





## The Difference is the Abstraction

 Mature technology is complex on the inside yet simple on the outside







The secret is the abstraction layer

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## The Fundamental Technical Challenge of SOA

Creating & Maintaining the Service Abstraction

- Location-independent, loosely coupled business Services that:
  - Provide business agility
  - Support flexible business processes
  - Empower users
- At a higher level of abstraction than a Service interface

Sounds good, but how does it work?

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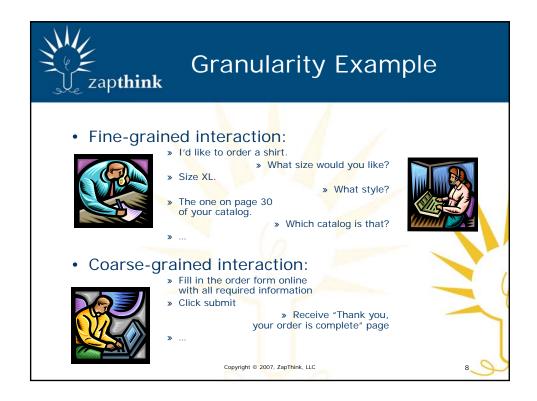
## Key Service Abstraction Enabler: Coarse Granularity

- Business-oriented requests and responses
- Blocks of information exchanged



 Driven by the business/data context of the Service

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## How Do You Eat an Elephant?

- One bite at a time!
- Take a step-by-step approach, but...
  - Top-down only: have the plan, may not be able to execute
  - Bottom-up only: build Services, may not be reusable
- SOA planning must be both
  - Develop the vision (but not the details) ahead of time
  - Service development should be iterative
- Show business value at each step

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