

Self-Explanation Learning Framework (SELF)  
DARPA-SN-09-17

The Defense Advanced Research Projects Agency (DARPA) Information Processing Techniques Office (IPTO) is contemplating research in the area of meta-reasoning. The absence of a self model from learning systems precludes those systems from explaining their own anomalous behaviors. DARPA is interested in exploring meta-reasoning systems that could be wrapped around existing cognitive systems to improve performance and assist knowledge engineers diagnose anomalous behavior. This vision is evolving, but the current thinking on this topic can be viewed at the DARPA/IPTO website by following this link [www.darpa.mil/ipto/personnel/cox.asp](http://www.darpa.mil/ipto/personnel/cox.asp).

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POINT OF CONTACT

For more information, please contact Dr. Michael Cox, IPTO Program Manager, DARPA, Email: [DARPA-SN09-17@darpa.mil](mailto:DARPA-SN09-17@darpa.mil). ANY INQUIRIES ON THIS TOPIC MUST BE SUBMITTED TO [DARPA-SN09-17@darpa.mil](mailto:DARPA-SN09-17@darpa.mil). NO TELEPHONE INQUIRIES WILL BE ACCEPTED.