ATTACK TREES & THEIR IMPORTANT
APPLICATIONS USING SMART DEVICES
+ IoT + AI + HPC HETETOGENEOUS
SYSTEMS - A SIMPLE SUGGESTION
BASED ON HOL-ISABELLE THEOREM
PROVER + OCAML + JAVA/Scala +
JIKESRVM +JamVM + CwB/PwB w.r.t
ADVANCED MEDICAL IMAGING &
INFORMATICS PLATFORMS.

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[I] Main Idea + Inspiration + Introduction :

our TITLE is enough to inspire people. Thanks - Dr. Nirmal.

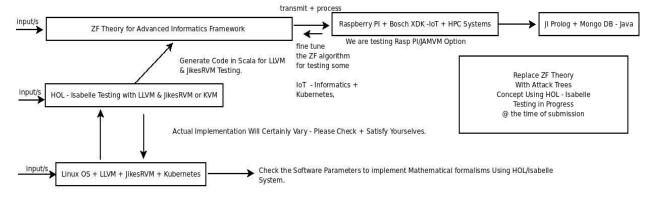
[Source - https://www.isa-afp.org/entries/Attack_Trees.html]

Please read all the references @ the END.

[&]quot;Attack Trees in Isabelle for GDPR compliance of IoT healthcare systems Florian Kammüller February 23, 2021".

[II] R&D Informatics Framework Using Suggested Software Tools:

ZF THEORY BASED ADVANCED TESTING OF KUBERNETES + IoT INFORMATICS FRAMEWORKS JVM LANGUAGES PLAY A VITAL ROLE IN IMPLEMENTING NEXT GENERATION INFORMATICS HENCE THIS SMALL ATTEMPT FROM OUR SIDE. ONE OF THE PIONEERING RESEARCH EFFORTS IN THIS DIRECTION. PLEASE CHECK OUR NOTES ON VIXRA.ORG + github FOR SIMILAR IDEAS & ALGORITHMS Thanks - Dr.Nirmal.



Testing Kubernetes & ZF Theory w.r.t HOL - Isabelle + JikesRVM + LLVM + Hardware + Software for Advanced IoT/HPC Related Informatics Framework

Testing in Progress.

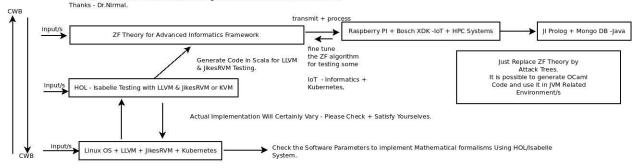
Approximate Idea/Actual Implementation might vary/Please Check.

Thanks - Dr.Nirmal.

[ALGORITHM I - ZF THEORY w.r.t -> Testing Kubernetes & IoT Informatics Frameworks]

Figure I - Attack Trees Concept - HOL

PWB + ZF THEORY BASED ADVANCED TESTING OF KUBERNETES + IOT INFORMATICS FRAMEWORKS JVM LANGUAGES PLAY A VITAL ROLE IN IMPLEMENTING NEXT GENERATION INFORMATICS HENCE THIS SMALL ATTEMPT FROM OUR SIDE. ONE OF THE PIONEERING RESEARCH EFFORTS IN THIS DIRECTION. PLEASE CHECK OUR NOTES ON VIXRA.ORG + github FOR SIMILAR IDEAS & ALGORITHMS



Testing Kubernetes & ZF Theory w.r.t HOL - Isabelle + JikesRVM + LLVM + Hardware + Software for Advanced IoT/HPC Related Informatics Framework.

Testing in Progress.

Approximate Idea/Actual Implementation might vary/Please Check.
Thanks - Dr.Nirmal.

[ALGORITHM II - ZF THEORY + CWB/PwB w.r.t -> Testing Kubernetes & IoT Informatics Frameworks]

Figure II - Attack Trees Concept - HOL + CwB/PwB

[III] Important & Useful References :

[a] https://linuxize.com/post/install-java-on-raspberry-pi/

[b] https://www.isa-afp.org/browser_info/current/AFP/
Attack_Trees/outline.pdf

[c]https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics

[d] https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/ZFImgHOL2021.pdf *

[e] https://github.com/tejdnk-2019-ShortNotes/2021-Nir-Informatics/blob/main/ZFPwBImgHOL2021.pdf *

[IV] Acknowledgment/s:

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

[V] Conclusion/s + Future Perspectives :

One of the Pioneering R&D Efforts in this domain.Let us explore further using the above mentioned Software Tools.Very promising approach indeed.

Thanks for reading our Short Technical Communication.

[THE END]