

# An Introduction to ANSA

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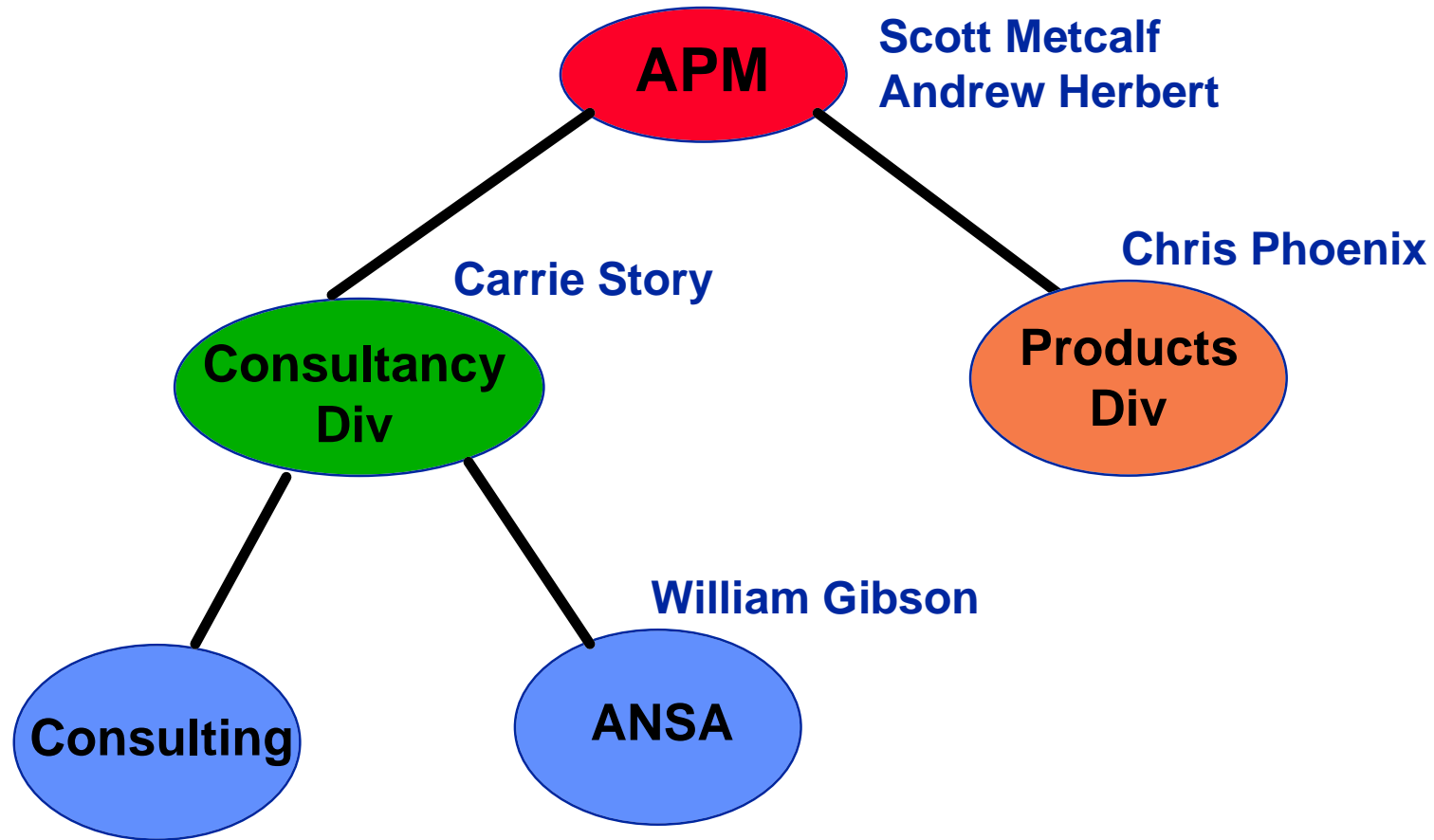
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# ANSA History

- 1985: Origins in the U.K. Alvey programme
- 1988: Became core team for ESPRIT *Integrated Systems Architecture* project
- 1988: APM formed to host ANSA and manage ISA
- 1993: Programme 100% funded by industry



# ANSA & APM Ltd



# ANSA Focus

- Distributed computing architectures
- Network Programming paradigms
- Distributed object technology



# ANSA Objectives

- Provides sponsors with:
  - Insight in emerging technology
  - Ability to calculate the business risk
  - Cross-fertilization
- ANSA Work
  - Pre-competitive research
  - Working code to prove concepts, reports, ...
- Influence industry associations and standards
  - (OSF, TINA-C, ISO), OMG, W3C, OpenSIG



# ANSA Sponsors

- Bellcore
- British Telecom
- Defense Research Agency
- Eurocontrol
- Fujitsu Laboratories
- France Telecom
- GEC-Marconi
- GPT
- ICL
- Spanish Telecom



# ANSA Programme

- ANSA Consortium (sponsorship)
- Object Lab
- ANSA Associates



# ANSA Sponsorship

- Sponsors formulate and direct research programme
  - Sponsor's Committee
- Full rights to *all* the work and results
  - Documents
  - Source Code
  - Access to ANSA team
- Technology Transfer
  - Work-shops
  - On-site visits
  - Secondees and visitors





# Object Lab

- Delivering working pilot examples
- Focus on using and integrating the leading edge
- Removing the business risk
- Technology Portfolio:
  - Object orientated architecture
  - Java
  - CORBA
  - Web Technologies
  - ActiveX



# ANSA Projects

- *Current*

- FlexiNet
- Puppies
- DIMMA

- *Completed*

- Reflective JAVA
- Jade
- WebCalc
- Quartz
- ANSAware
- ANSAweb



# ANSA 97

- Major Research Areas:
  - Ubiquitous access in globally distributed networks
  - Dynamically configurable networks

