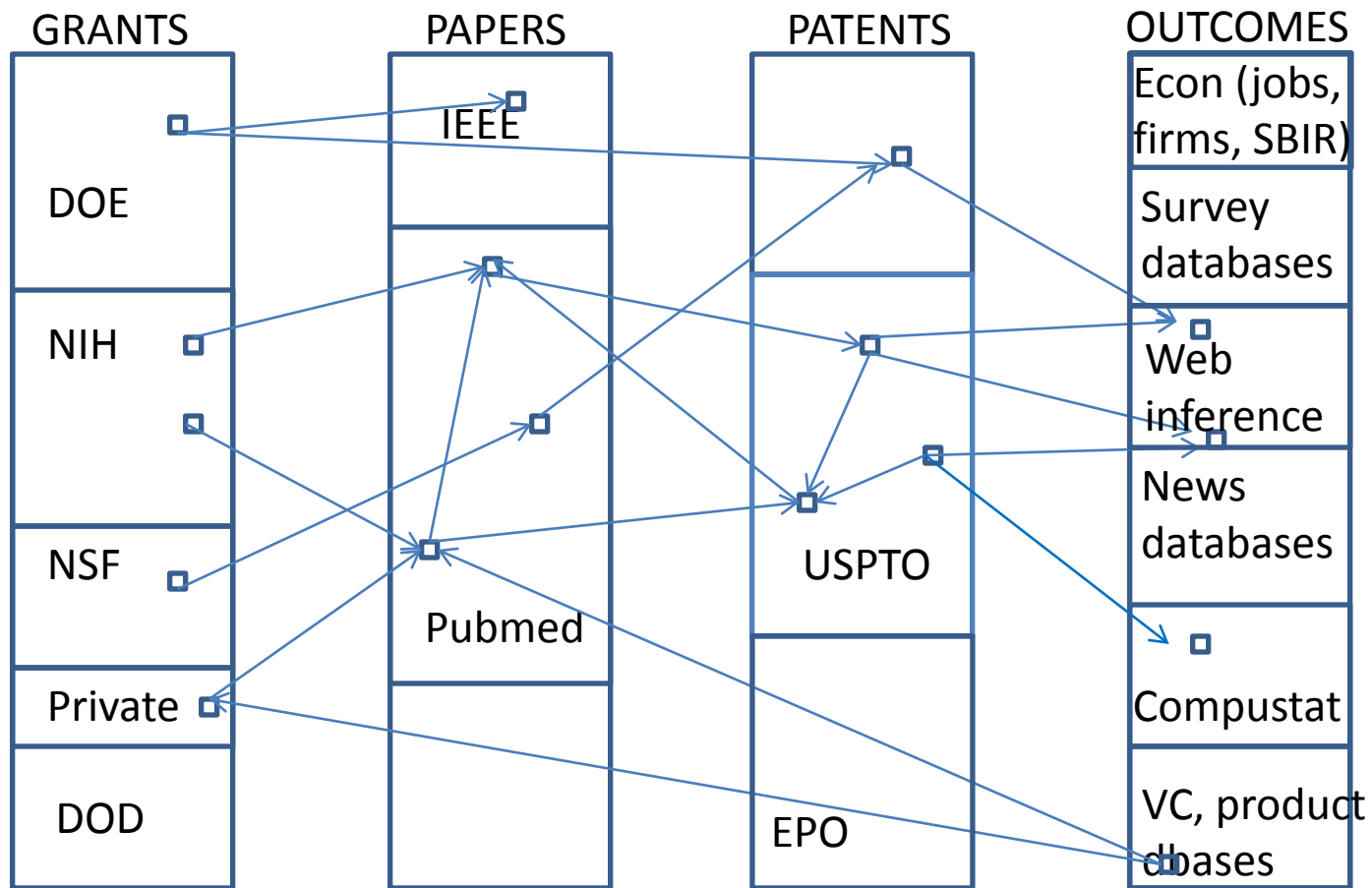


Where are we in metric research?

- The Quest (away from a faith-based worship of V. Bush):
 - research \$-> jobs, firm outcomes, lives saved
- The Quest has been swept up in big data mania
 - Government
 - Academia
 - Industry
 - LinkedIn: How do people impact economic outcomes?
 - They have 150 million careers and growing...
 - Google Scholar has disambiguated and linked many databases
- Fits and starts and uncoordinated
 - We will eventually get the Grail, parts possibly soon – how do we accelerate? And make sure it's right - and used right?



“Islands of useful data” are appearing: effort now is to make those accessible and to link them. Most useful links are between topics, documents, people, and orgs.

Challenges

- Top down vs. bottom up
 - Either way, make results accessible – fertilize 1,000 flowers
 - Need APIs for all databases, and tool repositories
- Metric validation: find/characterize correlates to the Grail
 - Computer and social scientists need to collaborate
 - Focused call?
- Professional infrastructure support
 - Not enough recognition of value add yet
 - Clearinghouse, coordination, coding support?
- Access
 - Private and corporate concerns
- Manual vs. automated
 - Yes, but minimize manual input
 - ORCID will help