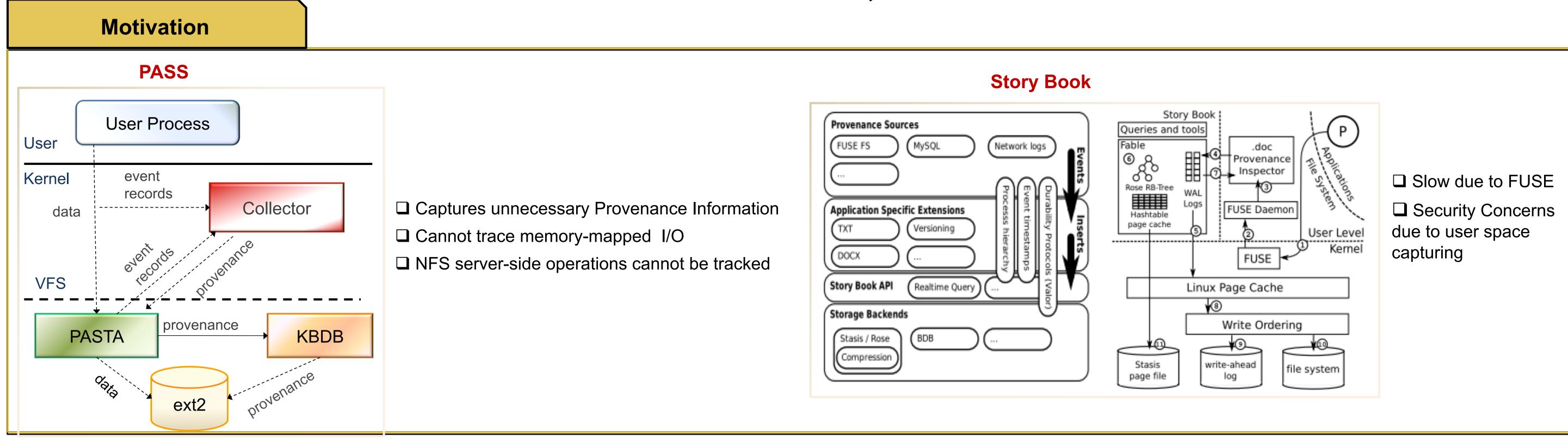
## CERIAS

The Center for Education and Research in Information Assurance and Security

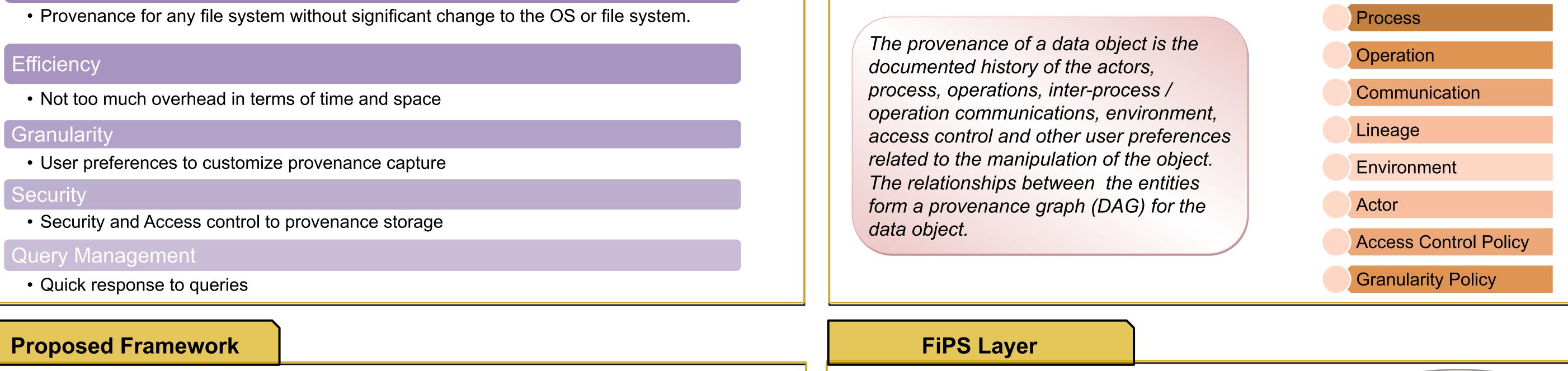
