OCaml + Owl-Machine Learning + JSON Towards Probing Advanced Image Processing Environments Using Android + Smart Devices + IoT + HPC Systems.

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Abstract :

A Functional Programming [FP] approach to Software Design in Image Processing in High Performance Computing[HPC] based Research & Development Environments – Using Coq Theorem Prover[CTP]/OCaml + Owl + Menhir + LLVM in the Context of Testing Medical Images. Image Recognition with Owl – Machine Learning Library Using OCaml is considered in this Short Technical Communication. Further JSON-DICOM interaction w.r.t OCaml + Owl is attempted.Using JSON in Android for DICOM Communication is very much interesting w.r.t OCaml.

index words/key words :

[I] Main Idea + Inspiration + Introduction :

https://vixra.org/pdf/1909.0316v1.pdf -> OCaml + Medical Image Processing.

[II] R&D Informatics Framework to Probe Advanced Image Processing :

Very Easy to derive the R&D Informatics Framework – Please Try. We are testing and finding some promising results. It is worth giving it a try. OCaml is also good for Rapid Prototyping.
We are trying to develop some interesting aspects of Mobile Radiology Platforms Using OCaml & its related Mathematical/Software Tools. e.g. Android/DICOM for Advanced Medical Imaging.

[III] Acknowledgment/s :

Sincere Thanks to all WHO made this happen in my LIFE.

Non-Profit R&D.

Inspiring Others is GOOD Always.

[THE END]