

Collaboratively Evolving Ecosystems

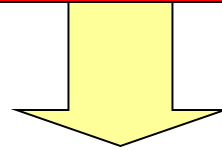
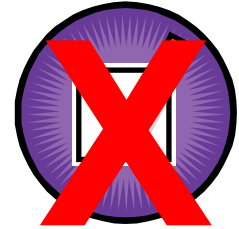
Andy Stein
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GOSCON 06
GOVERNMENT OPEN SOURCE CONFERENCE

From Silos to Ecosystems

From

$N * \text{Buy or } N * \text{Build}$



TO

$1 * \text{Build} + N * \text{Improve}$



**where
"N"**

= 50 States
or
= 20,000 Localities

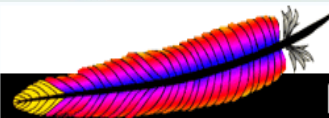


COLLABNET.

 **mozilla.org**

Apache

HTTP SERVER PROJECT



Brian Behlendorf

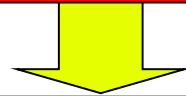
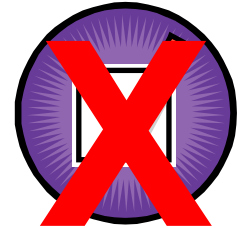
The Ecosystem

- Where the leverage is
- Open Source products are good, but the process is more valuable
- A successful ecosystem requires
 - a champion for initial value creation
 - a critical mass of contributors for sustainability
 - asynchronous for growth
 - public-private partnerships for maintainability
 - collaboration friendly IP (open) agreements
 - must meet (feed) everyone's needs

From Silos to Ecosystems ++

From

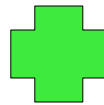
**N^* (Buy or Build)
 N^* (Implement + Support)**



**1^* Build + N^* Improve
or 1^* Leveraged Buy**



To



**Shared Implementation/ N
Shared Services/ N**



= 50 States or 20,000 Localities

Collaborative Life Cycle: Acquisition + Implementation + Services

1 * Build + N * Improve

- ❖ License:
 - Open Source
 - Community Source
- ❖ Technology:
 - Open Source
 - Proprietary

