Social «Code»
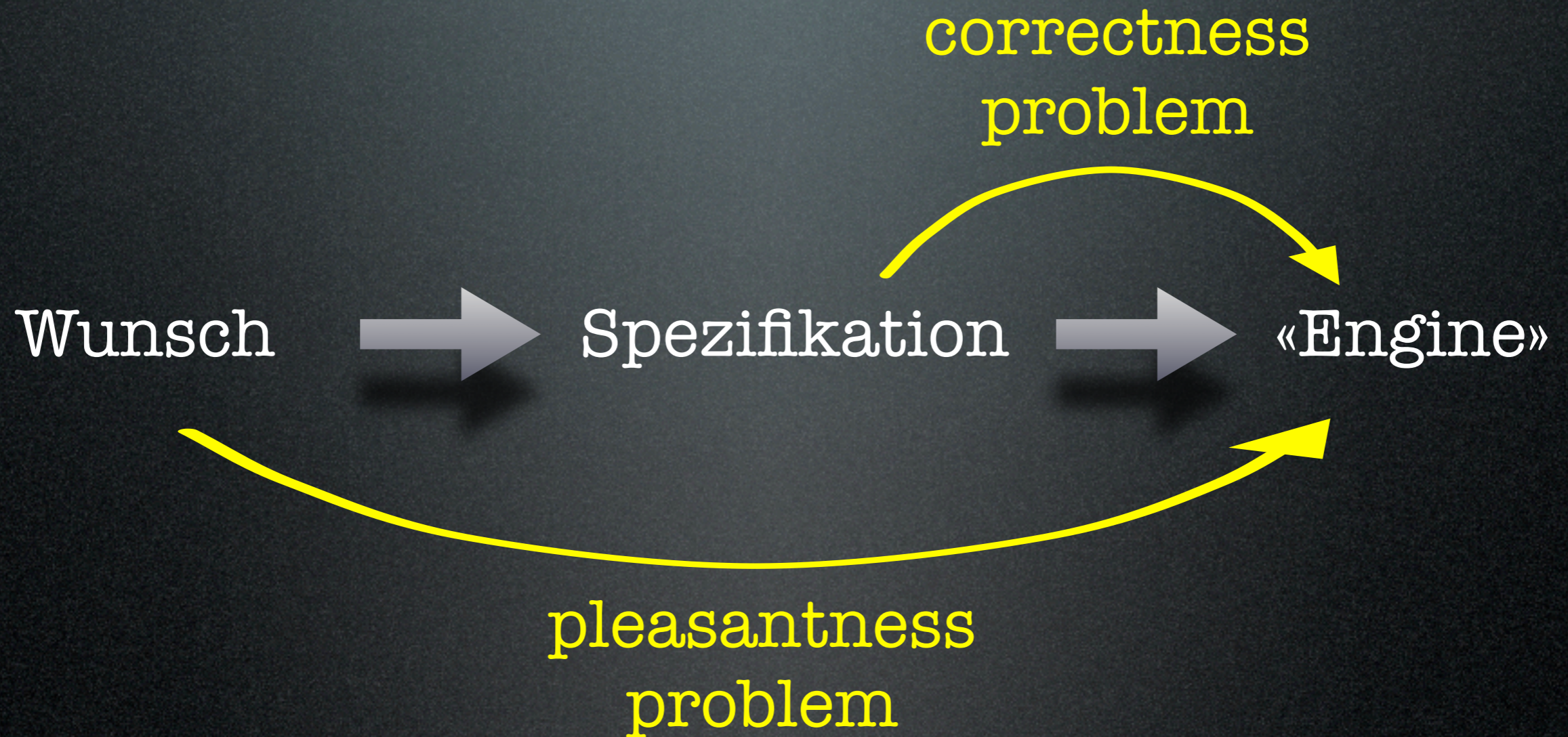## Regulierungsdynamik im Internet Relay Chat

