

# Kubernetes as Informatics Platforms Using Scala + + Scallina + LMS-Scala Tools + DynaML + Coq Theorem Prover [CTP] + LLVM + ISM + K-Fusion + JikesRVM + Other JVMs w.r.t Deploying Next Generation Image Processing Technology → AKKA → Advanced Applications in Space & Medical Industries.

[a] DynaML: ML + JVM + Scala [b] ISM : Interactive State Machines [c] K-Fusion – Kinect Fusion

Dr.Nirmal – Informatics R&D – USA/UK/Israel/BRICS Group of Nations.

Current Member - ante Inst UTD Dallas TX USA.

Contact\_info – [hmfg2014@gmail.com](mailto:hmfg2014@gmail.com)

## [I] Main Idea :

Scale Your Scala Applications with Kubernetes - > Next Generation Space + Medicine Related R&D.  
We are TESTING the above mentioned idea/s → Using Scala & its related Tools.

Because we have some interests here we are not showing any details. However, I would like to inspire others with my ideas and approaches hence, this short notes.

Thanks for understanding - Dr.Nirmal.

## [II] Useful Reference/s :

[a] An Insight into HOL-Isabelle/Coq Theorem Provers based Design of Algorithms Using  
[ Minsky Machines+Scala NLP/Scala/Akka/JikesRVM-Research Virtual Machine/JVM/LLVM ]  
in the Context of Electronic Health Record [ EHR ] Software R&D – A Simple Suggestion.

[ Source - <https://vixra.org/abs/1909.0490> ]

[b] <https://www.toptal.com/scala/scale-your-scala-application-with-kubernetes>

[c] <https://kubernetes.io/docs/concepts/overview/what-is-kubernetes/>

[d] <https://transcendent-ai-labs.github.io/DynaML/> &&

[e] <https://david.von-oheimb.de/cs/ISM/index.html>

[f] <https://www.researchgate.net/publication/327097904>

**[III] Conclusion/s :** One of the pioneering R&D Efforts in Space Industry. Non-Profit R&D.  
Inspiring Others is ALWAYS good.

**[ THE END ]**