BOLT + PROTOBUF + DATA RACING → W.r.t OCaml Based Quantum Information Processing R&D Frameworks – A Simple Suggestion on Using OCaml based Quantum Computational Tools.

[A Protobuf Experimentation for OCaml and C++ → Towards Quantum Informatics]
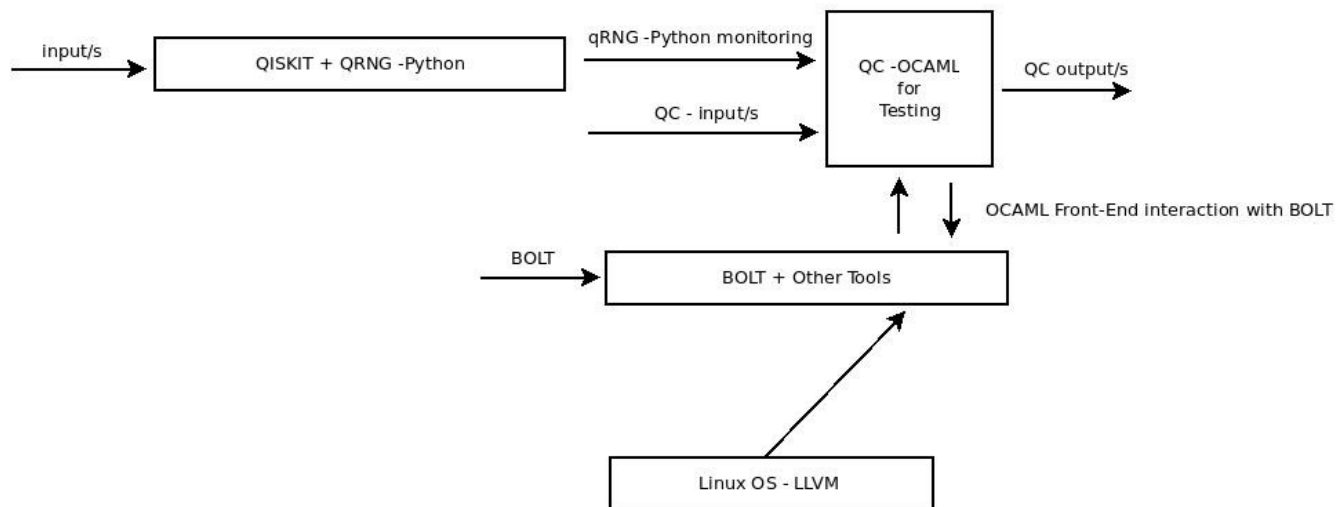
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[I] Main Idea + Inspiration + Introduction :

GitHub - mukul-rathi/bolt: Bolt is a language with in-built data-race freedom!

[II] R&D Informatics Framework for QC Using OCAML + LLVM + BOLT :

ALGORITHM I - BOLT BASED PROBING OF QUANTUM COMPUTING AND INFORMATION PROCESSING TO TEST PROTOBUF.

Simple Algorithm I - To TEST Novel Features involving BOLT + OCAML + LLVM/C++
TESTING IN PROGRESS.
Thanks - Dr.Nirmal.
Read all the Literature Available.
Actual Implementation Will Vary.
Approximate Suggestion Only.
It is worth Experimenting with -> BOLT/OCaml/LLVM/Python-QRNG/QISKIT/Protobuf etc.......

[Figure I – Algorithm I – Protobuf Testing Using BOLT + OCaml + QRNG + LLVM]

[III] Important References :

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

[b] https://github.com/mukul-rathi/bolt-dissertation

[c] https://github.com/mukul-rathi/bolt

[d] https://blog.janestreet.com/using-python-and-ocaml-in-the-same-jupyter-notebook/

[e] git clone https://github.com/chetmurthy/ocamldot.git

[f] https://qiskit.org/ && https://developers.google.com/protocol-buffers

[IV] Acknowledgment/s : Sincere Thanks + Non-Profit R&D. Inspire others always.

[THE END]