



Acklin

agent based solutions

Mission Statement

Acklin develops and implements agent-based solutions that optimise communication between business processes. We combine results of scientific research with practical experience to develop state-of-the-art products and components

Organisation and Growth

Founded:

january 2001

Founders:

Chris van Aart

Ruurd Pels

Growth:



Services

- Methodology
- Training
- Feasibility analysis
- Analysis, design and implementation
- Consultancy

Intelligent Agents

- Intelligent agent
 - independent
 - pro-active, re-active
 - goal driven
- Multi-agent system
 - multiple agents working together
 - social goal
 - agent-organization/society

Type of agents (1)

- Personal Assistant
 - interviewer
 - user profile
- Expert-agent
 - has knowledge of some domain
- Legacy-agent
 - re-use existing systems
 - connect disparate systems

Types of agents (2)

- Broker-agent
 - match supply and demand
 - provide knowledge
- Middleman-agent
 - negotiations
 - auctions
 - voting

Agent Society

- Division of labor
 - specialization
 - co-ordination
- Cooperation
 - meeting places
 - problem solving
 - do business
 - advice and referral

Agent Technology (1)

- Next step in software engineering
 - software crunch
 - bandwidth crunch
- New concepts
 - independence
 - autonomy
 - mobility

Agent Technology (2)

- Relies on:
 - ubiquitous platform
 - multi-tier standards
 - technical communication standards
 - syntactic communication standards
 - semantic communication standards
 - pragmatic communication standards
 - standard interaction protocols

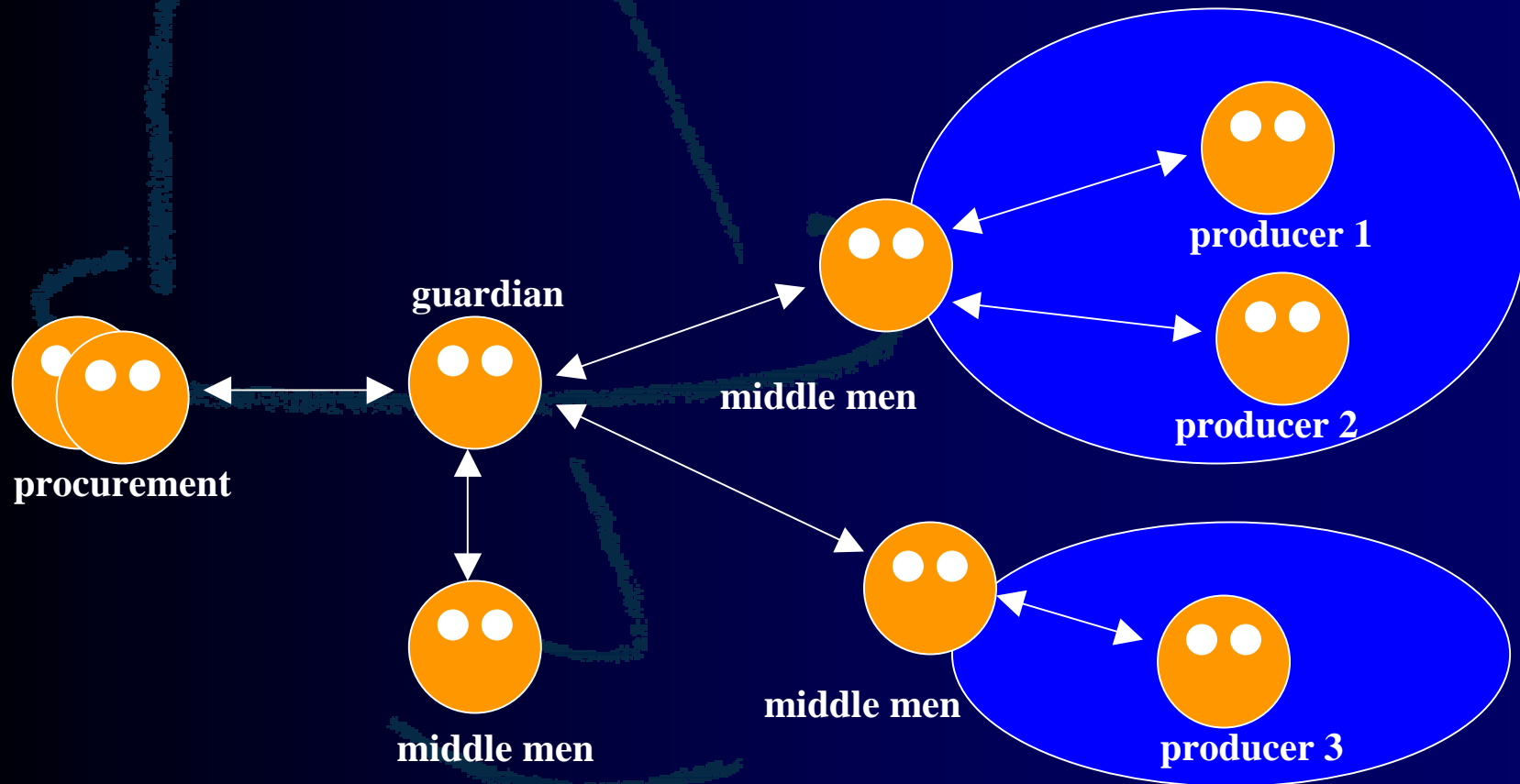
Agent Technology (3)

