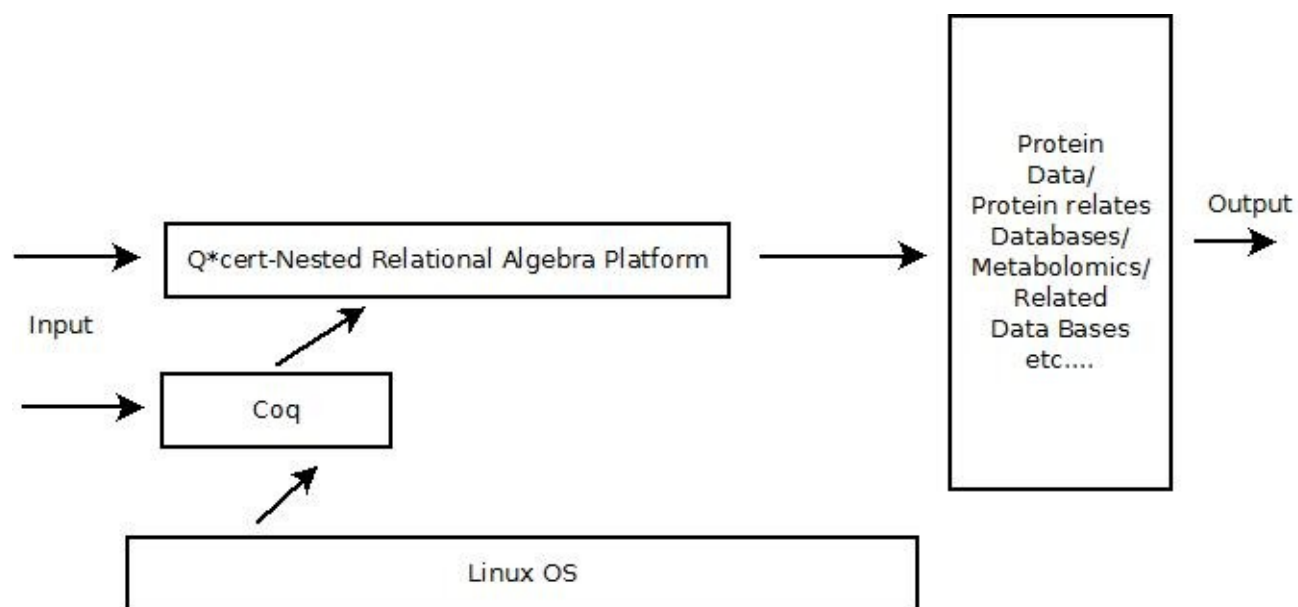


# A Simple Introduction & Suggestion to Using Nested Relational Algebra Theory, Data Processing & Related Concepts in the Context of Protein Folding Mechanisms/Metabolomics/Other Bio-informatics Applications.

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## [A] An Introduction & Our Inspiration :



Approximate Bio-informatics & Data Processing Framework Based on Nested Relational Algebra

**Figure I – Approximate Informatics Framework.**

[http://vixra.org/author/nirmal\\_tej\\_kumar](http://vixra.org/author/nirmal_tej_kumar)

<https://querycert.github.io/doc.html#nraenv>

<https://coq.inria.fr/consortium>

## **Important Reading Materials :**

“**Bioinformatics** Databases and Systems by **Stanley I. Letovsky**/Springer Science & Business Media,31-Aug-1999-**Science**-304 pages”

<https://pdfs.semanticscholar.org/b1fc/3a7df4ee71df4ecd9c270b1cc5b7bb9917.pdf>  
[D.N.T.Kumar, Nooki Mehdi, Fenglin Huang, Min Zhang, Qufu Wei / International Journal of Engineering Research and Applications (IJERA) ISSN: 2248-9622 www.ijera.com Vol. 2, Issue 4, July-August 2012, pp.077-086 77 | Page Insight into Fluorine Based Amino Acids, Concepts and Applications ]

<https://pdfs.semanticscholar.org/0502/73e4aba1dd8c6816617a45f263b69d80dad2.pdf>  
<http://flint.cs.yale.edu/cs430/sectionNotes/section1/CoqTutorial.pdf>  
<http://peqnp.blogspot.com/2013/01/nested-relational-algebra.html>  
<http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.27.1512&rep=rep1&type=pdf>  
<https://en.wikipedia.org/wiki/Coq>  
<https://www.sciencedirect.com/science/article/abs/pii/S0927050705802014>  
<http://hirzels.com/martin/papers/sigmod17-nra-env.pdf>  
<https://arxiv.org/pdf/1803.01466.pdf>  
<http://www.vldb.org/journal/VLDBJ4/P727.pdf>

**Please Note : Actual Implementation might vary – please check all the references & literature.**

**[ Written & Presented in free style to inspire others.]**

**LET US MOVE FORWARD WHY THE DELAY ?**

***NON PROFIT ACADEMIC R&D - THANKS – Dr.Nirmal Brazil/USA/Israel.***

**THE END**