The contemporary value of OPEN

Klaus Heinrich Kiwi

IBM Linux Technology Center Senior Engineer

IBM Systems

IBM Storage

IBM Spectrum Storage

storwize

IBM System z

z/OS

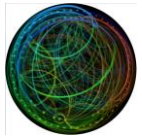
IBM LinuxONE

Power Systems

AIX

i for Business

PowerAI



Community Partners

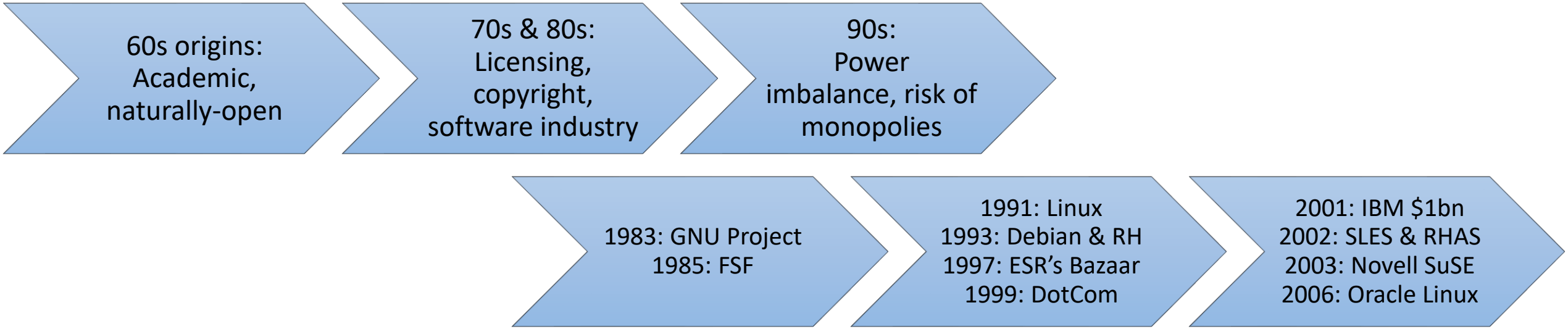
THE LINUX FOUNDATION

SUSE

ubuntu

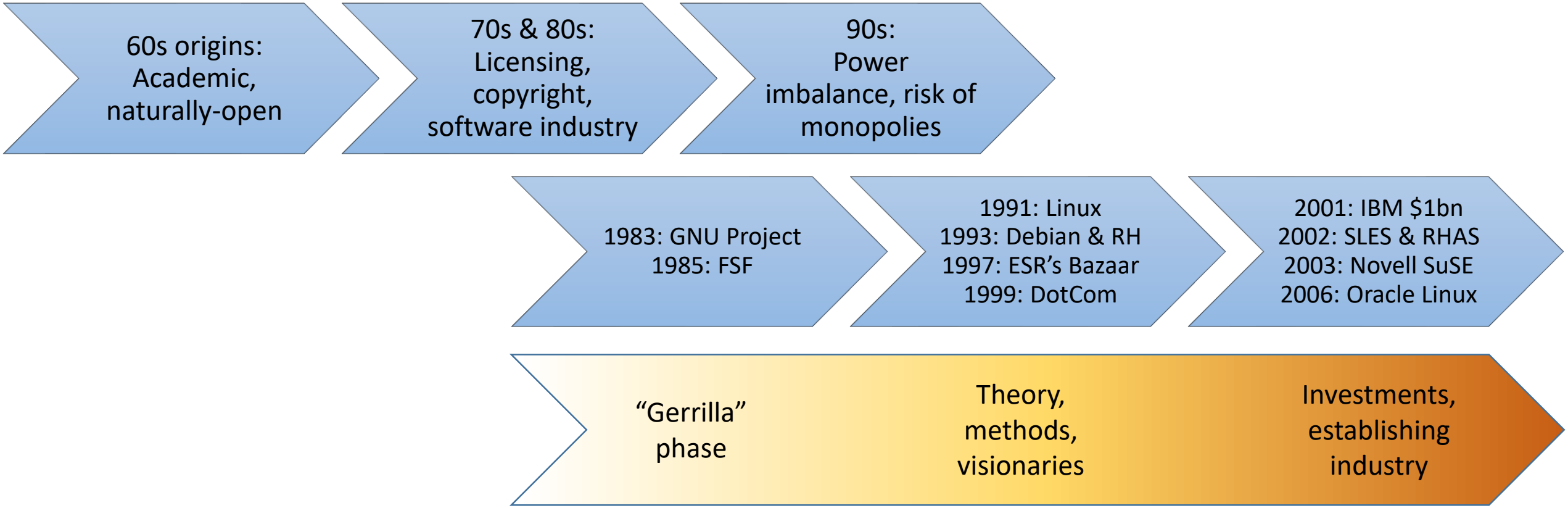
redhat

60s origins: Academic, naturally-open
70s & 80s: Licensing, copyright, software industry
90s: Power imbalance, risk of monopolies


60s origins: Academic, naturally-open
70s & 80s: Licensing, copyright, software industry
90s: Power imbalance, risk of monopolies
1983: GNU Project
1985: FSF
1991: Linux
1993: Debian & RH
1997: ESR's Bazaar
1999: DotCom
2001: IBM $1bn
2002: SLES & RHAS
2003: Novell SuSE
2006: Oracle Linux

Early value of Open:

