

# Hi-level Automation of Data Testing based on Koka + Koka- Bayes Machine Learning Library + RACKET/macros/Rkt-C lang Tools → To TEST [ U96 + Zynq MPSoC Board ] w.r.t Space + Medicine + Telecoms + IoT/HPC Heterogeneous Systems → A Novel Suggestion on Designing & Testing an Interesting Video DSL - Domain Specific Language based Algorithm/s.

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

[a] <https://github.com/tejdkn-2019-ShortNotes> - Very much useful notes.

[b] <https://github.com/tejdkn-2019-ShortNotes/2021-Nir-Informatics/blob/main/AVNET-U96-Ruby-Nir-21.pdf>

[c] <https://github.com/tejdkn-2019-ShortNotes/2021-Nir-Informatics/blob/main/Racket-Java-Img-Nir-2021-GA.pdf>

[d] <https://github.com/tejdkn-2019-ShortNotes/2021-Nir-Informatics/blob/main/Racket-Java-Img-Nir-2021.pdf>

[e] <https://github.com/tejdkn-2019-ShortNotes/2021-Nir-Informatics/blob/main/CAKEML-AVNET-U96-Xilinx-Nir-21.pdf>

**[II] Acknowledgment/s :** Non-Profit R&D. Thanks to all. Inspire Others Always.

**[III] Conclusion :** Please derive your own R&D Informatics Frameworks. Keep Hacking .....

**[IV] Our Status :** We are testing with Koka + RACKET. Thank You – Dr.Nirmal.

**[V] Important Reference/s :**

[https://files.devnetwork.cloud/DeveloperWeekNewYork/presentations/2019/open-talks/Fred\\_Kellerman.pdf](https://files.devnetwork.cloud/DeveloperWeekNewYork/presentations/2019/open-talks/Fred_Kellerman.pdf)

<https://cakeml.org/> && <https://www.racket-lang.org/> && <https://pkgs.racket-lang.org/>

<https://pkgs.racket-lang.org/package/c> -Very useful.

<https://www.microsoft.com/en-us/research/project/koka>

<https://www.evoketechnologies.com/blog/test-data-generation-automation-testing/>

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