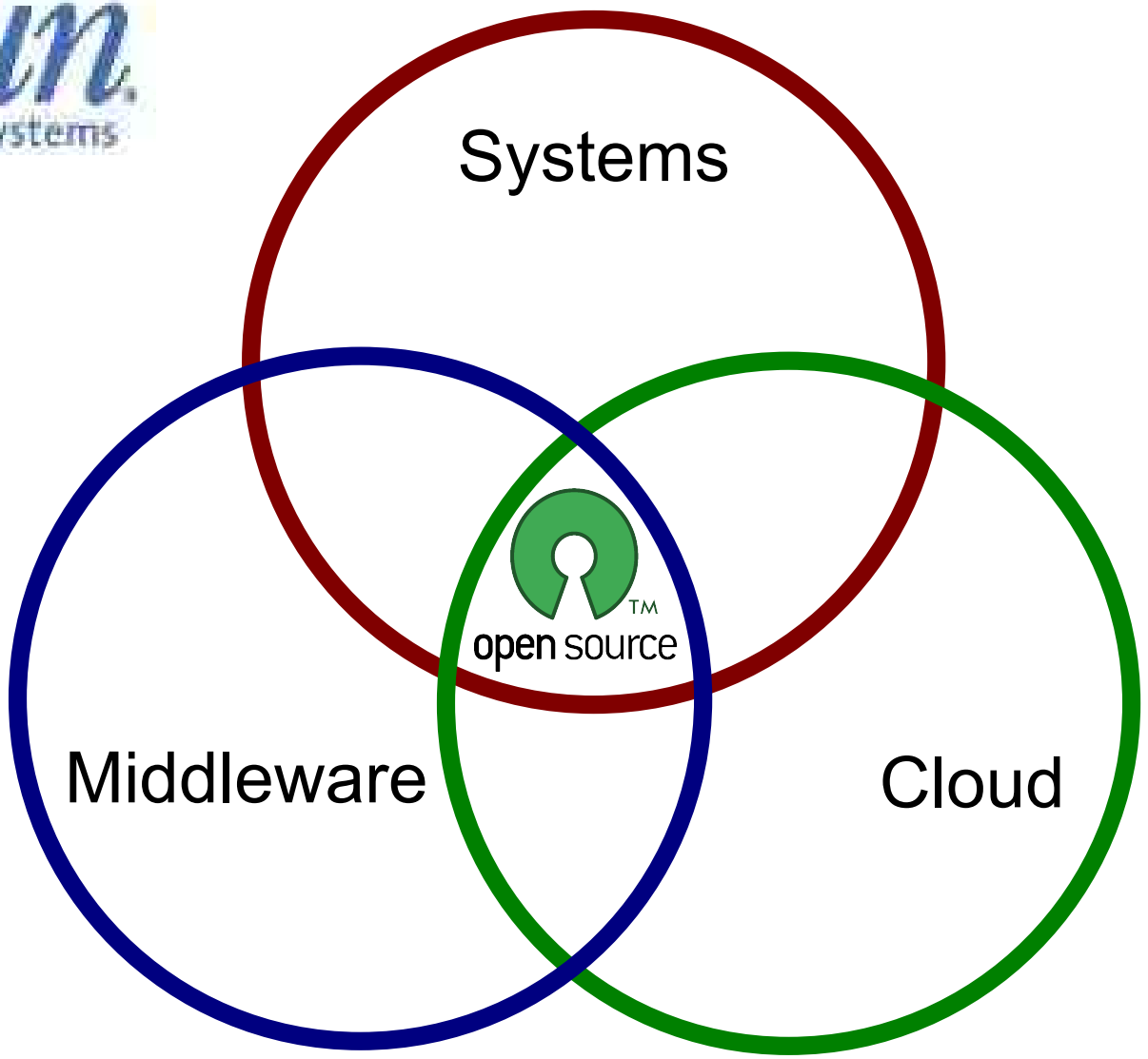
Blank slide

Pressures on Open Source

Free Software Trends and Directions

Simon Phipps
Chief Open Source Officer
Sun Microsystems
http://www.webmink.net/

looku.com


Systems
Middleware
Cloud
open source

3

1

Third Wave?