## FiPS – A File Provenance System

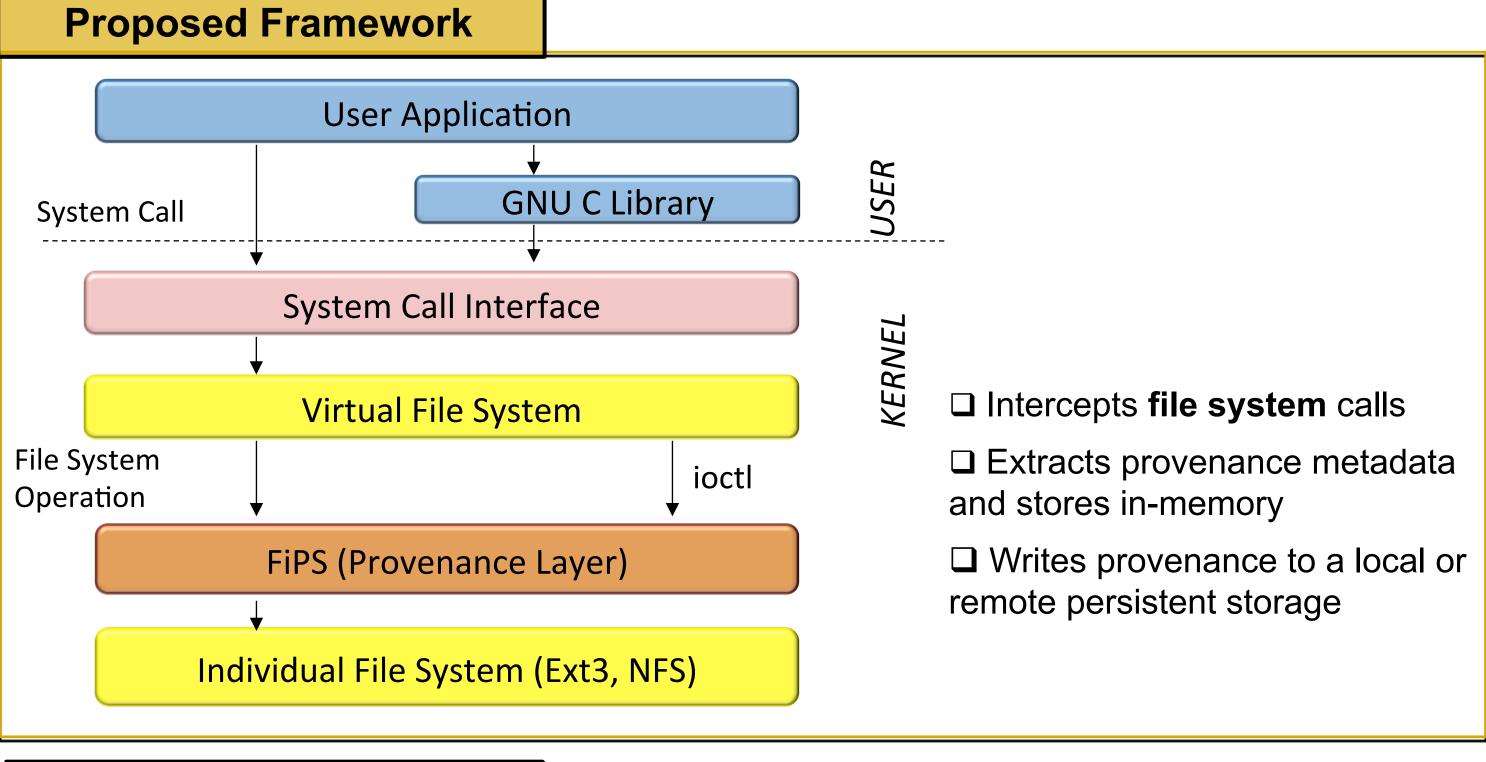
Salmin Sultana, Elisa Bertino

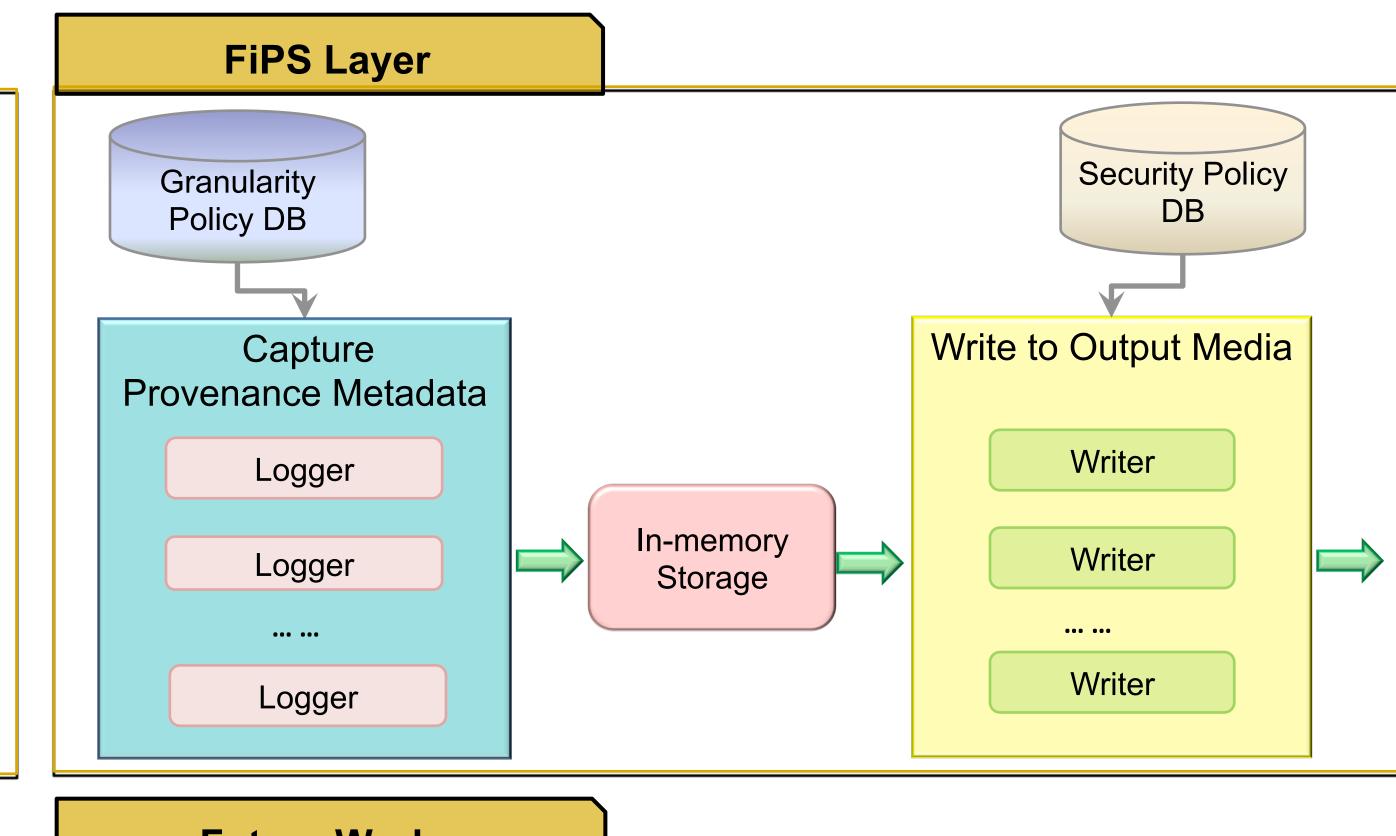
**Provenance Model** 

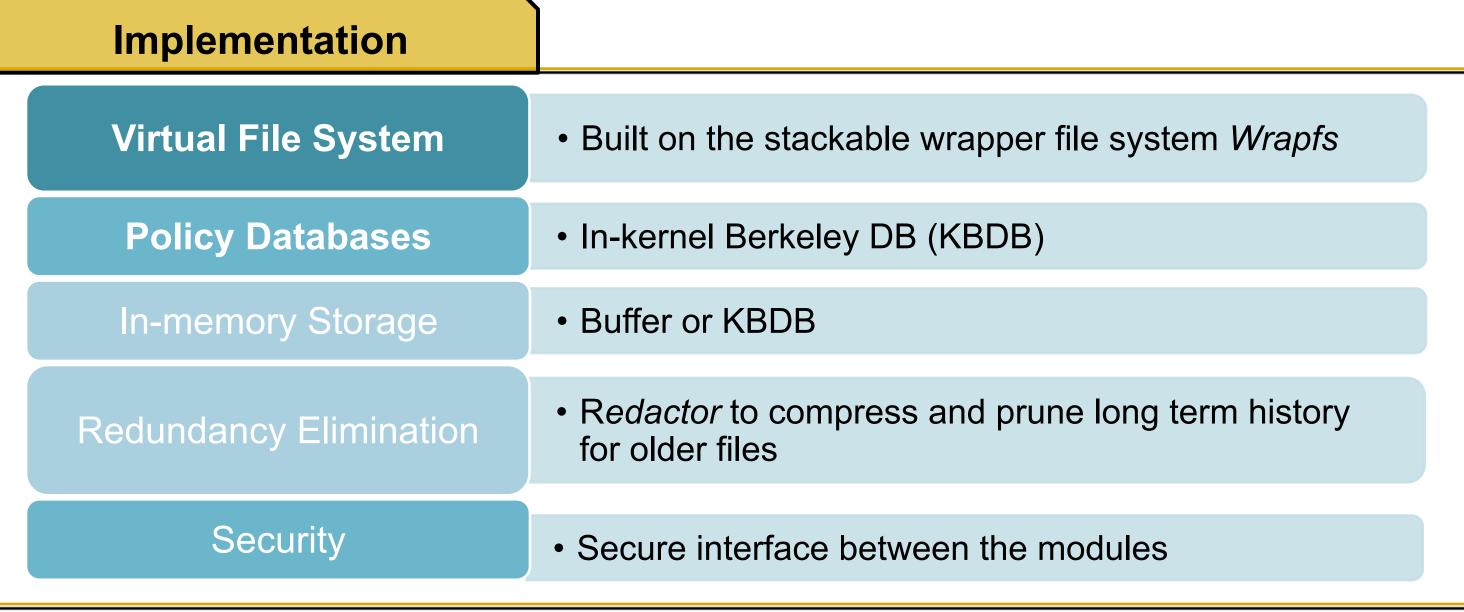