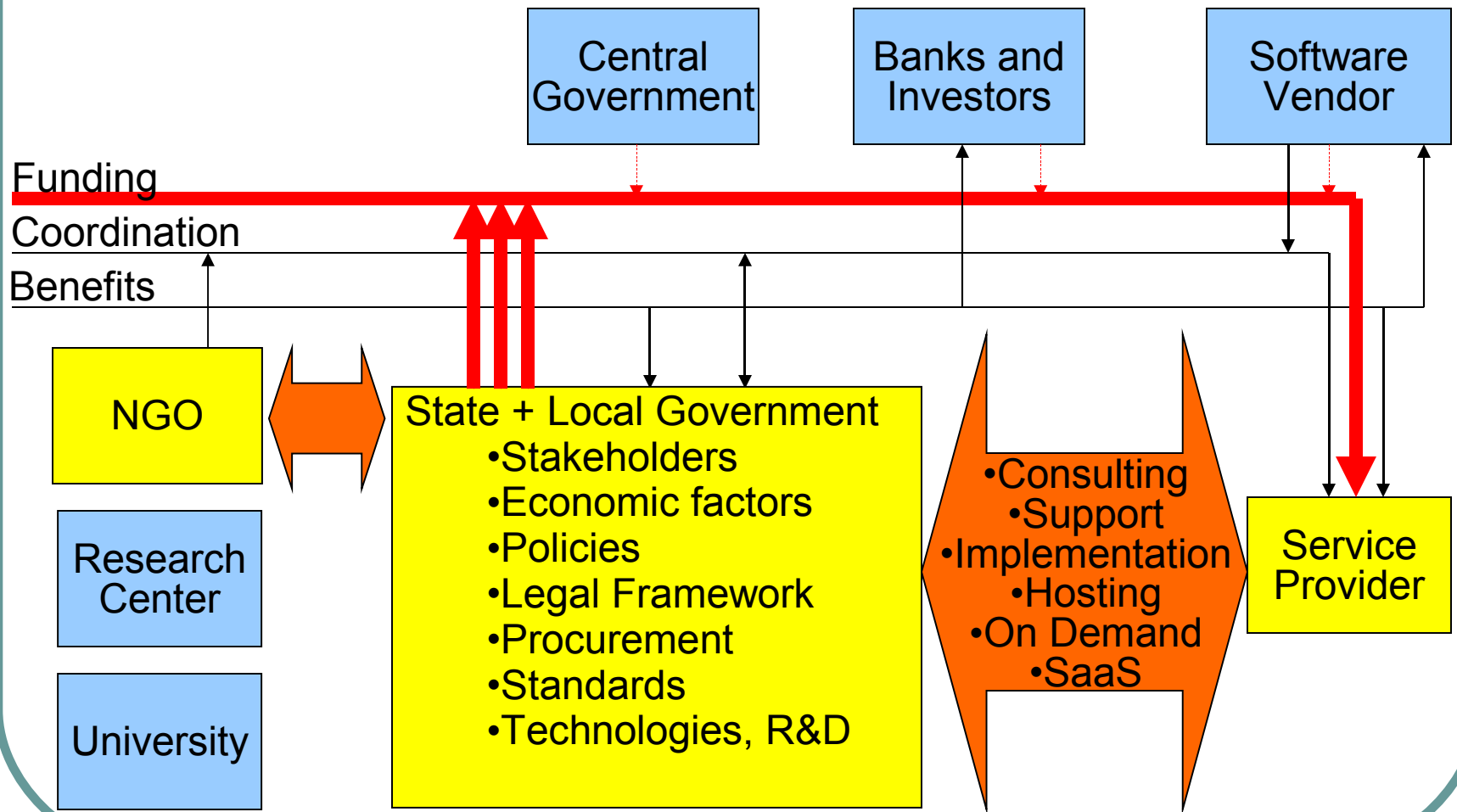
1 * Leveraged Buy

- ❖ Proprietary License:
 - Shared
 - Consortium/NGO
- ❖ Technology:
 - Proprietary
 - Open Source

Shared Implementation Shared Services

- ❖ Software as a Service
- ❖ On Demand
- ❖ Shared Hosting
 - Consortium/NGO
 - Private Sector
- ❖ Community IP
 - Best Practices
 - Configuration Settings
- ❖ License Owner:
 - Consortium/NGO