- Application of agent technology makes systems:
 - open
 - flexible
 - extensible
 - robust
 - durable
 - scalable

B2B Market

- number of market places increases
- scope of market places narrows
- available for all sizes of businesses
- develop from private trading spaces into open malls

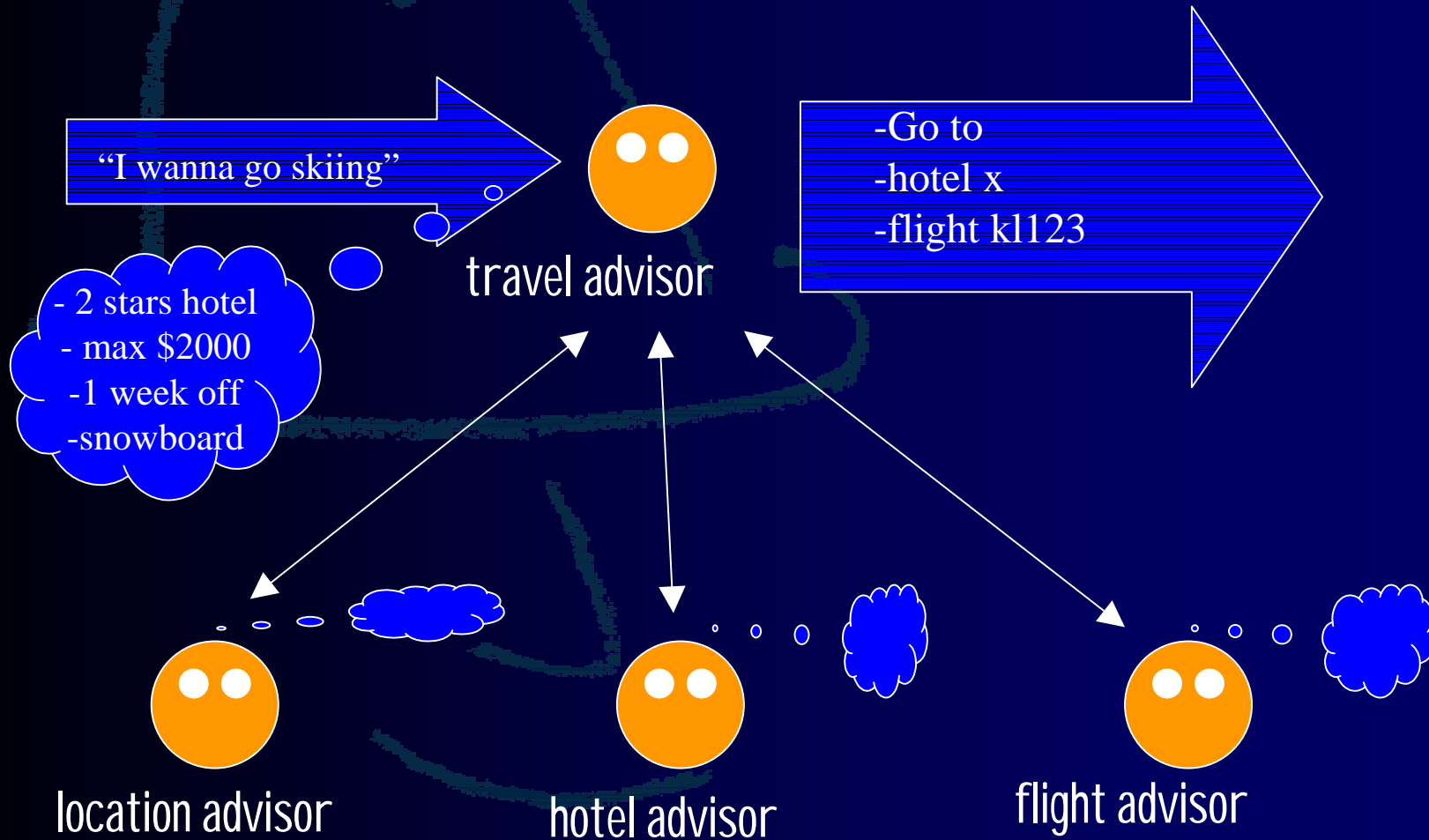
Example: B2B



B2C Market

- “The world is too much”
- “Information” overload
- Profiling, deep-linking, framing,...
- From CRM to E-services

Example: B2C



Internal business market

- push for web-enabling
- push for optimizing business processes
- push for integration of disparate (legacy) systems

Example: IB

