

RUST + its Related AI Tools to Generate Graphic Designs w.r.t Textiles R&D - i.e Probing Textile Design Patterns With RUST & E Theorem Prover [ETP] -> Towards a Simple Technical Communication on AI Driven Textile Designs for Space + Medicine + Telecoms Applications.

[Exploring RUST + Theorem Proving + AI + Software + Hardware + IoT + HPC Systems -> Smart & Intelligent Textiles R&D]

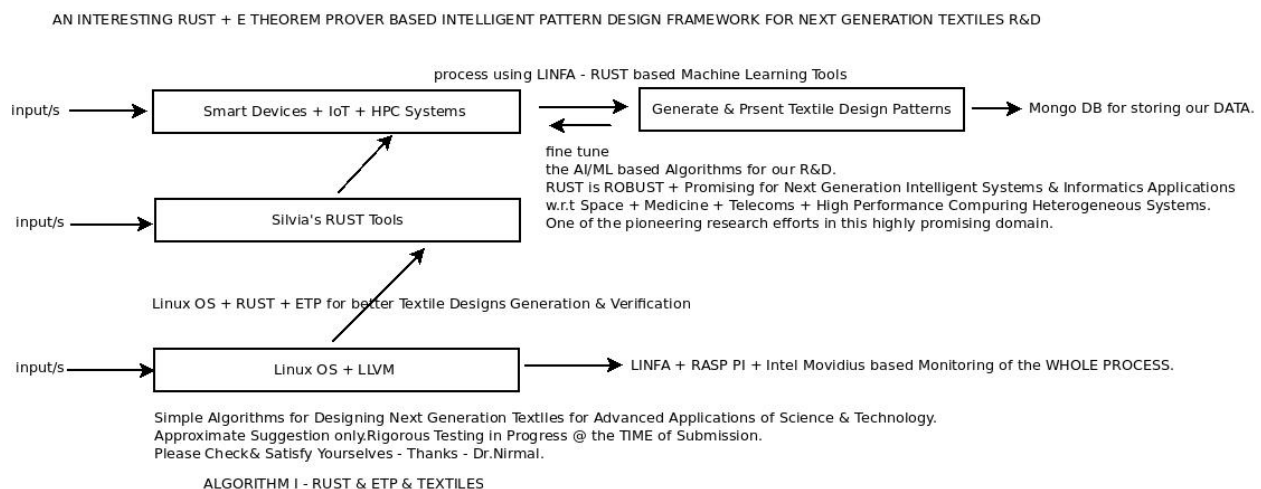
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[I] Main Idea + Inspiration + Introduction :

<https://www.smashingmagazine.com/2017/01/algorithm-driven-design-how-artificial-intelligence-changing-design/>

<https://github.com/silvia-odwyer> - Superb Tools based on RUST Programming Language.

[II] R&D Informatics Framework Using Rust & its Related Tools + ETP :



[Figure I - Algorithm I - RUST + ETP + Applied Mathematics + Textiles for Next Generation Technology Applications]

[III] Important & Useful References :

[a] <https://www.nature.com/articles/d41586-020-03382-2> -> Why RUST ?

[b] <https://algorithms.design/> && [c] <https://design-library.com/>

[d] <https://www.itwm.fraunhofer.de/en/departments/tv/flexible-structures/machine-learning-textile-industry.html>

[e] <https://www.sciencedirect.com/topics/materials-science/smart-textiles>

[f] https://www.culture.si/en/Department_of_Textiles,_Graphic_Arts_and_Design_Library,_University_of_Ljubljana

[g] <https://www.pinterest.com/pin/341921796686934555/> - making a pattern library.

[h] Microwave absorption in X and Ku band frequency of cotton fabric coated with Ni-Zn ferrite and carbon formulation in polyurethane matrix - August 2014 Journal of Magnetism and Magnetic Materials 362:216-225;DOI:10.1016/j.jmmm.2014.03.040

[i] <https://github.com/tejdnc-2019-ShortNotes> - we have presented a number of examples - please check - thanks.

[j] <https://github.com/rust-ml/linfa> - **Machine Learning in RUST** && [k] <https://github.com/rust-cv> - **Computer Vision in RUST**.

*** Readers Please Make a Note : Not all the implementation details are presented here.Please Check.**

[III] Acknowledgment/s :

Sincere Thanks to all who made this happen in my LIFE. Non-Profit R&D. Inspire Others Always.

[IV] Conclusion/s With Future Perspectives :

One of the pioneering R&D Efforts in this creative domain of Textiles.Next Generation Textiles are the Future DIGITAL MEDIA for Hi-End Communications w.r.t Space + Medicine + Telecoms Applications.So,let us research these aspects of Textiles.

[THE END]