# A Deep Learning Model [DLM] for Detecting Fire in Video & Camera Streams -> Towards Understanding & Testing of FIRENET + HEAT* + ImageAI + Deepstack w.r.t Dr.Racket/Redex/AAM/VideoDSLs + Python - A Short Technical Communication on HEAT.

*[ HEAT -> Helmholtz Analytics Toolkit -> HEAT is a Distributed Tensor Framework for High Performance Data Analytics ]*

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**[I] Main Idea + Inspiration + Introduction :**

Simply as explained in our TITLE above -> Very much useful and we are testing in Space & Military Applications.

Rigorous Testing in Progress @ the TIME of Submission.

**[II] R&D Informatics Framework :**

We are generating our own Novel R&D Algorithms to TEST Video + Camera Streams using Software Tools.

Please generate your own.

With Thanks for understanding - Dr.Nirmal.

**[III] Important References :**

[a] https://github.com/OlafenwaMoses/FireNET -> Very much useful in Space & Military Applications.

[b] http://imageai.org/ && https://github.com/OlafenwaMoses && https://github.com/johnolafenwa/DeepStack

[c] https://github.com/DeepQuestAI -> DeepQuest AI - On a mission to advance and democratize Artificial Intelligence

[d] https://github.com/tejdnk-2019-ShortNotes -> lot of examples for your use and information.Thanks.

**[IV] Acknowledgment/s :**

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

**[V] Conclusion/s with Future Perspectives :**

One of the pioneering R&D Efforts using highly advanced AI Concepts + Dr.Racket + Python -> to probe Video & Camera Related Technologies.

Fire NET -> Real Time Fire Detection based on AI is Highly useful in Testing : Space & Military Applications.

**[ THE END ]**