



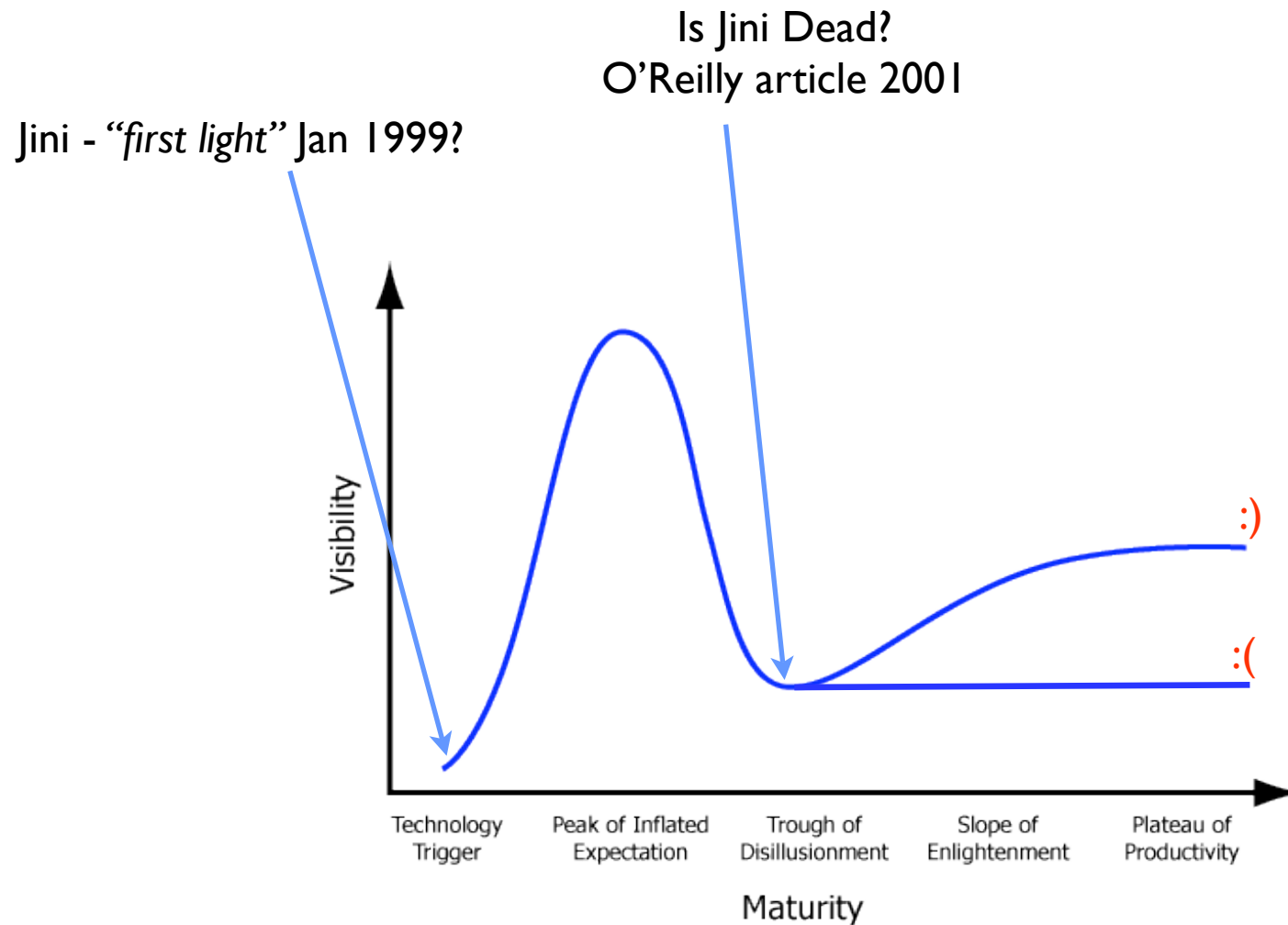
Intelligent Information Engineering

Why Jini must Adapt to Survive!

