## Enzyme AD & Golang Programming Language w.r.t DICOM + Other Image Processing Tools to Process MRI Scans Using Smart Devices + IoT + Kubernetes [ Istio ] + JVM + HPC – High Performance Computing Heterogeneous Systems.

Nirmal – Informatics R&D - USA/UK/Israel/BRICS Group of Nations. Current Member - ante Inst UTD Dallas TX USA. Contact\_info - <a href="mailto:hmfg2014@gmail.com">hmfg2014@gmail.com</a>

## [I] Main Idea + Inspiration + Introduction :

Image Processing With Enzyme AD & GoLang + - Explanations and implementations of image processing algorithms in GoLang.

## [II] Golang based Medical Imaging R&D Informatics Framework :

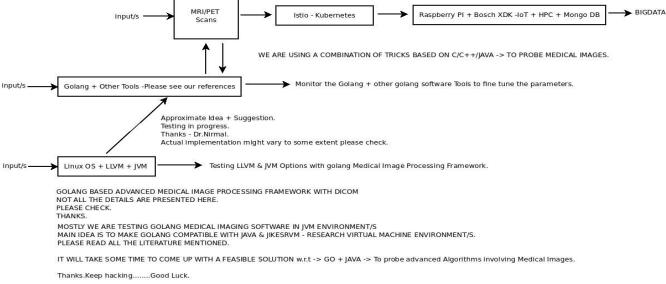
OUR SIMPLE SUGGESTION + IMAGE PROCESSING ALGORITHM IN THE CONTEXT OF GO LANG + JAVA + LLVM + JIKESRVM + KUBERNETES.

TO THE BEST OF OUR KNOWLEDGE THIS SHORT TECHNICAL COMMUNICATION IS ONE OF THE PIONEERING R&D EFFORTS
golang + Java combination is an excellent research effort to develop Next Generation IoT Informatics Frameworks.

MRI/PET

ISLIO - Kubernetes

Raspberry PI + Bosch XDK -IoT + HPC



[ Figure I – Simple Algorithm I – Medical Image Processing Using golang/java/c/c++ ]

[ ALGORITHM I ]

## [III] Useful + Important References :

- [a] <a href="https://istio.io/latest/">https://istio.io/latest/</a>
- [b] https://golangrepo.com/repo/suyashkumar-dicom-go-images-tools
- [c] <a href="https://golang.org/pkg/image/">https://golang.org/pkg/image/</a>
- [d] https://www.azul.com/downloads/zulu-community/#mac
- [e] <a href="https://github.com/zxh0/jvm.go.git">https://github.com/zxh0/jvm.go.git</a> − JVM & Go → [jvm − go master repo]
- [f] https://github.com/tejdnk-2019-ShortNotes
- [g] <a href="http://docs.paralleluniverse.co/quasar/">http://docs.paralleluniverse.co/quasar/</a>
- [h] https://www.csail.mit.edu/news/more-compatible-coding-machine-learning Enzyme AD/MIT.

[IV] Acknowledgment/s: Sincere Thanks to all WHO made this happen in my LIFE.
Non-Profit R&D.
Inspiring Others Always is GOOD.

[THE END]