

Dr.Racket/Redex-AAM + Python w.r.t Testing Images & Videos/VideoDSLs Using Smart Devices [SD] + IoT + HPC Heterogeneous Systems based on Kolmogorov Complexity [KC] Algorithms to Understand : AI/ML/DL + Theoretical Computer Science Concepts + Coding Theory + BIGDATA Applications.

[Exploring ::-> LLVM/Polly + ImageAI + Deep Stack AI Server + MongoDB for various S&T Domains involving Dr.Racket + Python]

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[I] Main Idea + Inspiration + Introduction :

AI Server for the Most Complex AI Challenges -> <https://www.nvidia.com/en-in/data-center/dgx-2/>

<https://arxiv.org/abs/2109.10303> -> KC - Some ideas....

https://www.researchgate.net/publication/4037519_Physics_Control_and_Kolmogorov_complexity

On the Formalization of **Kolmogorov Complexity** -> CPP '21, January 18–19, 2021, Virtual, Denmark -> Elliot Catt and Michael Norrish.

[II] Our R&D Informatics Framework Using Dr.Racket + Python :

Using our algorithms mentioned on Vixra.org + github -> please fine tune your novel ideas + algorithms.

It is very EASY.

Thanks for supporting our R&D Efforts - Thanks.

[III] Important & Useful References :

[a] <https://deepstack.cc/>-> Information on AI Server -> for Next Generation SD + IoT + HPC Hetero Systems.

[b] <https://racket-lang.org/> -> Dr.Racket Language info.

[c] <https://dvanhorn.github.io/redex-aam-tutorial/> -> AAM -> Abstracting the Abstract Machines -> Very interesting.

[d] <https://polly.llvm.org/> -> interesting please read further.

[e] <https://www.python.org/> -> Python Language info.

[f] <https://github.com/tejdnc-2019-ShortNotes> -> Plenty of examples for your information - Thanks from - Dr.Nirmal.

[IV] Acknowledgment/s :

Sincere Thanks to all WHO made this happen in my LIFE.Non-Profit R&D.Inspire others always.

[V] Conclusion/s with Future Perspectives :

A strong approach to R&D using Dr.Racket + Python as one of the pioneering efforts.We are testing our algorithms on all fronts.

Keep Hacking + Keep Going.....All the BEST.

[THE END]