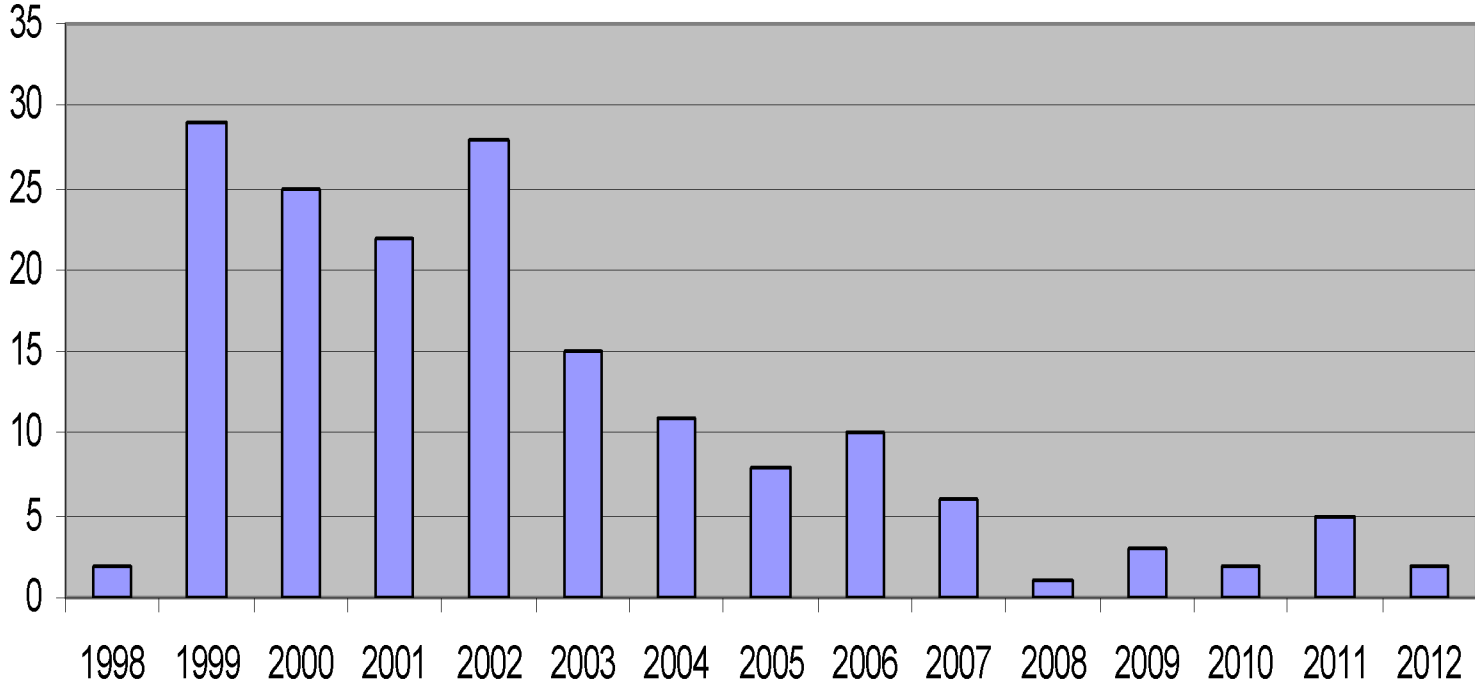IBM **Software**

Java Community Process
Ecosystem Perspectives
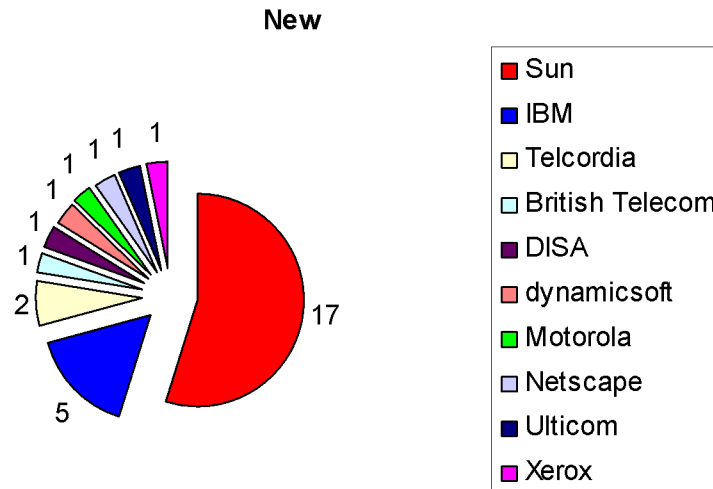
February 12, 2013