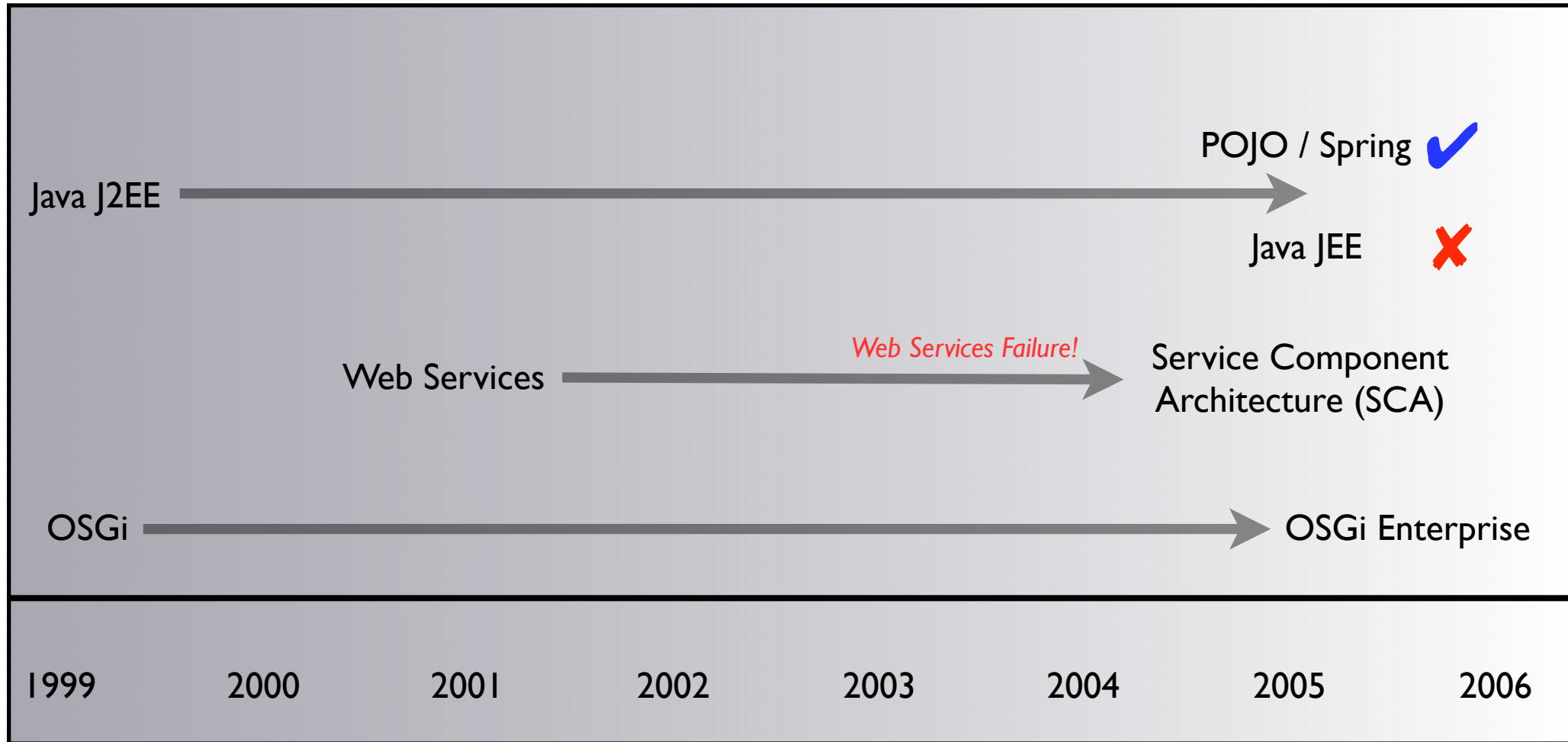
Richard Nicholson
CTO

*10th Jini Community Meeting
14th September 2006*

The Adoption Curve



Timing is Everything!