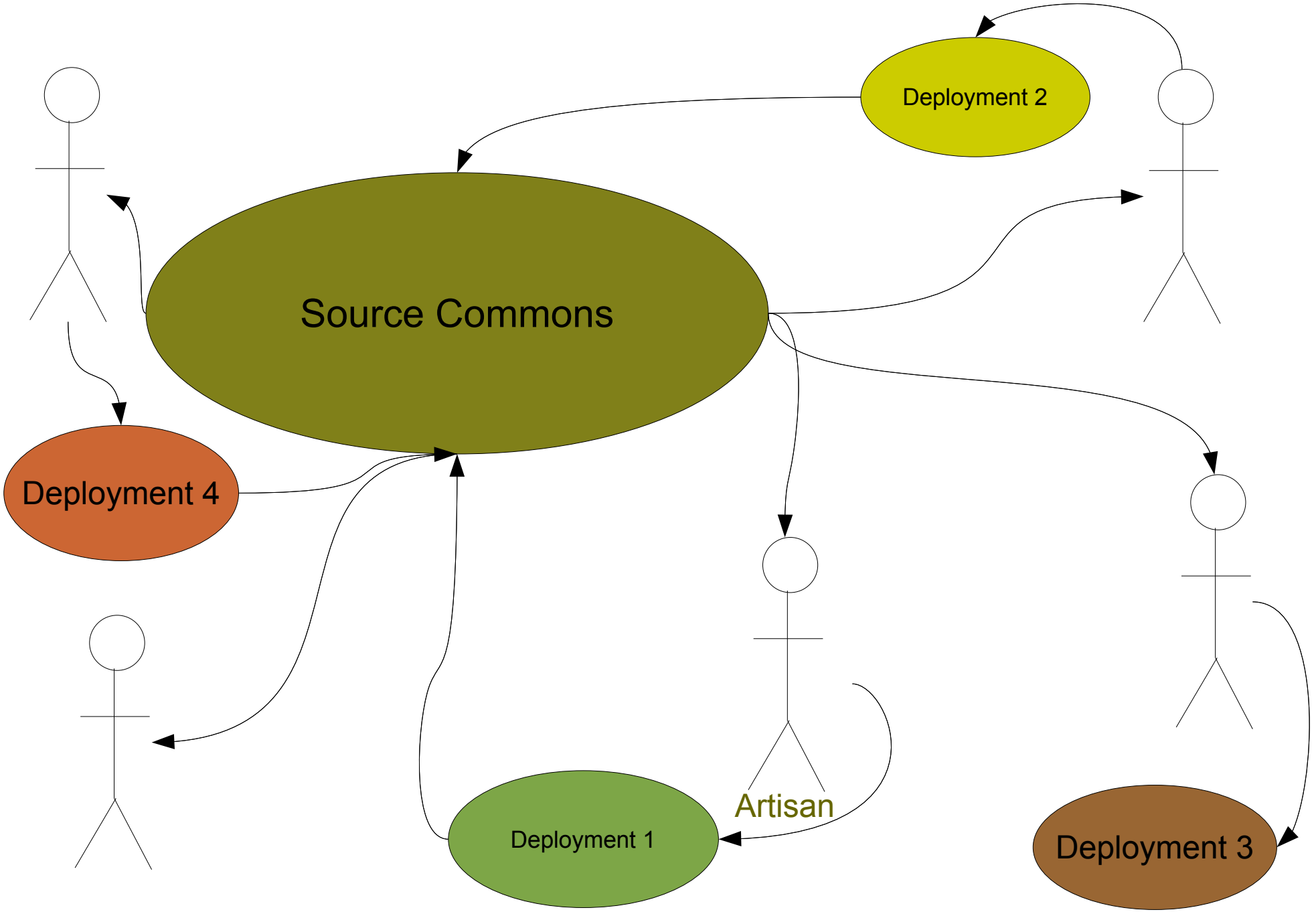
STALLMAN

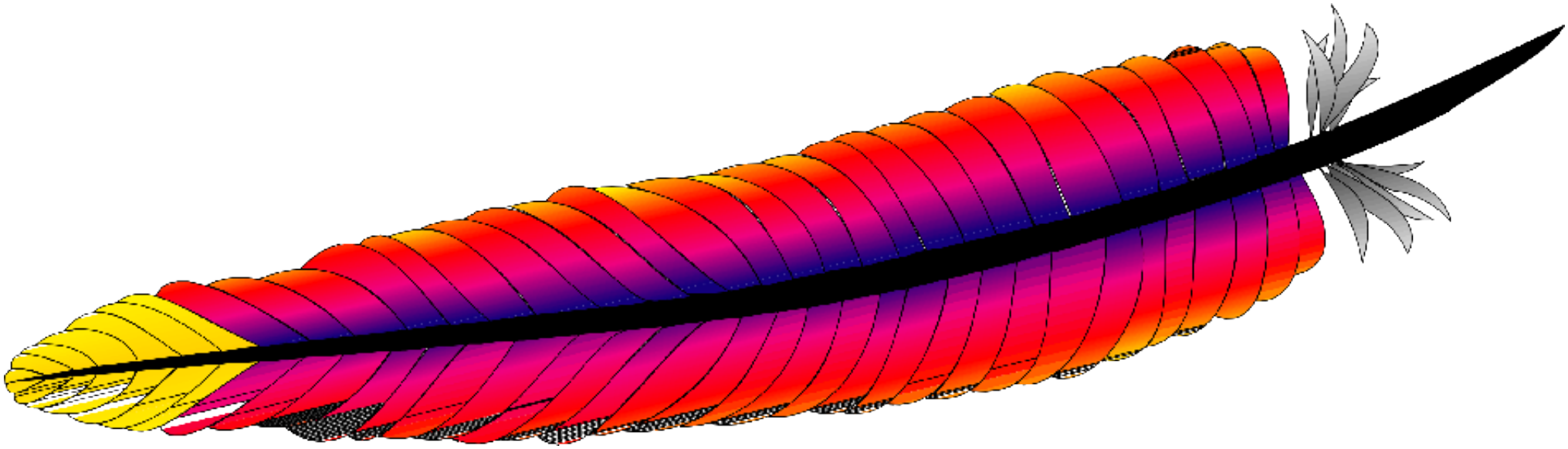
Software Freedoms

- Use
- Study
- Modify
- Distribute

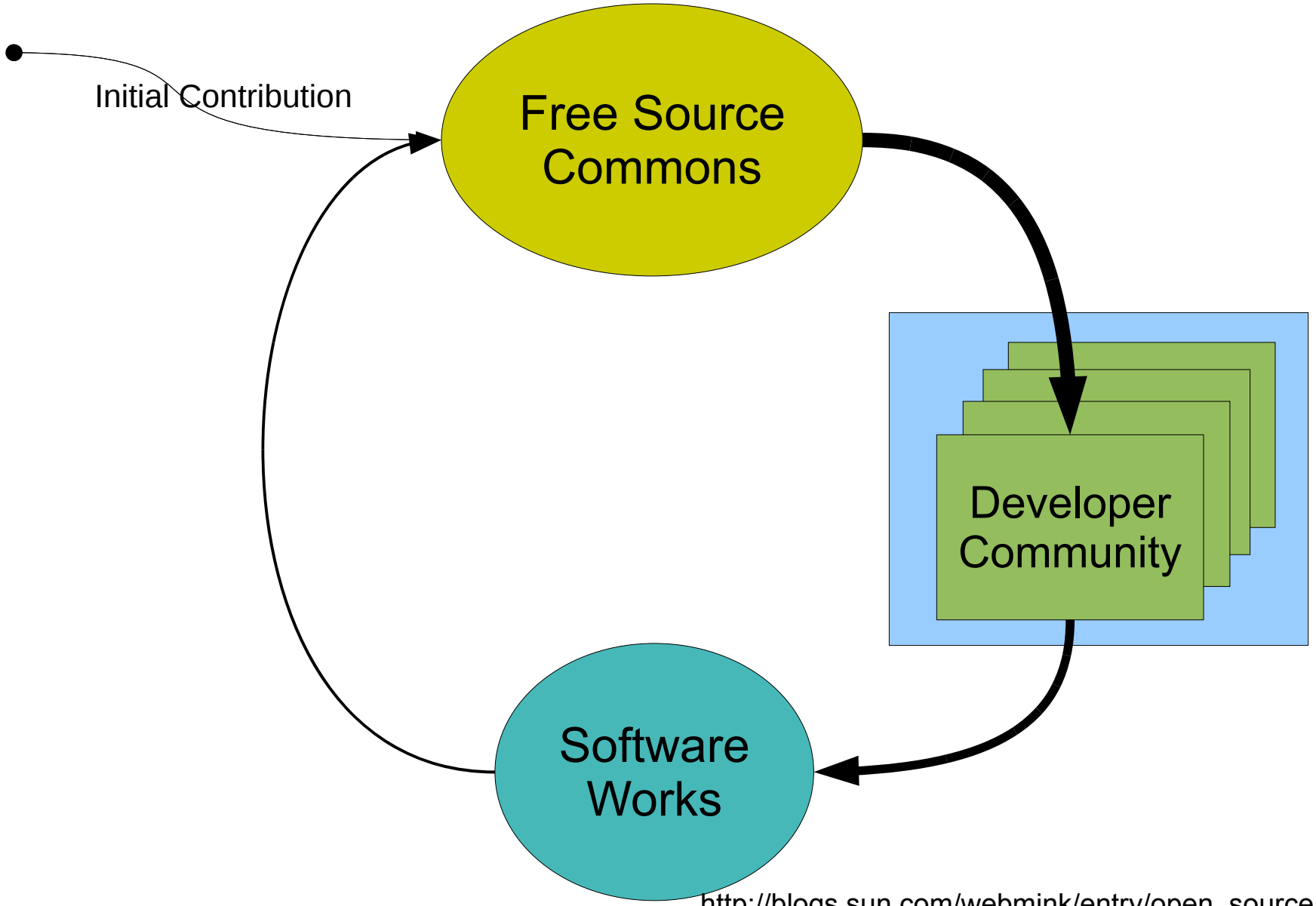
Easy Collaboration

Open Source Ecosystem





Virtuous Cycle Model of Open Source



http://blogs.sun.com/webmink/entry/open_source_business_defined

Synchronization of Self Interest

ubuntu

TM

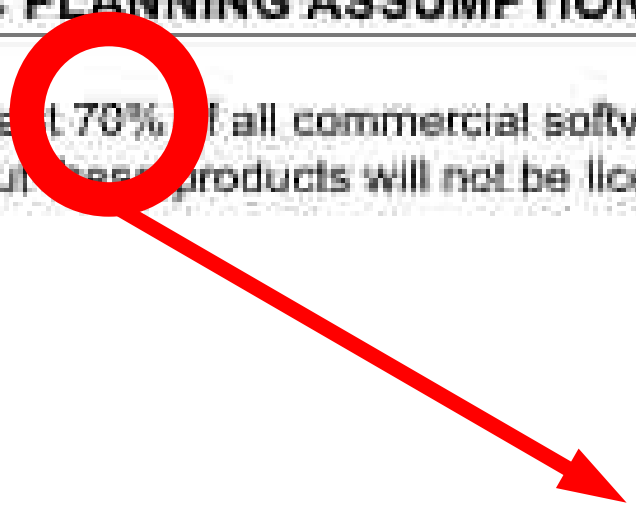
open source

GPL
Free Software
3

Gartner

STRATEGIC PLANNING ASSUMPTION(S)

By 2012, at least 70% of all commercial software will contain elements of open-source code (0.8 probability), but these products will not be licensed as open source.