Dr. Kei Ishii
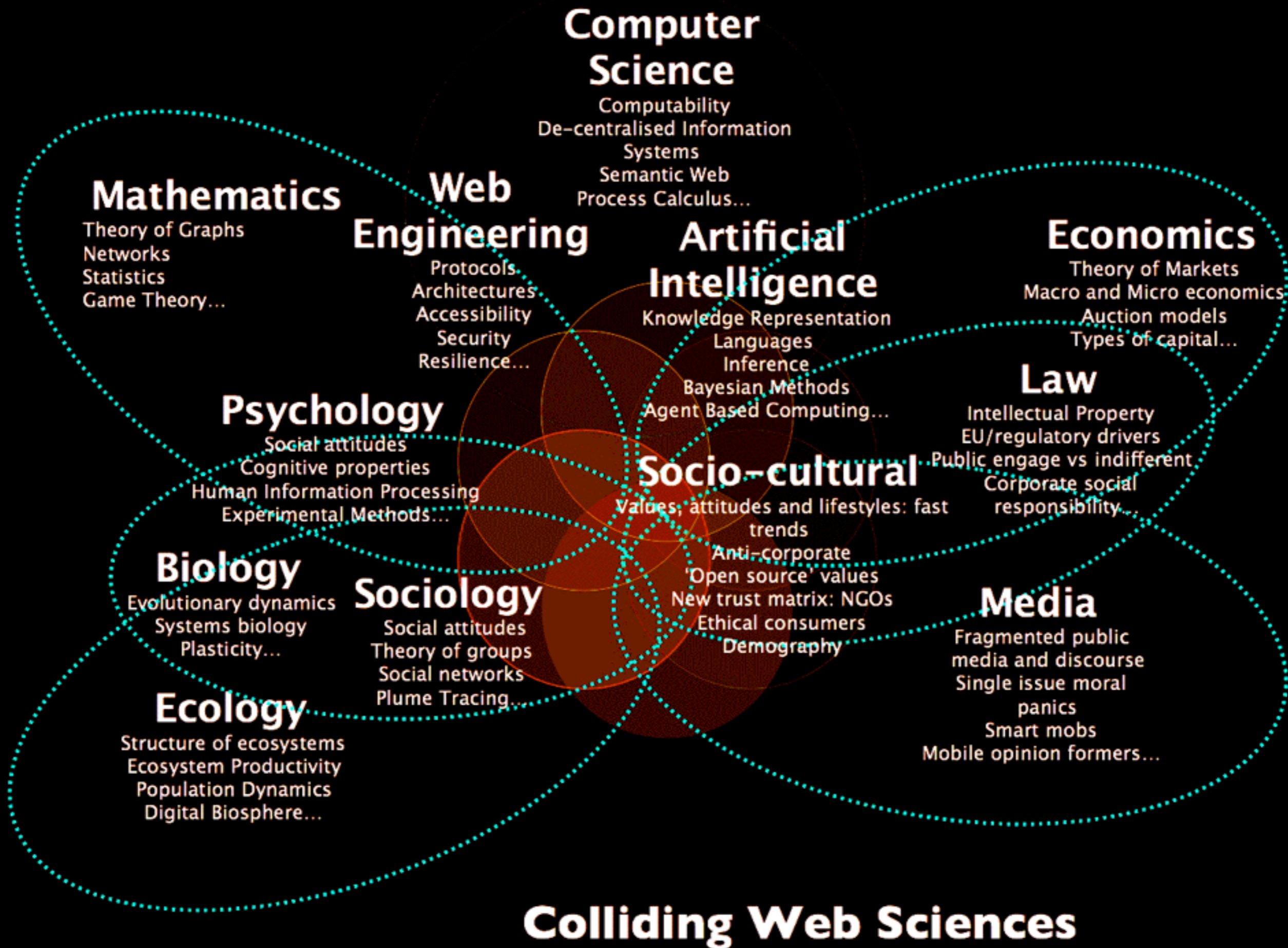
Workshop "Software als Institution"
Karlsruhe, 12.12.2008

"Firewall"-Debatte
Dijkstra (1989)

correctness
problem

Wunsch → Spezifikation → «Engine»

pleasantness
problem

Colliding Web Sciences

(Berners-Lee et al. 2006)

(Social) «Code»

