Multimedia Informatics R&D in the Context of [HAXE+IMAGEAI+qrng lib-python] towards [AI/ML/IoT/HPC] Heterogeneous Environment/s – An Interesting Insight into [Imaging Mathematics+Hardware Mathematics] based Algorithms Using [Ocaml/Owl/Haxe/Python] Languages.

[Exploring – Next Generation Radiation Oncology Informatics Framework Using the Above Mentioned Tools]

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[I] Inspiration & Introduction :

http://imageai.org/ && *https://www.ibm.com/Data-Science/***Machine***-Learn*
http://caml.inria.fr/ – CAML Language -interesting to read
http://ocaml.org/ – OCAML Language – interesting to read

https://devmesh.intel.com/projects/owl-an-ocaml-numerical-library
https://haxe.org/use-cases/cross-platform-apis/ && https://haxe.org/documentation/platforms/python.html

https://pypi.org/project/qrng/#files - A Quantum Random Number Generator using IBM's Qiskit --->

"**qRNG** is a python package that generates truly random numbers via quantum mechanics. It does this by using IBM's [**QISKit**](https://qiskit.org/) API to communicate with any one of their 3 publicly accessible quantum computers.]".

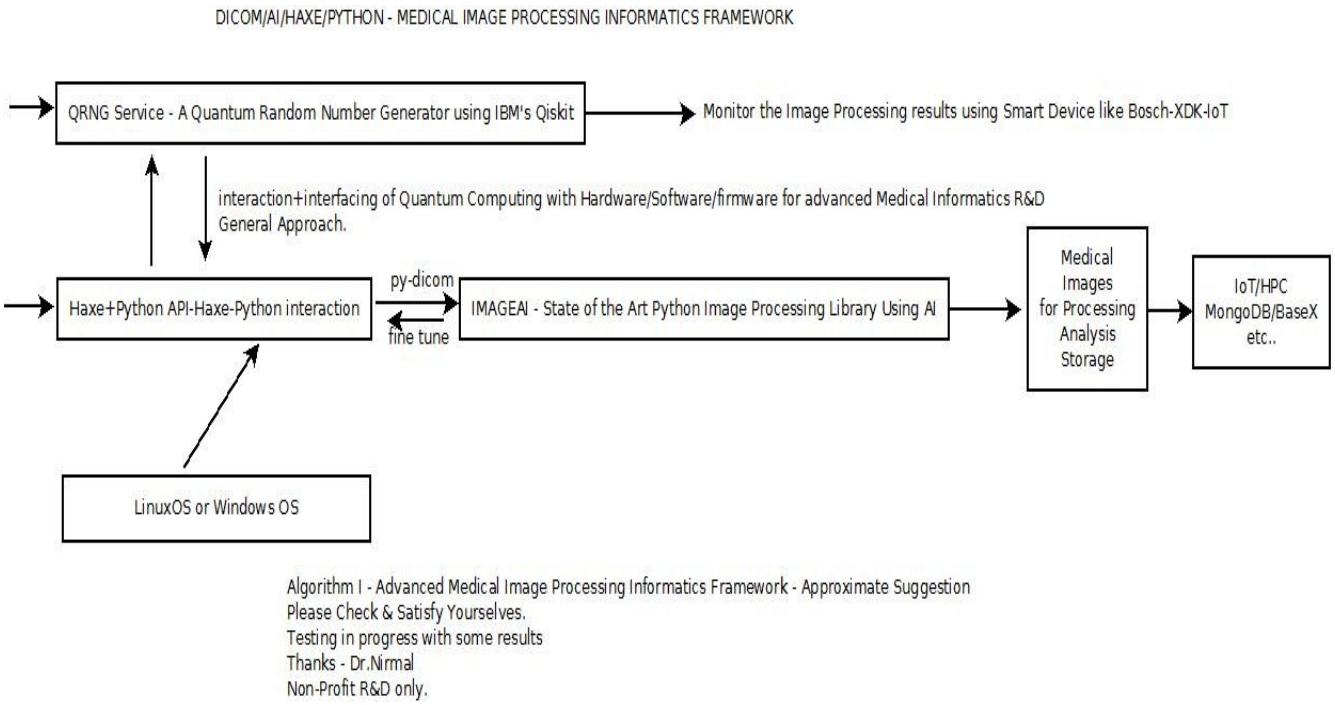
https://steemit.com/programming/@kkaos/haxe-python-tutorial-intro

*https://pypi.org/project/py****dicom***

*https://pyscience.wordpress.com/2014/09/08/****dicom****-****in****-****python****-importing-****medical****-image..*

*GitHub - loli/medpy: Medical image processing in Python - https://****github.com****/loli/medpy*

[II] High Performance R&D Multimedia Informatics Framework & its Approximate Implementation :



[Figure I – Algorithm I – DICOM+HAXE+PYTHON+qrng-pythonlib based Medical Image Processing Platform]

***** Not Recommending any specific – Hardware/Software/firmware/IoT-Devices/HPC configuration here.**
Just for your guidance/information only. Other Options Exist.

[III] Our Related R&D References :

[a] http://vixra.org/author/nirmal_tej_kumar

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

[IV] Acknowledgment/s :

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

[V] Important References :

[a] The most insightful stories about Medical Imaging – Medium – *https://medium.com/tag/medical-imaging*

[b] https://www.zerynth.com/blog/the-rise-of-python-for-embedded-systems

[c] *https://**en.wikipedia.org**/wiki/**Haxe**_(programming_language)* – **Haxe** is a high-level cross-platform multi-paradigm programming language and compiler that can produce applications and source code, for many different computing platforms, from one code-base.

[d] *https://**github.com**/**Haxe**Foundation/**ocamhaxe***

[e] *https://**en.wikipedia.org**/wiki/**OCaml***

[f] *https://**ocaml**.org/learn/success.html*

[g] https://www.silexlabs.org/haxe-and-ocaml-united/

[h] *https://**ocaml**news.blogspot.com/2010/05/**artificial-intelligence-neural-networks**.html*

[i] *https://**github.com**/nihils/MLXO* - A **haXe library** of **machine learning** algorithms, both statisical and neural - nihils/MLXO .

[j] *https://github.com/yminer/libml*

[k] http://caml.mthimm.de/ - Argumentative Machine Learning.

[l] https://ml-research.github.io/ - Machine Learning Information.

[THE END]