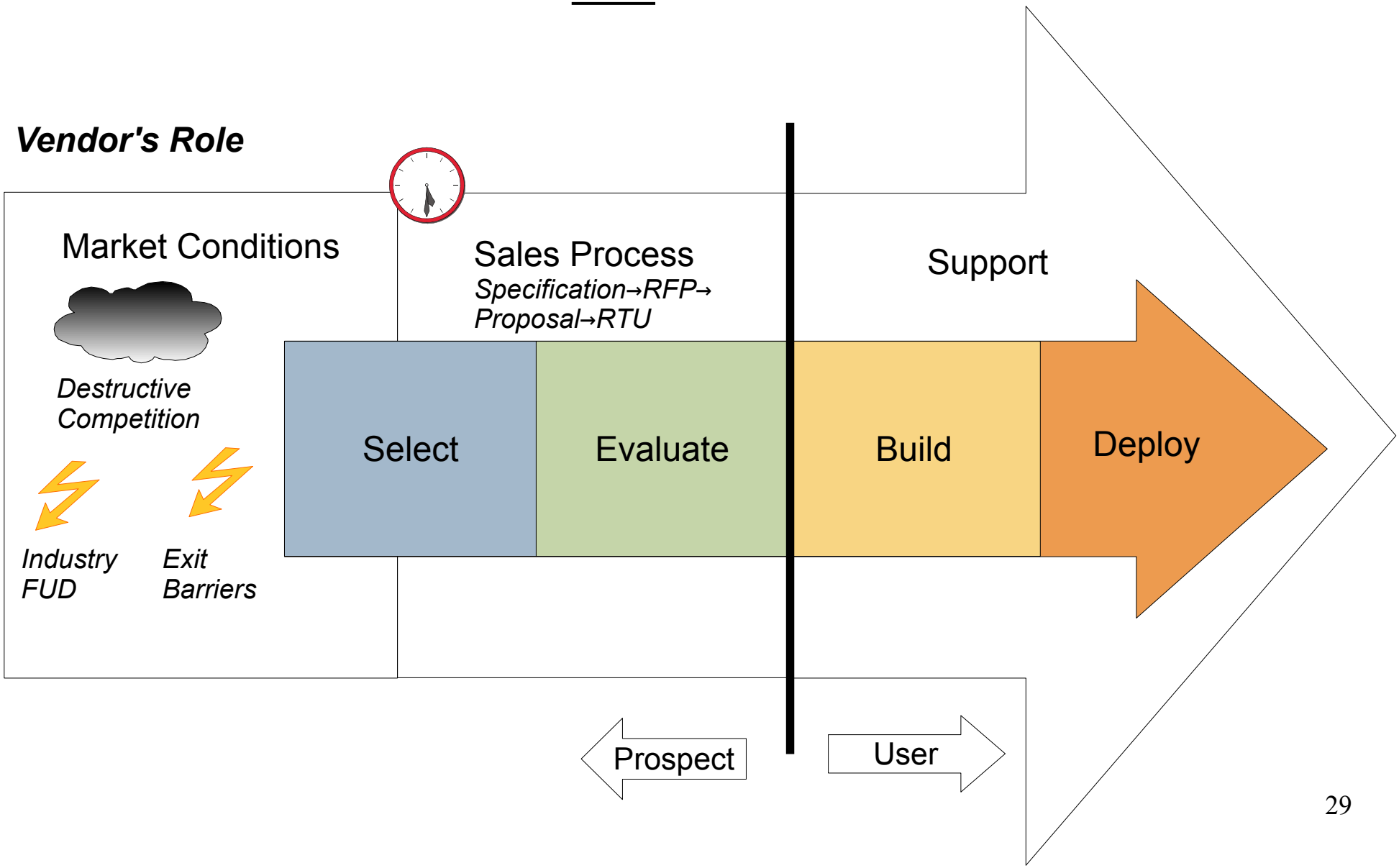
90%

2

Adoption

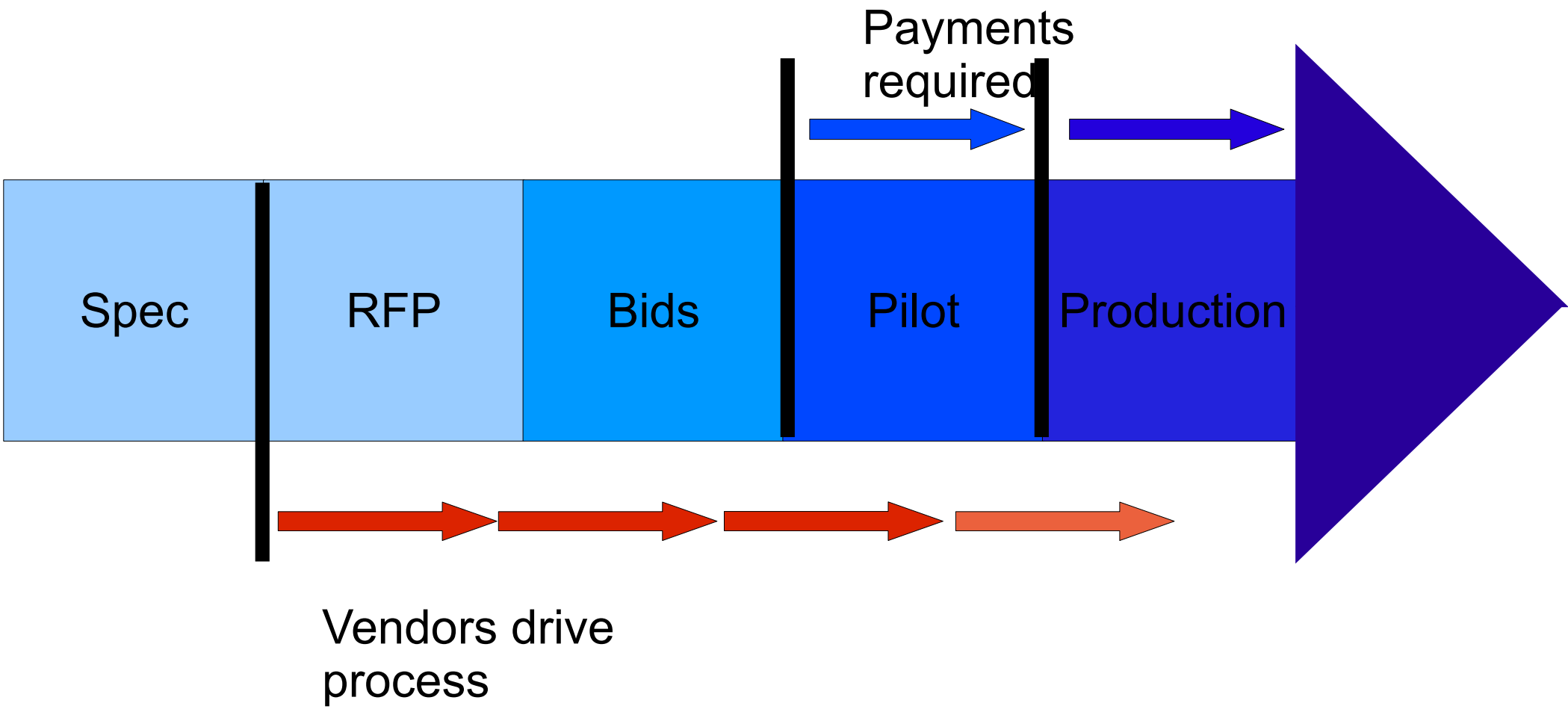
Procurement-Driven Market

Users Are Customers



Procurement-Driven

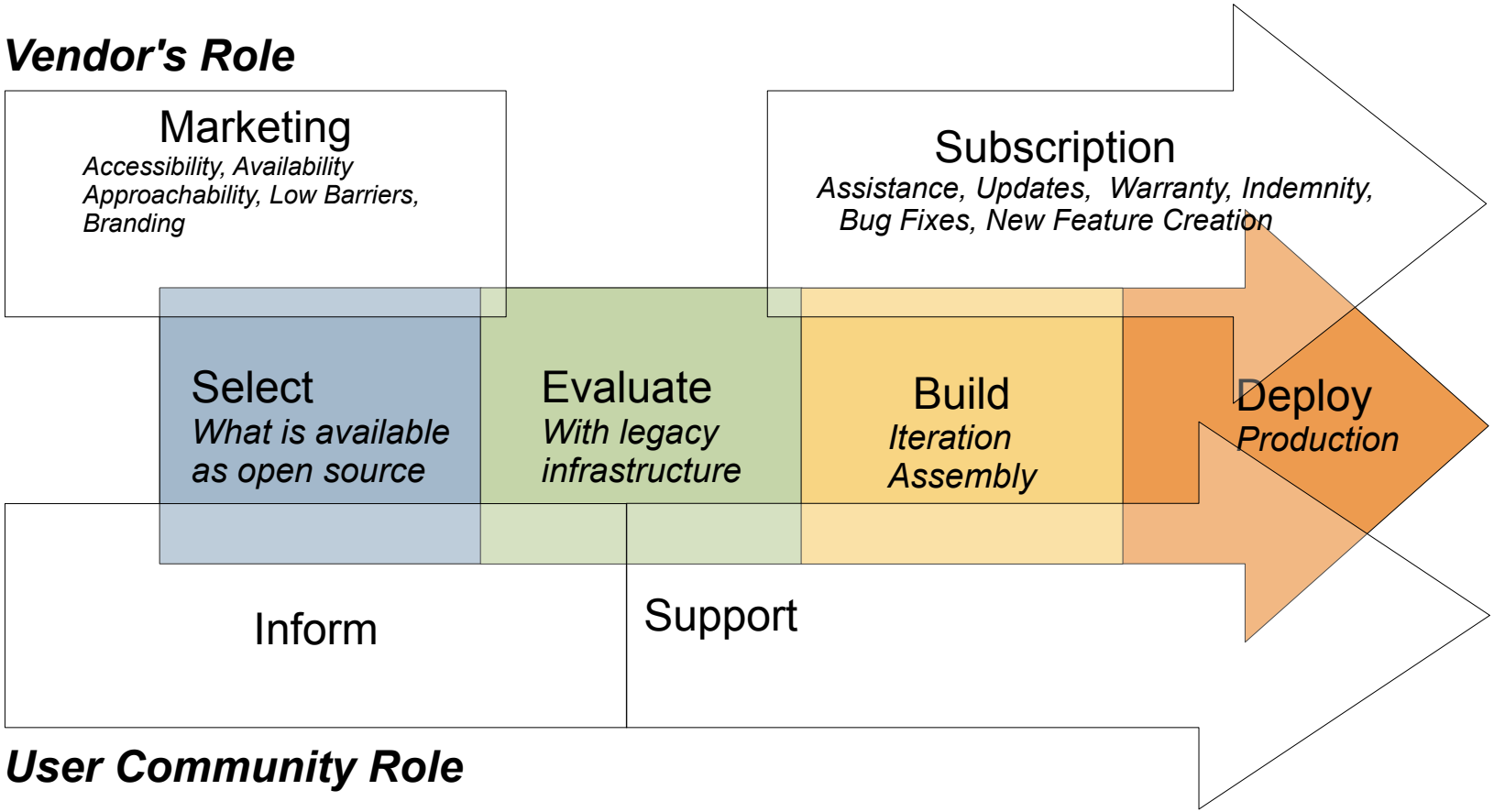
Customers become Users



Create a system,
create the game that plays it

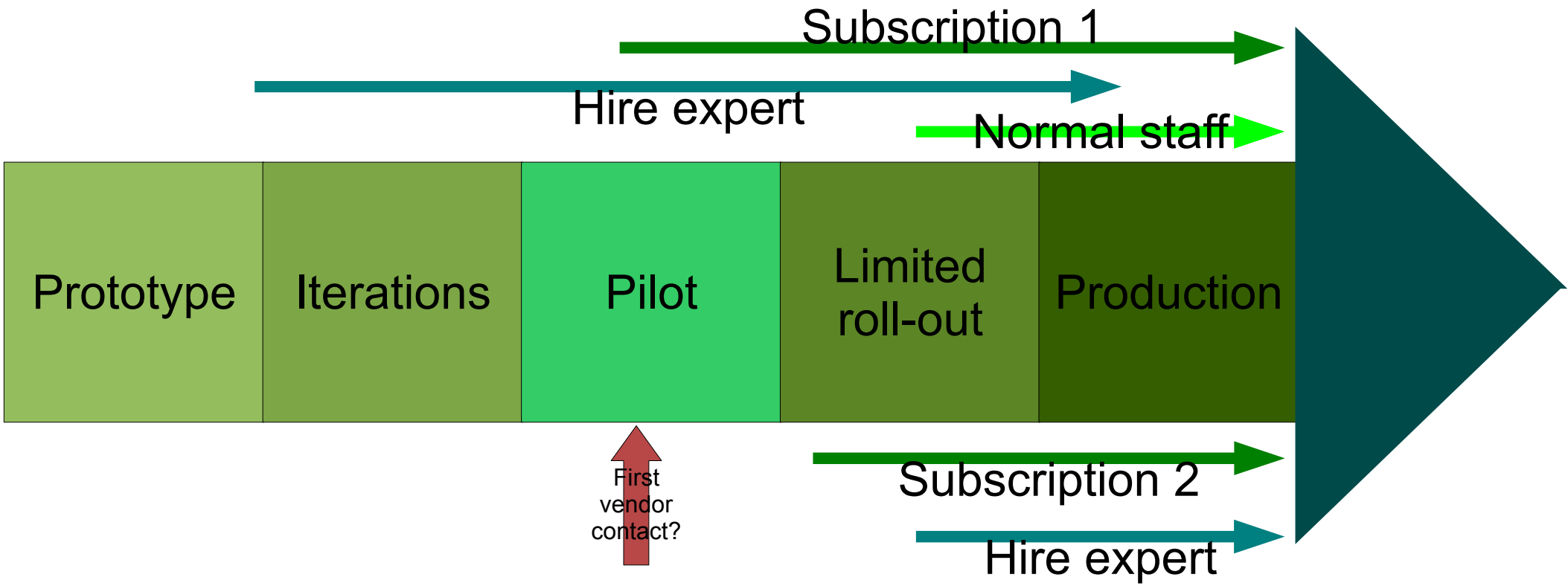
Adoption-Led Market

Users Become Customers



Adoption-Led

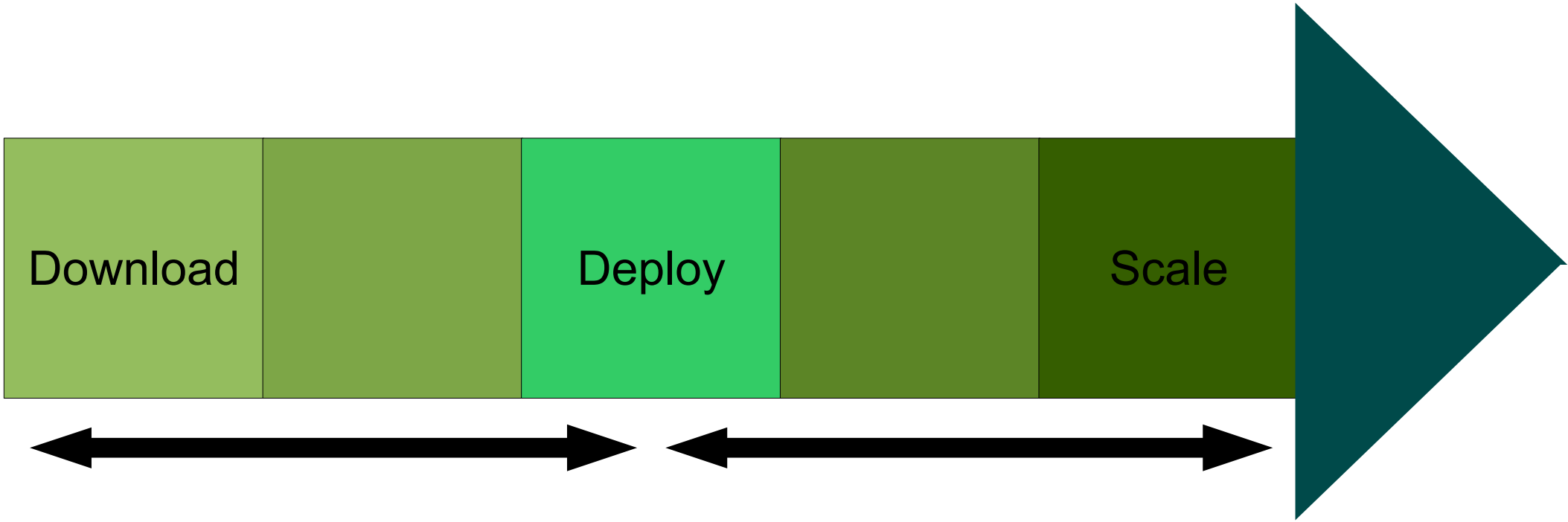
Users Become Customers



Per solution, even per component:

- Hire the staff
- Buy the vendor subscription
- Spread the load to normal staff

“The” Open Source Business Model



- Promote adoption
- Develop adoption community
- Remove barriers to deployment

- Deliver value for fee
- Support scaling
- Subscriptions

The Subscription Model