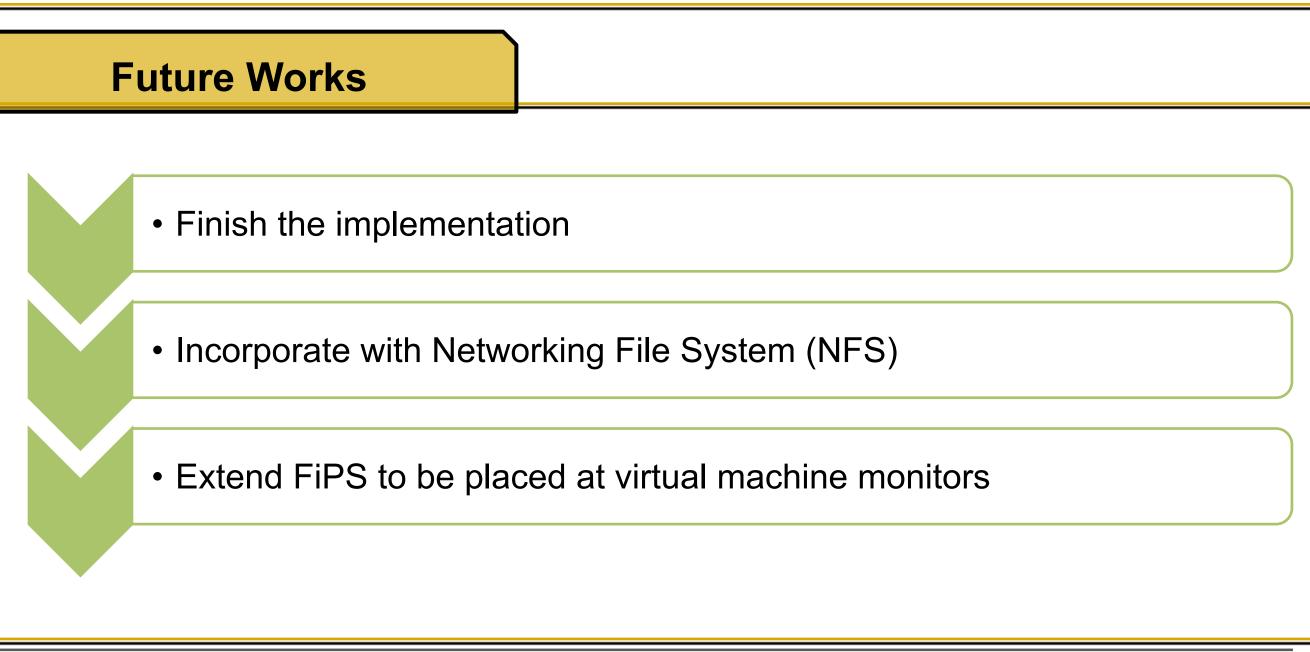
## **Design Objectives** Portability • Provenance for any file system without significant change to the OS or file system. Efficiency Not too much overhead in terms of time and space Granularity User preferences to customize provenance capture Security Security and Access control to provenance storage Query Management















**Entities**