- Cost-efficiency
- Self-support
- Avoid vendor lock-in

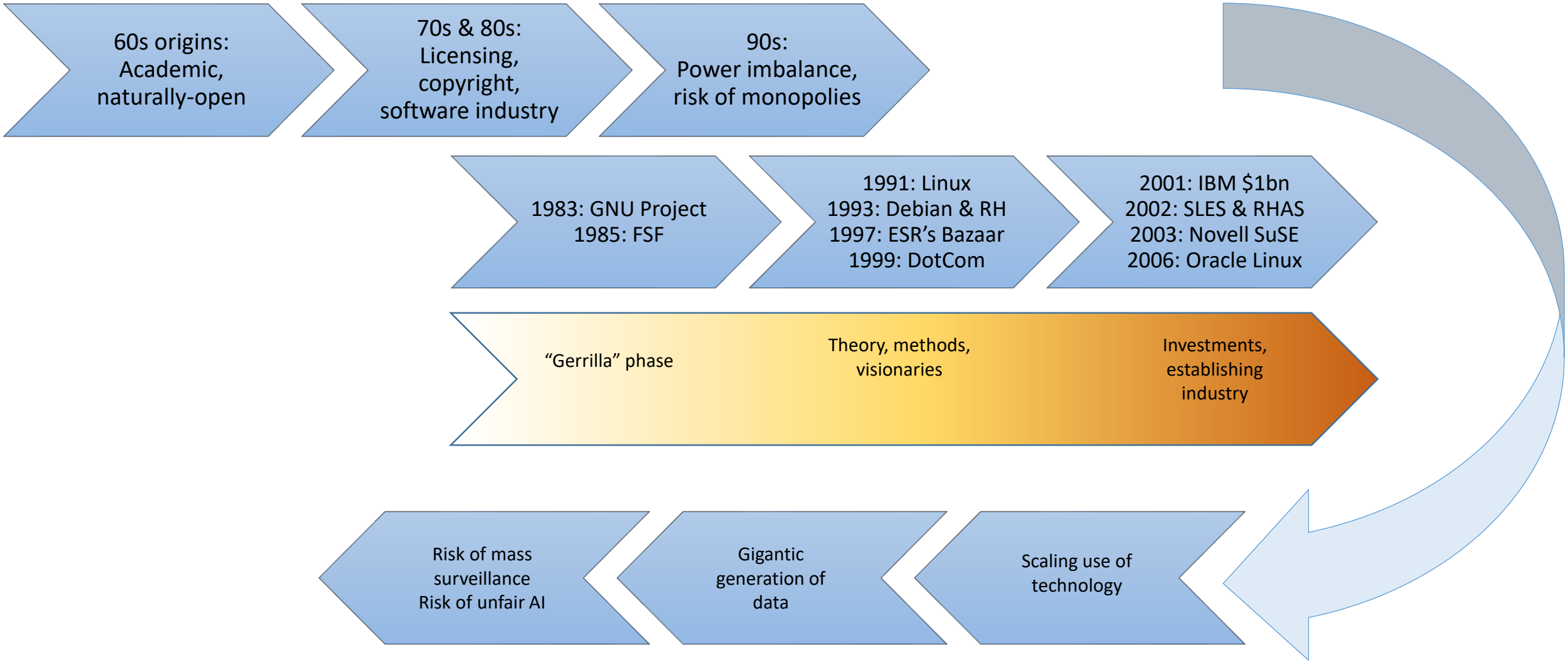

60s origins:
Academic,
naturally-open
70s & 80s:
Licensing,
copyright,
software industry
90s:
Power
imbalance, risk of
monopolies
1983: GNU Project
1985: FSF
1991: Linux
1993: Debian & RH
1997: ESR's Bazaar
1999: DotCom
2001: IBM $1bn
2002: SLES & RHAS
2003: Novell SuSE
2006: Oracle Linux
"Gerrilla"
phase
Theory,
methods,
visionaries
Investments,
establishing
industry

Early value of Open:

- Cost-efficiency
- Self-support
- Avoid vendor lock-in

Expanded value of Open:

- Skills availability
- Rate of innovation
- Interoperability


60s origins:
Academic,
naturally-open
70s & 80s:
Licensing,
copyright,
software industry
90s:
Power imbalance,
risk of monopolies
1983: GNU Project
1985: FSF
1991: Linux
1993: Debian & RH
1997: ESR's Bazaar
1999: DotCom
2001: IBM $1bn
2002: SLES & RHAS
2003: Novell SuSE
2006: Oracle Linux
"Gerrilla" phase
Theory, methods,
visionaries
Investments,
establishing
industry
Scaling use of
technology
Gigantic
generation of
data
Risk of mass
surveillance
Risk of unfair AI

Early value of Open:

- Cost-efficiency
- Self-support
- Avoid vendor lock-in

Expanded value of Open:

- Skills availability
- Rate of innovation
- Interoperability

Contemporary value of Open:

- Scaling economics
- Long term data
- Platform investment
- Strategic privacy

IBM Systems

IBM Storage

IBM Spectrum Storage

storwize

IBM System z

z/OS

IBM LinuxONE

Power Systems

AIX

for Business

PowerAI

OpenPOWER

Google

inspur 浪潮

wistron

Mellanox TECHNOLOGIES

NVIDIA

Community Partners

THE LINUX FOUNDATION

SUSE

ubuntu

redhat

CORAL COLLABORATION
OAK RIDGE • ARGONNE • LIVERMORE

Oak Ridge Summit #1

TOP500 SUPERCOMPUTER SITES

Livermore Sierra #2

Thank You

klausk@br.ibm.com
twitter.com/klauskiwi
linkedin.com/in/klauskiwi