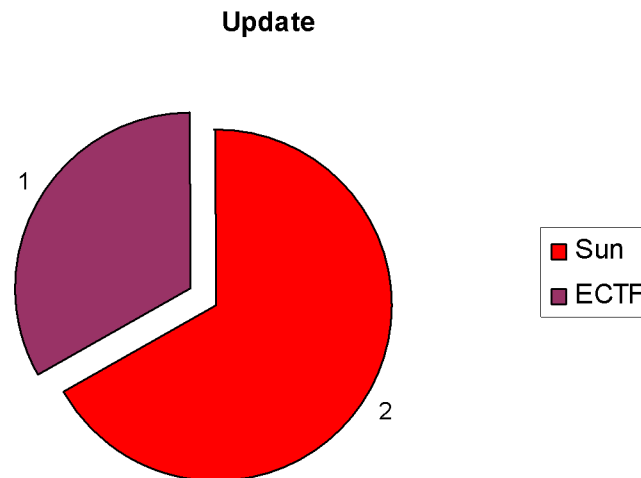# Retrospective – New JSRs over Time

New JSR Introduction

"New" means JSR proposed to expand either language, VM or libraries, and either Active or successfully completed the JCP process.

Retrospective – JCP, first 12 months

New

Legend:
- Sun
- IBM
- Telcordia
- British Telecom
- DISA
- dynamicsoft
- Motorola
- Netscape
- Ulticom
- Xerox

Of the 31 active JSRs that introduced new elements:

- Oracle (or acq's): 55%
- Nine other ecosystem participants
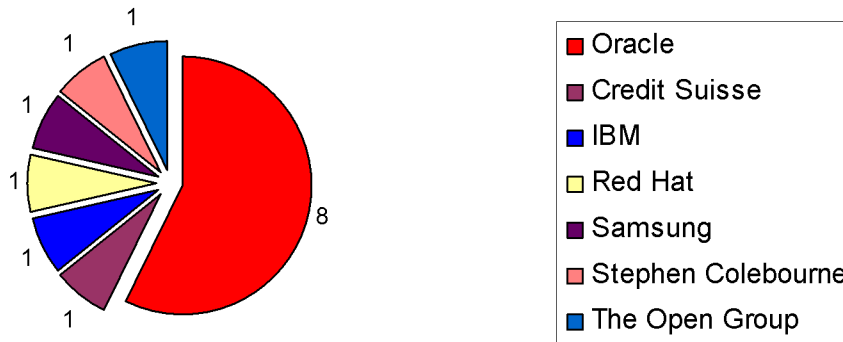
Update

Legend:
- Sun
- ECTF

Of the 3 JSRs that updated existing elements:

- Oracle (or acq's): 66%
- One other ecosystem participant
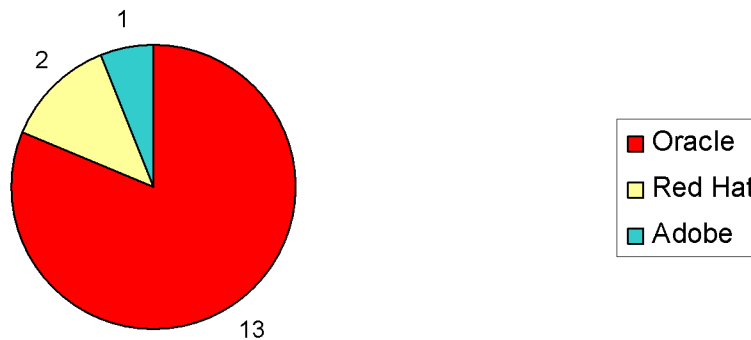
3

Current "Active"

New

Of the 14 active JSRs that introduce new elements:

- Oracle (or acq's): 57%
- Six other ecosystem participants

Update

Of the 16 JSRs that update existing elements:

- Oracle (or acq's): 81%
- Two other ecosystem participants

JSR Leadership Pattern

	Update	New Java Extensions						Total
		Acquired	Core	Platform	Umbrella	Libraries	Specialty	
Adobe	1							1
Credit Suisse						1		1
IBM						1		1
Oracle	9	1	2	5	4			21
Red Hat	2					1		3
Samsung						1		1
Stephen Colebourne						1		1
The Open Group							1	1
Total	12	1	2	5	4	5	1	30

Pattern seems to be:

- If update, then old SpecLead (increasingly, Oracle)
- If new then choose:
  - Core language or VM change: Oracle
  - Platform change: Oracle
  - Umbrella: Oracle
  - Other (i.e., libraries or specialty): Domain expert chosen from ecosystem

Discussion Points

- The Java core platforms appear to be entering maturity

- Given Oracle stewards those platforms, the concentration in spec leadership is a natural consequence of that maturity

- Given all the opportunities out there (e.g., mobile, cloud, polyglot), is it a foregone conclusion that new JSRs should dry up?

- Is there enough ecosystem involvement in Spec Leadership?

- If not, what should the EC be doing to revitalize the Java community's innovation in Java?
  - The current legal construct design point is platform focused – JSR 358 could change that to encourage broader involvement
  - EC recruiting effort for spec leads for specific hot-point JSRs?
  - …?