- The Subscription contains all the license used to offer
  - Support

The Subscription Model

- The Subscription contains all the license used to offer
  - Support
  - Defect Resolution/Warranty
  - Upgradeability
  - Indemnity
  - Production support tools
- … Plus a permanent, inalienable right-to-use

Policy Tip:
Make policy enable adoption-led factors

Freedom

Software Freedoms

- Use
  - Adoption-Led, Implement & Iterate
  - Succeed – or fail - early
  - Budget Control
- Study
  - Access to experts
  - Proven solutions
- Modify
  - Rich marketplace
  - Innovation freely possible
- Distribute
  - To your ecosystem
  - To every citizen
  - Within web pages & devices

The Greatest Enemy of Freedom is a Happy Slave

Specific Issues

Trademarks

FOSS Licensing: TNG

“A license describes the environment for a business relationship”

Corporate Lawyer

“A License is the constitution for a community”

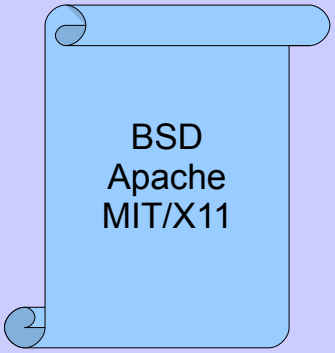
Eben Moglen

License Classes

Class A

"Unrestricted"

- Create any work
- No restrictions on licensing

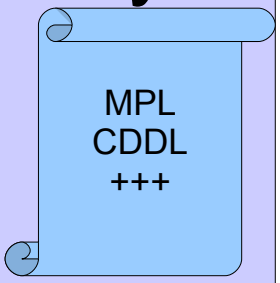


Market-creating

Class B

"File-based"

- Files derived from commons must use license B
- Files added may use any license

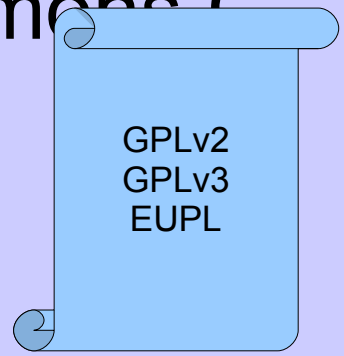


Community-protecting

Class C

"Project Based"

- All files in project must use license C if any file derived from commons C

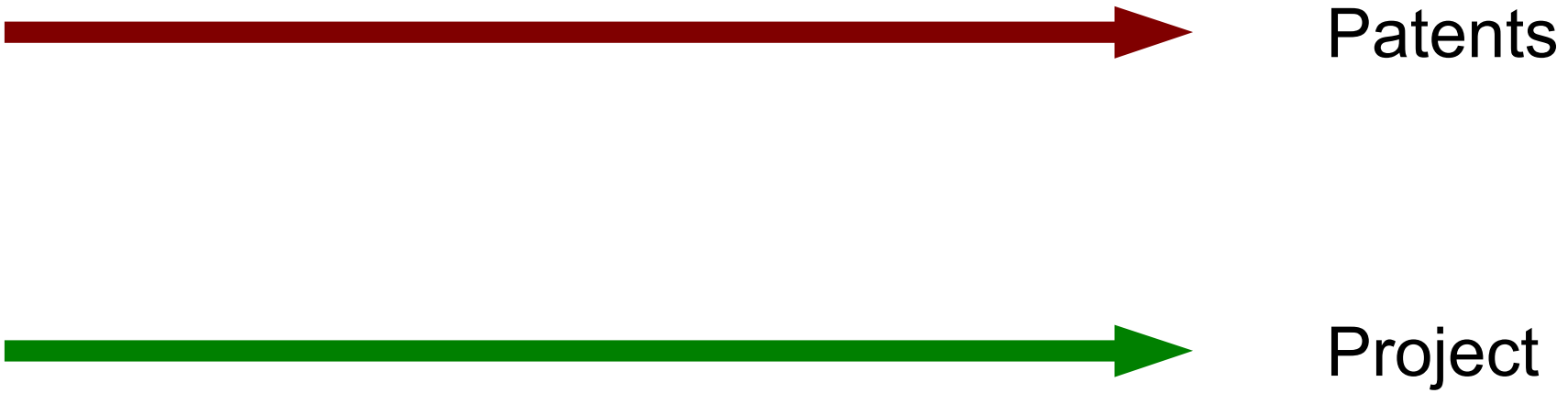


Transparency-Imposing

Software Patents

Broken.

Unhealthy (at best)