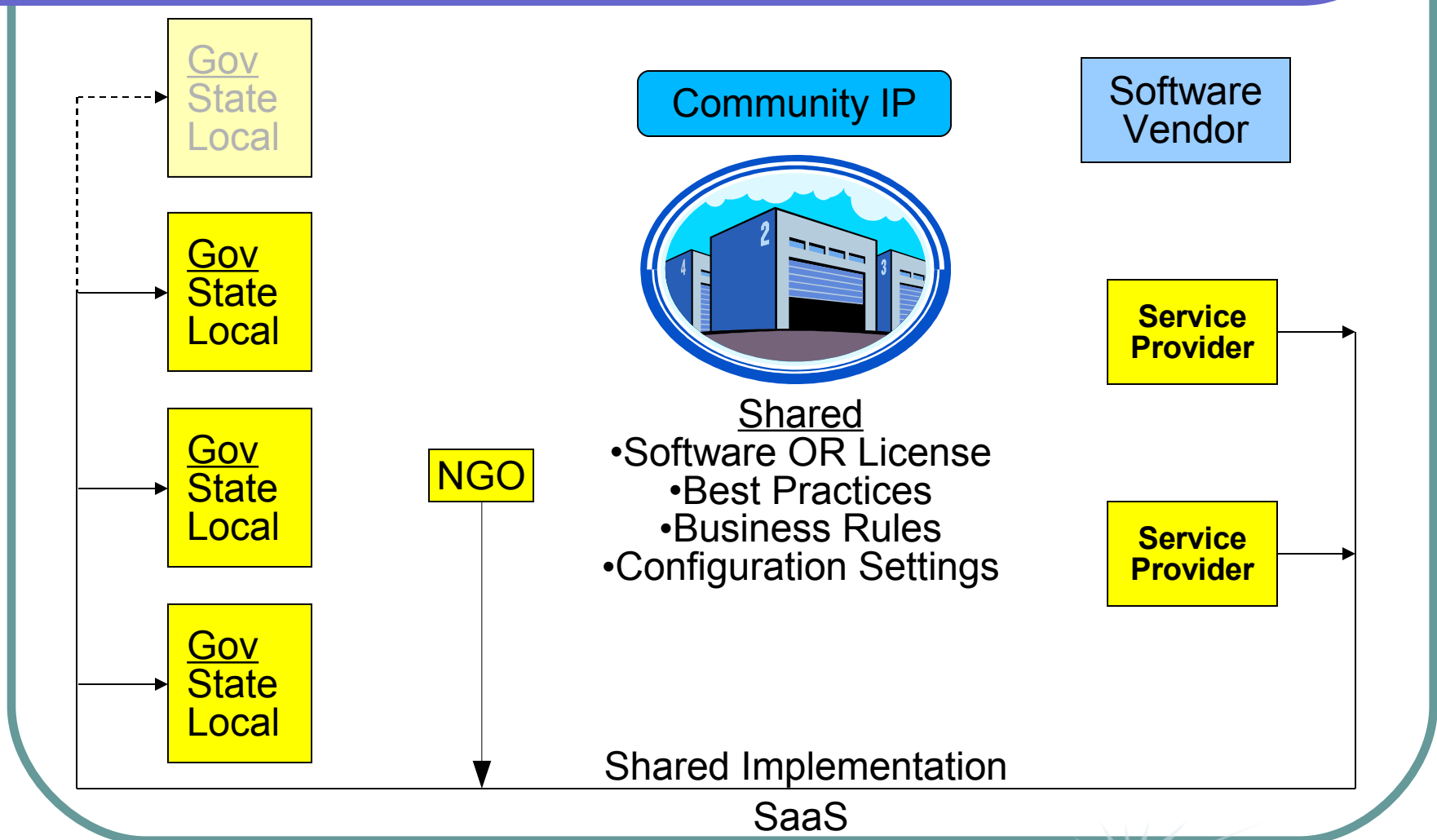
Collaboratively Evolving Ecosystem The Framework



Source:
 Gartner – “Government Open Source Ecosystem”, June 2006
 Open ePolicy – “Roadmap to Open ICT Ecosystem”, 2005

