

Internet Governance and AI Governance

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Can we learn from Internet Governance to develop AI Governance toward a good AI eco-system?

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1. Similarity and Difference between Internet Governance and AI Governance

Similarity

Academic leadership in the beginning.

Open process: source, documentation, discussion,...

Commercial stakeholder took over later.

Difference

Interoperability requirement for Internet

AI governance requires substantial and long-term technical development compared with Internet governance.

Standardization

Principles

2. Complexity of AI Governance

- AI governance may be far more complex than Internet Governance.
 - AI is under major development for long time to come.
 - Extremely interdisciplinary covering many academic disciplines
 - Addressing fundamental issues for human and society
 - AI economy may be far larger than Internet economy.

3. Internet and AI Started in Mid-20th Century

- Academic community's leadership in early stage
- Major NSF funding in USA in early stage.

4. Same Major Companies: Internet vs AI

They are essentially same in USA and China, two leading countries on Internet and AI.

USA: Amazon, Google, Facebook, Apple, Microsoft,...

China: Alibaba, Baidu, Tencent, Huawei,...

5. Internet Governance Development Went Ahead in 1990s

AI governance development started in 2010s after the AI boom in the 21st century.

6. Issues

- a. Multistakeholderism
- b. Overlapping areas; privacy, data,..
- c. Interdisciplinary
- d. Long-term issues: AGI, Existential risks,...
- e. Autonomous Weapon
- f. Data governance
- g. Security governance
- h. Standardization

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