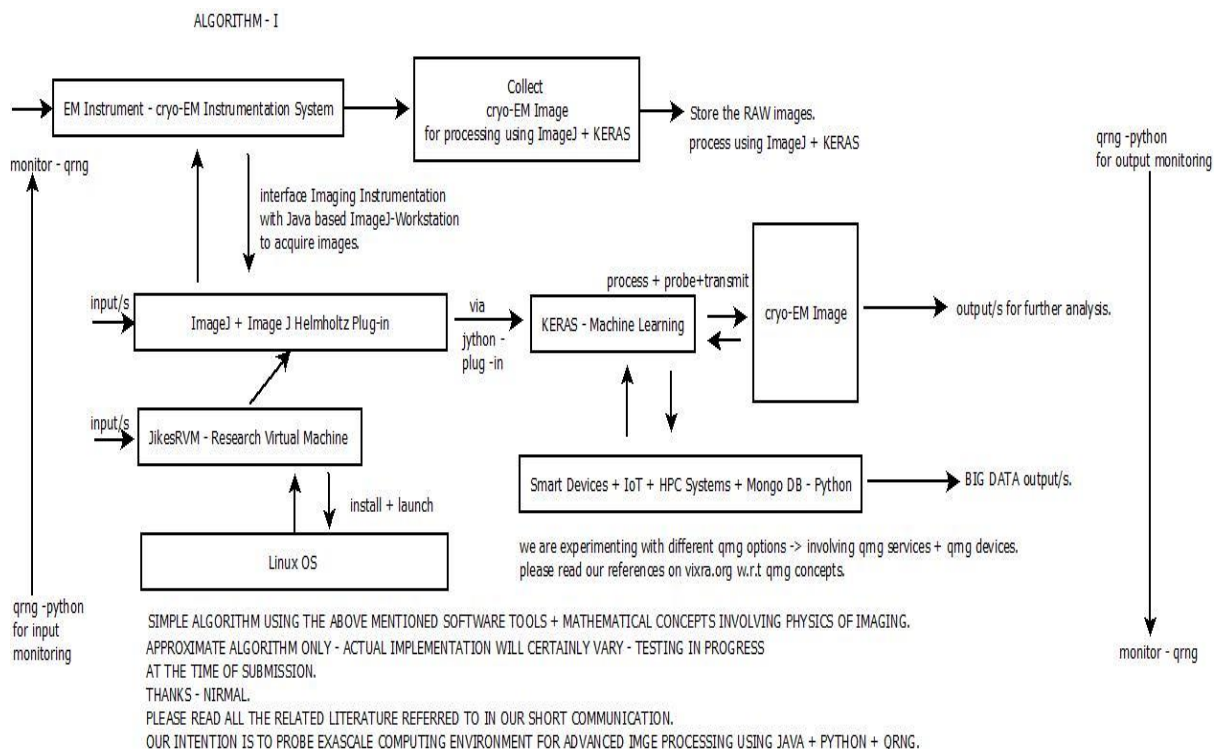
index words/key words : Guess easily from the above.

[II] Inspiration + Main Idea :

Designing Informatics Framework with : Smart Devices + IoT + HPC Systems With Python + Java is highly useful. In fact, it is the future in the context of HPC based Heterogeneous Computing.

Python & Java based Image Processing Algorithms are derived from the following : **Please See our References. We did focus on using Julia for PETASCALE Algorithms-> Hi-End Image Processing.**

[III] Informatics R&D Framework :



[Figure I – Algorithm I – Image Processing Framework With Java + Python + QRNG]

[a] <https://keras.io/>

[b] <https://medium.com/ai-in-plain-english/image-processing-and-classification-with-python-and-keras-c368769bde26#>

[IV] Important Related References (((via))) Vixra.org :

[a] <https://www.vixra.org/pdf/2006.0025v1.pdf>

[b] <https://www.vixra.org/pdf/1911.0428v1.pdf>

[c] <https://www.vixra.org/pdf/1911.0342v1.pdf>

[d] <https://www.vixra.org/pdf/1910.0163v1.pdf>

[e] <https://www.vixra.org/pdf/1909.0102v1.pdf>

[f] <https://www.vixra.org/pdf/1907.0397v1.pdf>

[g] <https://www.vixra.org/pdf/1812.0454v1.pdf>

[h] <https://www.vixra.org/pdf/1803.0124v1.pdf>

[V] Acknowledgement/s :

Sincerely thank all my Mentors + Friends + Collaborators. Non-Profit R&D.

[VI] Conclusion/s With Future Perspectives :

Using ImageJ-Java based Image Processing Software/JikesRVM-Research Virtual Machine/Jython + Keras-Python + QRNG-Python was/is suggested towards designing cryo-EM Image Processing or Medical Images Processing Applications. Let us inspire others. Thanks for reading our Short Technical Notes & Encouragement. To the best of our knowledge, we are publishing one of the pioneering R&D efforts.

[THE END]