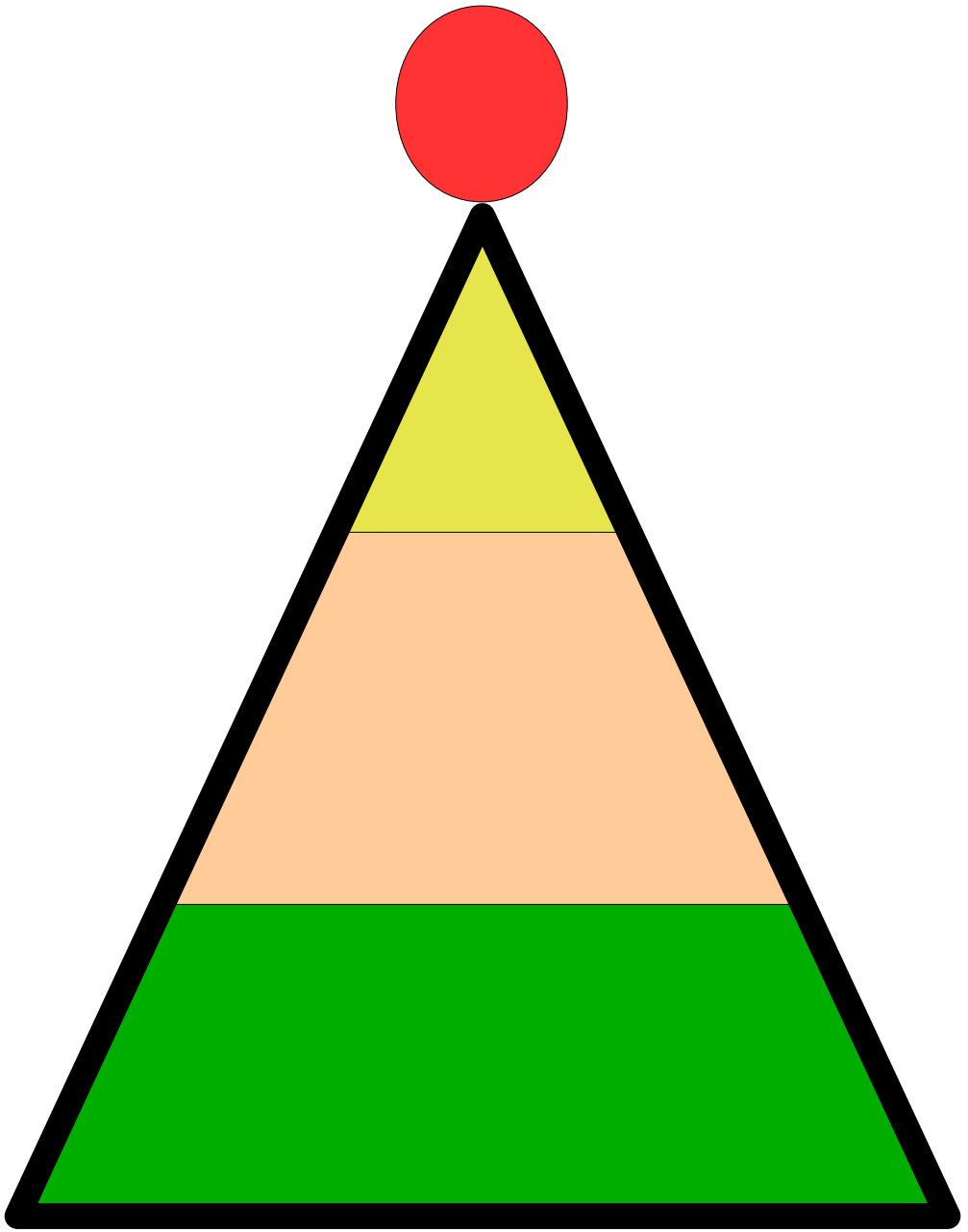
“Parallel Filing”