Jini

Still the best SOA in town!

Strengths

- SELF-HEALING - The basis for a Recovery Oriented approach to Enterprise SOA!
- ADAPTION - Smart Proxies allow behavior to be exchanged between services!
- A dedicated / talented Sun Jini engineering team!
- Community passionately cares!

Barriers to Adoption

- Hierarchical class loading is cumbersome and problematic.
- Installation / Configuration must be simple!
- Multicast - still a real ISSUE in enterprise environments!
- Lacks industry recognized component deployment & life-cycle management capability.
- Hamstrung by Sun Corporate! (But Not Anymore!!)

Paremus Observations

- *Group Think! - Jini has some VERY valuable characteristics but is not the whole story !!*



Service Component Architecture (SCA)

- Describes *Service Wire-Up (Language and Protocol Neutral!)*
- Strong Industry support (IBM, BEA, Oracle, Interface-21, Apache)

"SCA Is a Winner in the Quest to Establish a Common Notation for SOA", Gartner Research VP Jess Thompson, states,

"One of the most important aspects of SCA is that it establishes a foundation for a standard notation for expressing a standard set of concepts for specifying service-oriented architecture."

Question - Why is SCA Important to us?

Answer - Because it will break the Web Services / JEE strangle hold in the Enterprise :)



Open Services Gateway Initiative

OSGi is already making inroads into the enterprise, 2006/2007 will see this trend accelerate !!

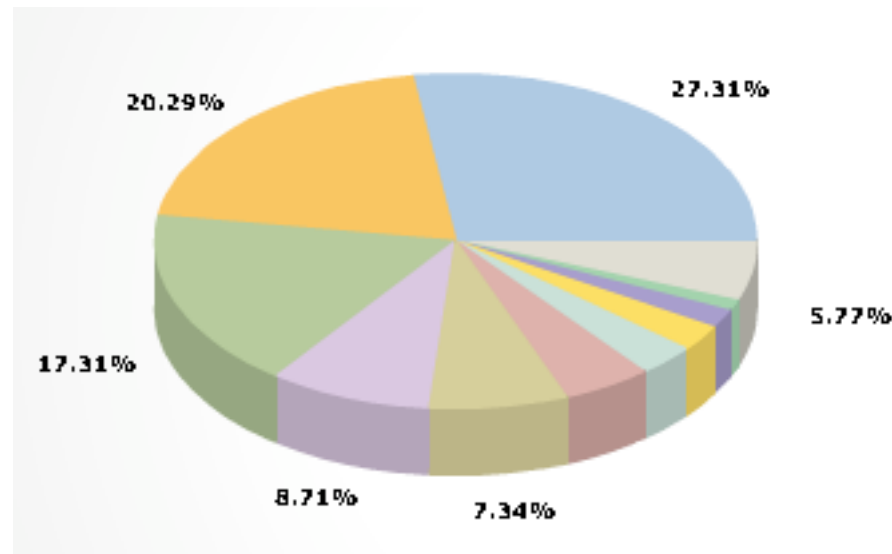
Strengths

- An Industry standard with strong support - (IBM, BEA, Oracle, Interface-21, Apache, Eclipse)
- Traction in a number of verticals.
- Technology -
 - Lightweight
 - Elegant Peer based class-loading model,
 - Powerful component deployment, Life-cycle management & Version Control
- An active OSS community (*Knopflerfish, Apache Felix, Eclipse Equinox*)

Weaknesses

- No understanding of distributed networked services - **at present!**

Referrals to www.codeCauldron.org



0.72% Referrals from Jini sites
20% Referrals from OSGi sites!!

How will the Story End ?

- OSGi and SCA industry activities, provide the **CONTEXT**
- It's not about being the best technology!
- To **survive** and **flourish** - Jini must be **relevant**!



WANT TO KNOW MORE? See David Savages talk “Towards SCA” this afternoon.



Also - check out “Newton” at
www.codecauldron.org/newton