



# SWANS Opening Remarks

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# The Context of SWANS

- **SWANS is about the Semantic Web**
  - Feb 04 standardization of OWL and RDF
  - Additional pre-standards work on Semantic Web
  - Growing open-source and commercial product base
- **SWANS is about National Security**
  - Information Integration is vital to our security post-9/11
  - Massive data warehouses are not the answer
  - Integrating information is the first step towards integrating business processes
- **SWANS is about the future of e-Government**
  - Semantic Web technology is spreading rapidly
  - National Security solutions can benefit the entire Government





# The Growing Semantic Web

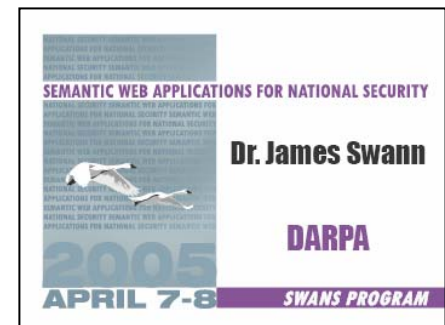
- **Semantic Web has an explosive growth curve**
  - DARPA investment (DAML) started in 1999
  - Now: 49 books at Amazon; 4.1M Google hits; 20M triples on the web
  - €70M in European Semantic Web investment through 2010
  - Virtually all commercial activity is outside of DARPA's original grantees
- **Prior Semantic Web Conferences**
  - International Semantic Web Conference (x4), Semantic Web for Military Users (x2), SICoP conference (x3), Semantic Technologies Conference...
  - World Wide Web Conference
- **SWANS is about the path from a new technology to acquisition programs of record**





# SWANS Goals and Structure

- **“The Semantic Web is here, so how do I use it?”**
  - What is the best business case structure, metrics, and ROI argument for a semantic web project?
  - What technical and policy resources are available?
  - What other similar projects have been successful?
- **Conference Overview**
  - Speakers
    - Creators of the Semantic Web
    - Customers of the Semantic Web
    - PMs of Semantic Web Pilots
    - Technical Details / Future of the Semantic Web
  - Attendees
    - Technologists, software designers, DoD and government officials, FFRDCs, systems integrators, and product vendors





# SWANS Extras

- **SWANS Conference Extras**

- Demos @ 1700 in the Tidewater room
  - Interact with people who have actually built applications
  - Relax over food and drink and fine company
- Semantic Web Product show
  - Evaluate semantic web technology that you can buy today
- Sign-up Program Advice and Consultation
  - Government personnel can discuss their ideas one-on-one with leading semantic web figures
- Pilot Panel
  - Questions submitted at the registration desk
- 3 technology tutorials on Friday
  - Introduction to OWL, Semantic Web Tools, Semantic Web Services

- **In Case You Can't Get Enough**

- Conference presentations will be at the SWANS website ([www.schafertmd.com/swans](http://www.schafertmd.com/swans)) within 1 week
- Brand Niemann and I are always available