Patron

Grants

Covenants

Licenses

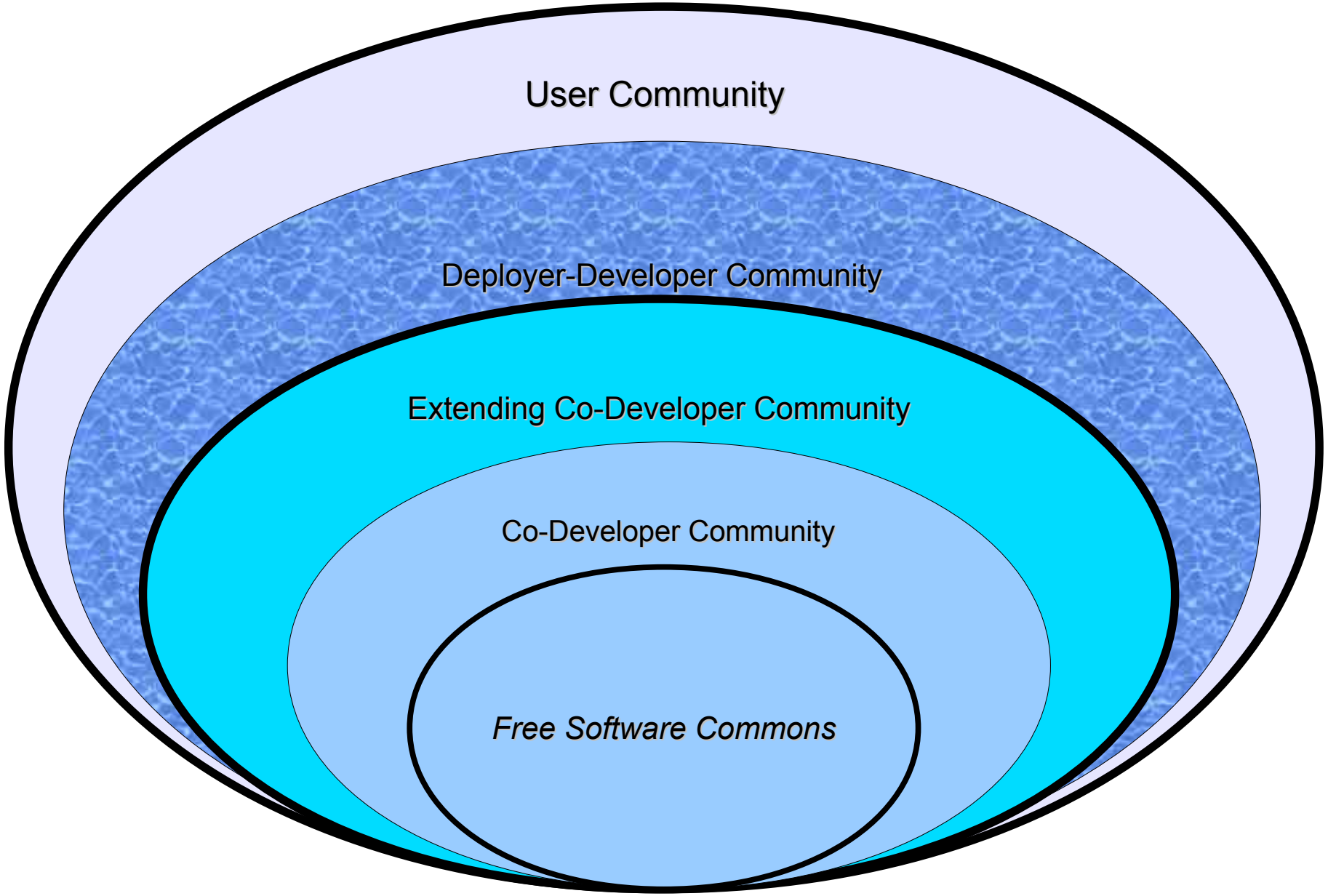


Community

Transparency

United Diversity

Distributed Authority



http://blogs.sun.com/webmink/entry/community_roles

Corporate Behaviours

No Ground
Fires

Sun and Open Source

netBeans.org

OpenOffice.org

opensolaris

Project GlassFish

OpenSPARC

MySQL

xVM VirtualBox

Java™

Corporate Patron
Free Software Foundation

php

Perl

Apache Derby

© http://www.flickr.com/photos/tippy/245562070/

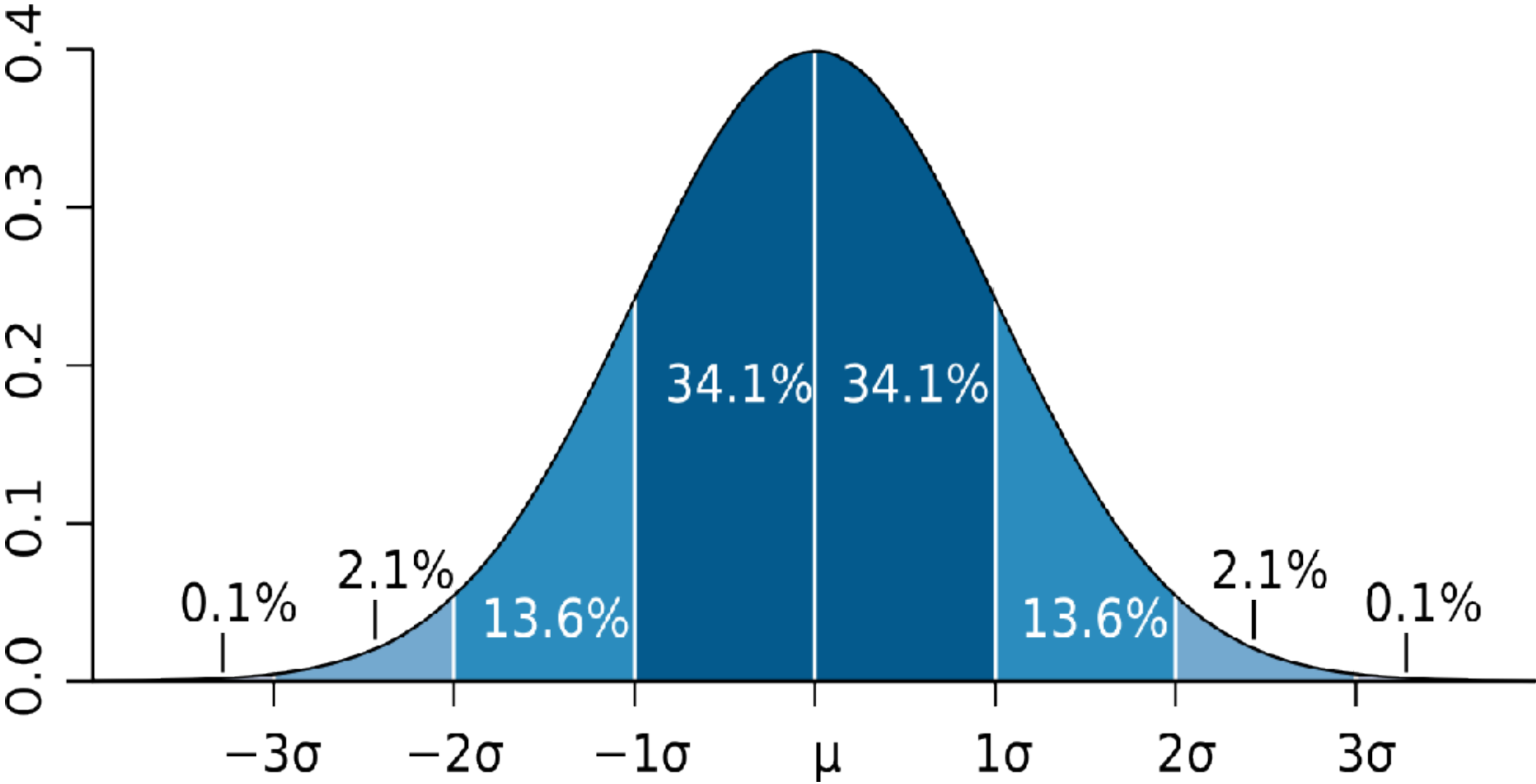
Free Software
In
Open Source
Communities

Richard Stallman

Thank-you!

http://www.webmink.net

Transparency
With
Privacy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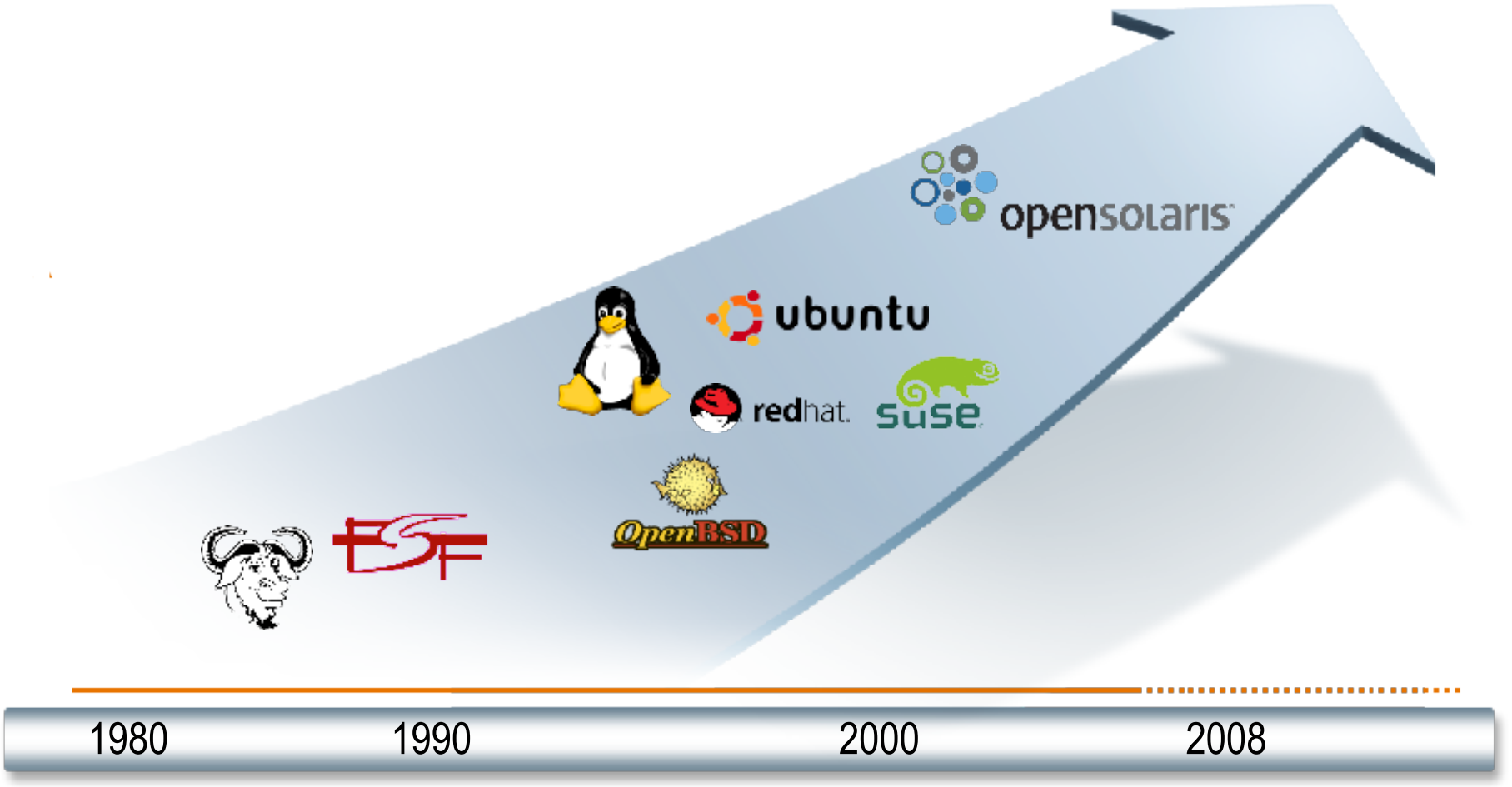
INDIA

