

Exploring Cryo-EM Images in the Context of Helical Protein Polymers/Bio-Polymers for Helical Reconstructions Using ruby Language/ruby-Machine Learning/ruby-Image Processing/ruby-LLVM/ruby-vips Hi-End Image Processing + Informatics R&D Framework.

[An Insight into Fourier-Bessel Synthesis to probe COVID-19/Corona Virus Related Structures]

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[I] Our Idea + Inspiration With Modification based on Ruby + Ruby based Software Tools :

OUR MAIN IDEA INVOLVING AOT - AHEAD OF TIME RUBY BASED IMAGE PROCESSING & INFORMATICS FRAMEWORK TO PROBE NANO-BIO SYSTEMS USING NEXT GENERATION MACHINE LEARNING BASED CONCEPTS.

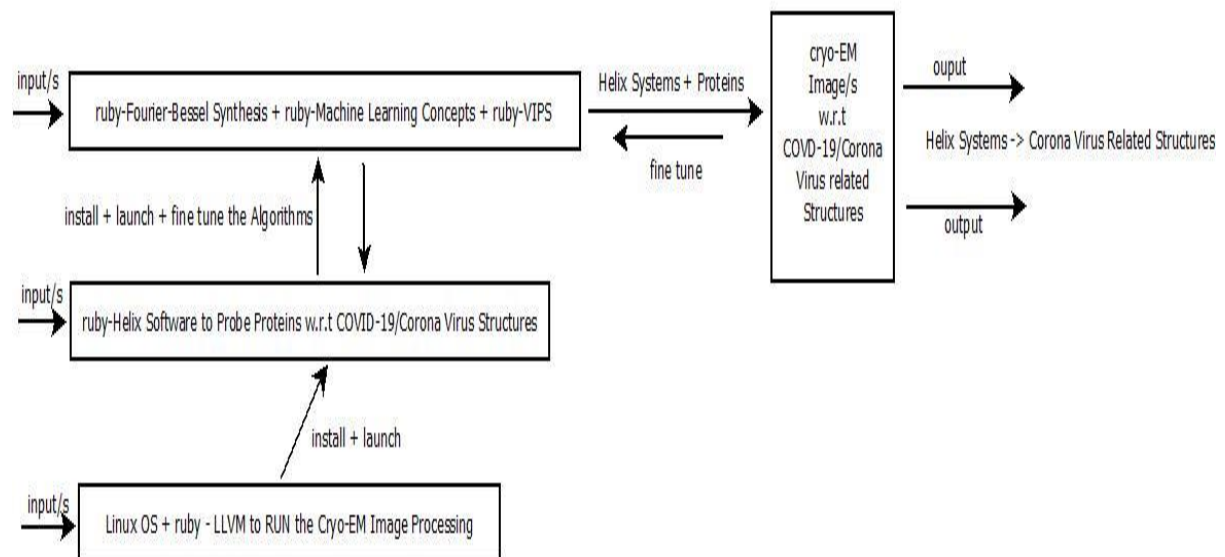


Figure I – Our Ruby Informatics Framework to Probe cryo-EM Images.
[Helical Protein Polymers]
[Actual Implementation will vary – Please Check/Fine Tuning is required]

[Figure I – Simple Algorithm based on Ruby + its Software Tools]

[II] An Important Reference/s :

[a] <https://vixra.org/pdf/1903.0105v1.pdf> - RUBY BASED IMAGE PROCESSING SOFTWARE USAGE.

[b] <https://ruby.libhunt.com/ruby-vips-alternatives> - ruby-vips .

[c] <https://medium.com/@asilver7493/image-processing-with-ruby-774520f5ab71> - Ruby Image Processing.

[III] Acknowledgement/s : Thanks to EVERYONE involved. Non-Profit R&D.

[THE END]