Identifying Data Streams Valuable to Collaborative Intelligence

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Abstract: The mission of the Consortium for Enabling Technologies and Innovation (ETI) as defined in its proposal is to develop methods "that support the NNSA's mission and to bridge the gap between the university basic research and national laboratories mission-specific applications." ETI's Thrust Area 1 is focused on developing algorithms using advanced computing techniques to guide future data collection and decision-making. As a first step, existing data streams must be identified and means of collaboration established. A data-use manual has been created that will serve as a compendium of available sources that could be valuable to the efforts of ETI. This manual should foster connections between university and national laboratory partners by highlighting several data modalities from different sources at different levels of complexity and sensitivity. As a living document, newly identified or emerging data streams can be included so that the evolving manual serves as a centralized location to support ETI researchers.