5º Fórum Internacional
Software Livre
A tecnologia que liberta
CAIXA

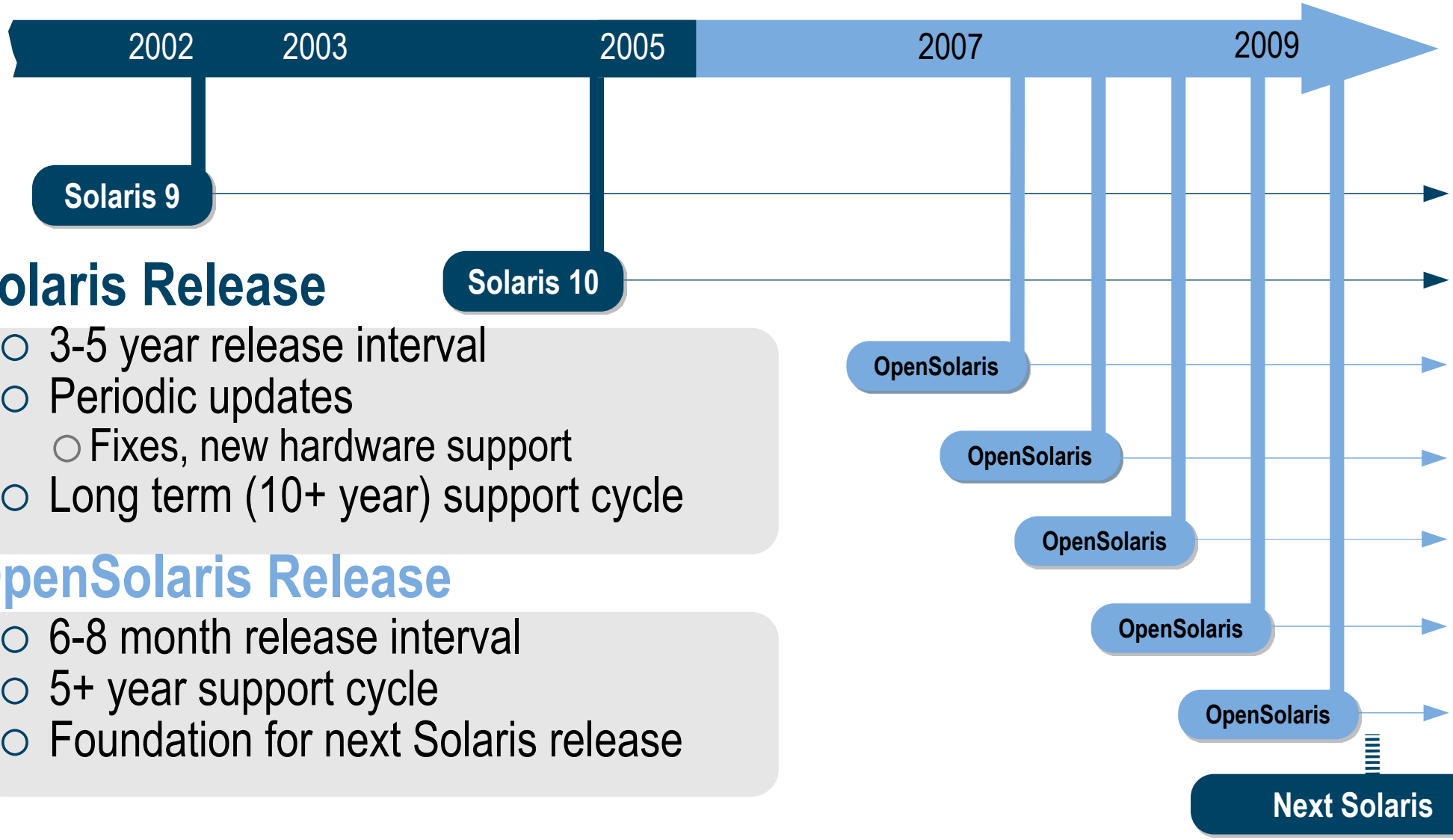
2006开源中国 开源世界

Open Source Operating System Evolution



Solaris Release Model

20 Years, One Development Base



Solaris Release

- 3-5 year release interval
- Periodic updates
  - Fixes, new hardware support
- Long term (10+ year) support cycle

OpenSolaris Release

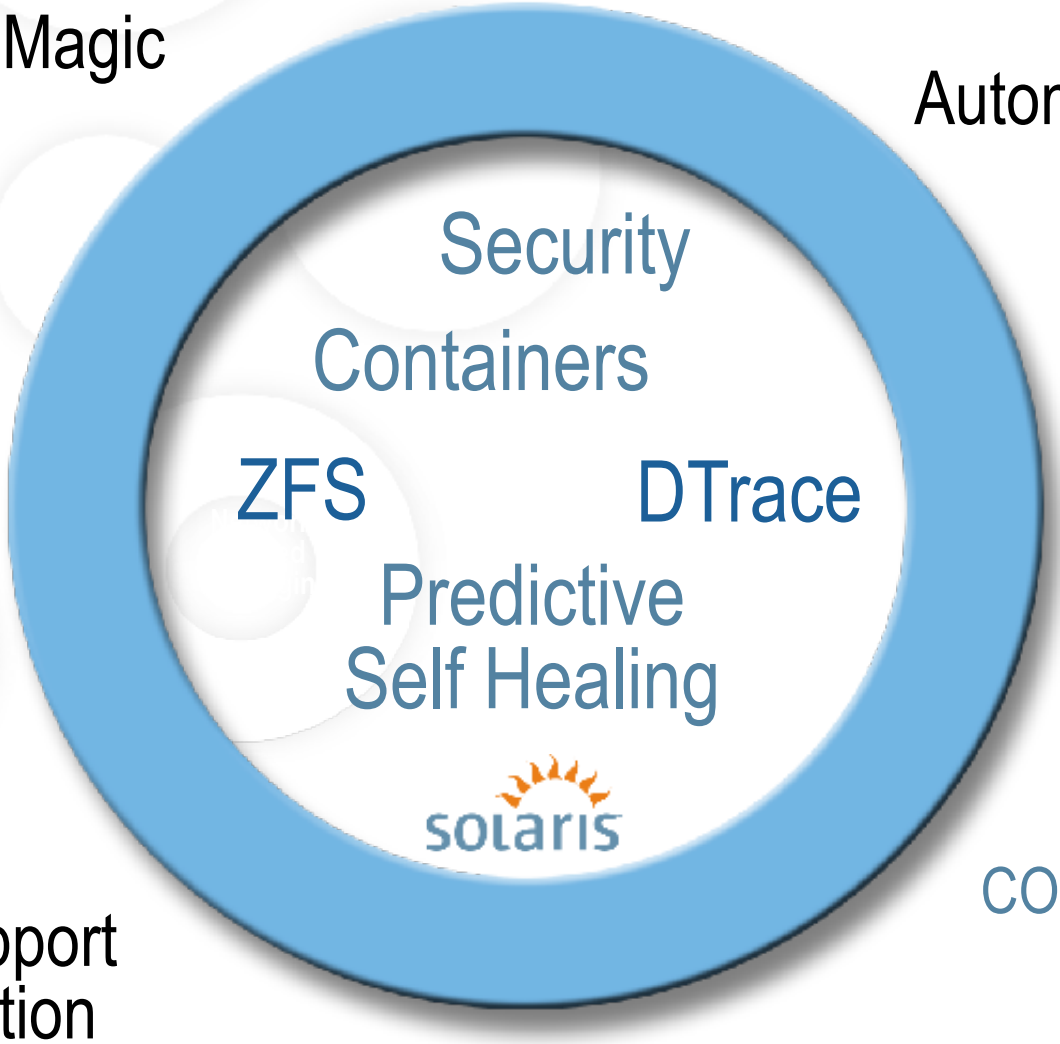
- 6-8 month release interval
- 5+ year support cycle
- Foundation for next Solaris release

What is OpenSolaris?

Community Participation + Solaris Innovation

What Makes OpenSolaris Unique?

Community Participation + Solaris Innovation



Network AutoMagic

Desktop Search

D-Light

Time Slider

Distribution Constructor

Open Storage

Hardware support and optimization

Automated Install

Image Packaging System

CIFS

Virtualization technology

COMSTAR

SourceJuicer

OpenSolaris 2009.06 Highlights

- June 1st announcement at CommunityOne
  - Available for download and upgrades
- What's new
  - New Open Networking features
  - Enhanced Open Storage feature set
  - 5 year enterprise support
  - World record performance
  - New tools to simplify building 3rd party applications

One Platform from Desktop to Datacenter

Delivering Differentiated Customer Solutions