

# **Interfacing PROFEX XRD C++ Software With RUBY → A Novel Suggestion to Probe XRD DATA in the Context of Nano-Bio Material Systems Using Smart Devices/IoT/HPC Systems.**

[ We intend to explore COVID-19 Recommender Systems Using Ruby/C++ based on CIF Files/Other Relevant Information ]

Nirmal

Independent Consultant – Informatics/Imaging/Photonics/Nanotechnology R&D.

Current Member – ante Inst UTD Dallas TX USA.

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

## **[I] Proposed Nano-Bio Material Systems R&D Informatics Framework :**

{ Probing XRD DATA Based on C++/Ruby/Bio-Ruby/mruby + QRNG + LLVM + w.r.t Nanotechnology - A Novel Nano-Bio XRD Informatics High Performance Computing Heterogeneous Framework. }

C++ extensions with Ruby + AI is simply superb.

**We derived our inspiration based on :**

[a] <https://www.profex-xrd.org/> [b] <https://rxiv.org/pdf/2004.0083v1.pdf>

[c] <https://github.com/tejdkn-2019-ShortNotes>

[d] <https://www.ncbi.nlm.nih.gov/Structure/pdb/6LU7> → **Some COVID-19 Information.**

**[II] Acknowledgment/s :** Non Profit R&D. Inspiring Others is GOOD always. Sincere Thanks.

**[III] Conclusion/s :** Rigorous Testing of Nano-Bio Structures in Progress based on AI w.r.t the above mentioned Tools. Keep trying.....Let us HOPE for the BEST.

**[ THE END ]**