Overeasy : Racket Language Test Engine + Related Dr.Racket based Software R&D Tools w.r.t Testing FPGAs involving Data Management -> A Short Technical Notes involving BIGDATA/Data Bases/Data Management Algorithms for Hi-End Informatics.

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[I] Main Idea + Inspiration + Introduction :

Yes**,**as per our TITLE -> it is enough for you to proceed.

Inspiration : https://www.intel.com/content/www/us/en/products/docs/storage/programmable/applications/data-analytics.html*

https://wwwiti.cs.uni-magdeburg.de/iti_db/publikationen/ps/auto/GBDPS:DBS18.pdf * -> Integration of FPGAs in Database Management Systems [DBMS] : Challenges and Opportunities - Could be useful in testing our approaches using Dr.Racket.

Please Check   :   [i]   http://web.mit.edu/racket_v612/amd64_ubuntu1404/racket/doc/quick/index.html
                 [ii] https://www.youtube.com/watch?v=R-hy8xLlkHA
                 [iii] https://www.youtube.com/watch?v=z8Pz4bJV3Tk

[II] R&D Informatics Framework For Software Testing Using Dr.Racket :

Please generate your own informatics framework using our references + other references mentioned in this communication.

Rigorous Testing in Progress @ the TIME of Submission.

[III] Important & Useful References :

[a] https://www.morganclaypool.com/doi/abs/10.2200/S00514ED1V01Y201306DTM035

[b] http://www.odbms.org/wp-content/uploads/2014/03/Data-Processing-on-FPGAs.pdf

[c] https://github.com/tejdnk-2019-ShortNotes

[d] https://journalofcloudcomputing.springeropen.com/articles/10.1186/s13677-017-0089-9

[e] https://www.computer.org/csdl/journal/cc/5555/01/08972578/1gXBYfjgPg4

[f] https://racket-lang.org/ && Related Tools : https://pkgs.racket-lang.org/ -> We are using Redex/AAM/Abstract Machines/Automata/ Deep Learning/Algebraic Concepts etc to probe FPGA Devices involving BIGDATA/IoT/HPC Systems.

[g] https://con.racket-lang.org/2017/earl.pdf -> Deep Learning with Dr.Racket.

[IV] Acknowledgment/s : Sincere Thanks to all WHO made this happen in my LIFE.Non-Profit R&D.Inspire others always.

[V] Conclusion/s + Future Perspectives : Very interesting R&D Approach w.r.t FPGAs + Data Management aspects.

Worth testing with Dr.Racket.Promising + Useful.

[THE END]