Collaboratively Evolving Ecosystem

The Consortium



Collaborative Life Cycle: The Role of Open Source

1 * Build + N * Improve

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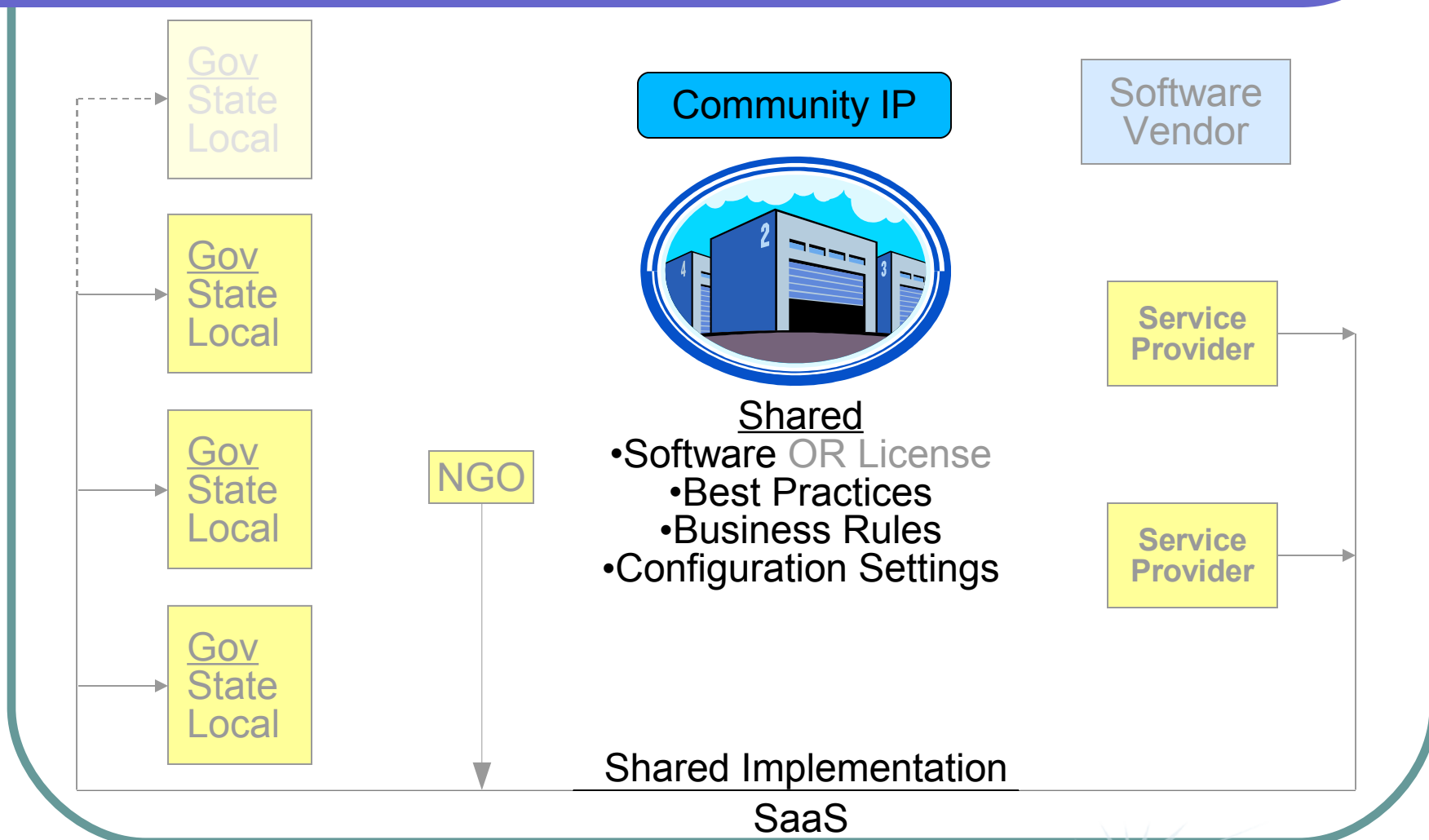
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The Role of Open Source



Collaborative Life Cycle: Case Studies

1 * Build + N * Improve

- ❖ WA Regional Permits
- ❖ WA Regional GIS
- ❖ NC Taxation
- ❖ Sakai
- ❖ Open RMS
- ❖ Open eGov

1 * Leveraged Buy

- ❖ TX ERP
- ❖ CT LMS

Shared Implementation Shared Services

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- ❖ WA Regional Permits
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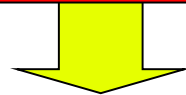
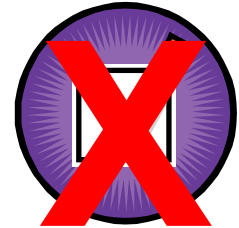
More Information

TX ERP	www.nctcog.org/ris/
CT LMS	www.ctdlc.org/
WA Permits	www.ecitygov.net/
WA GIS	www.ecitygov.net/
NC Taxation	www.iisfirst.com/ncpts.htm
Sakai	www.sakaiproject.org/
Open RMS	capsit.org/cmt/
Open eGov	www.nngov.com/openegov/

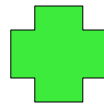
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