=

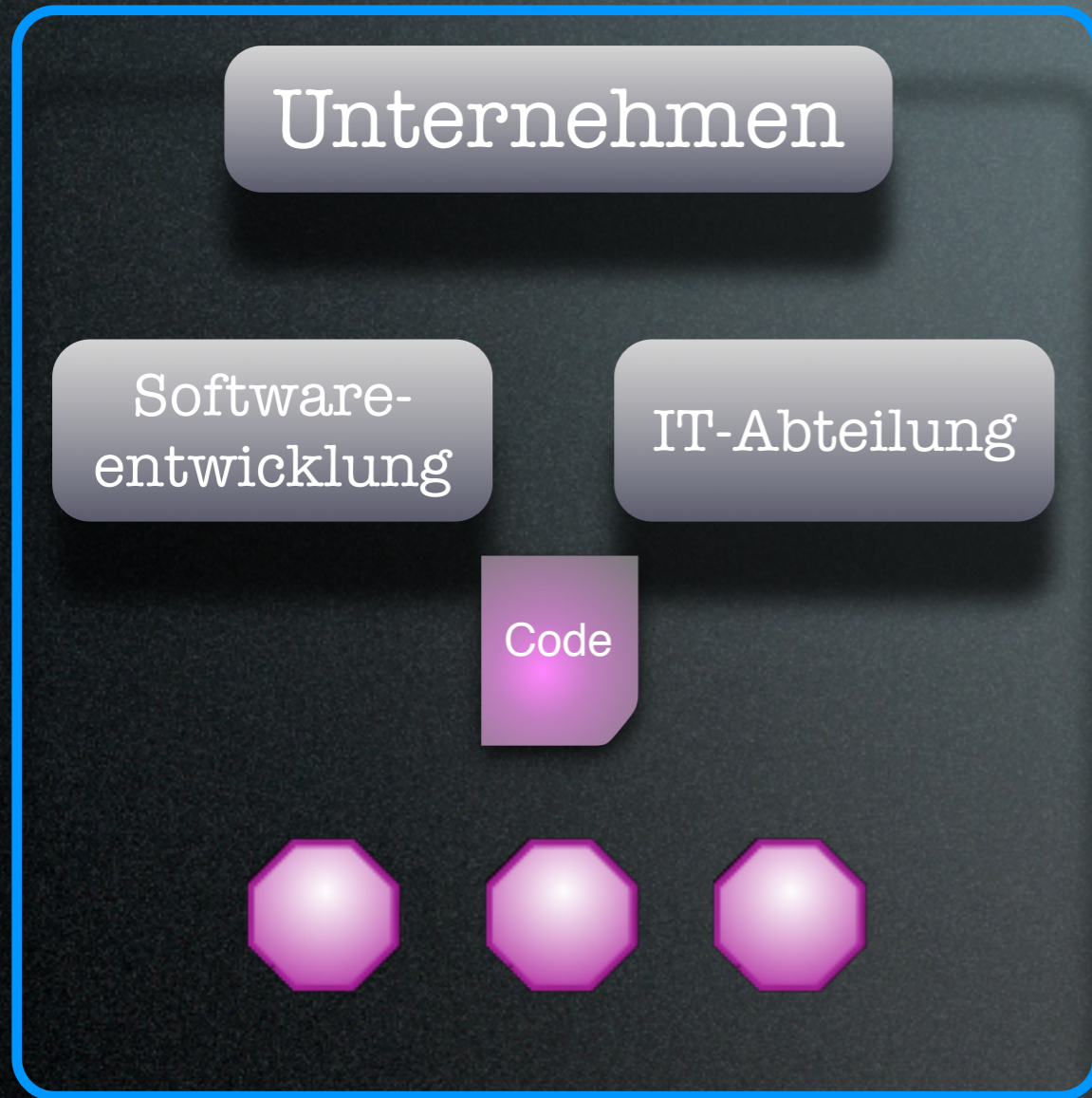Institutionelle Strukturen
durch Software

Internet Relay Chat
(Ishii 2005)

- 'Chatten' : Text-'messages' zwischen Teilnehmern in Echtzeit im Internet

- 1988 von finnischen Studenten begonnen

- Eine der größten Internetanwendungen

- Analyse: Quelltext und Primärtexte

Institutioneller Rahmen

Unternehmen

Software-entwicklung
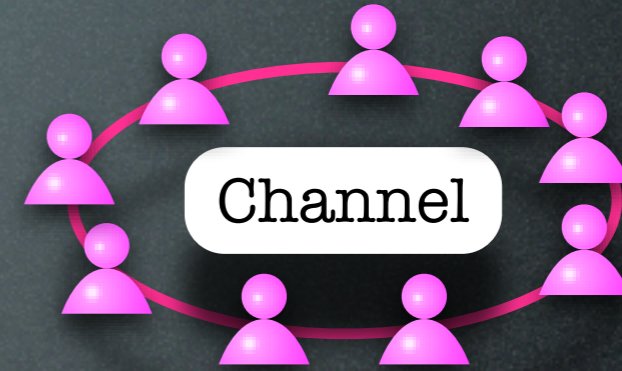
IT-Abteilung

Code

Unternehmen

Software-entwicklung

IT-Abteilung

Code

IRC

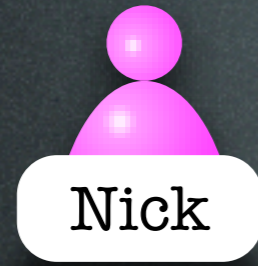Software-entwickler

Server-admins

Open Source

Institutionelle Dynamik

Eigentum?

Nick

Channel

Institutionelle Dynamik

Kein Eigentum

Institutionelle Dynamik

Kein Eigentum

Nick

Channel

Nikolaus
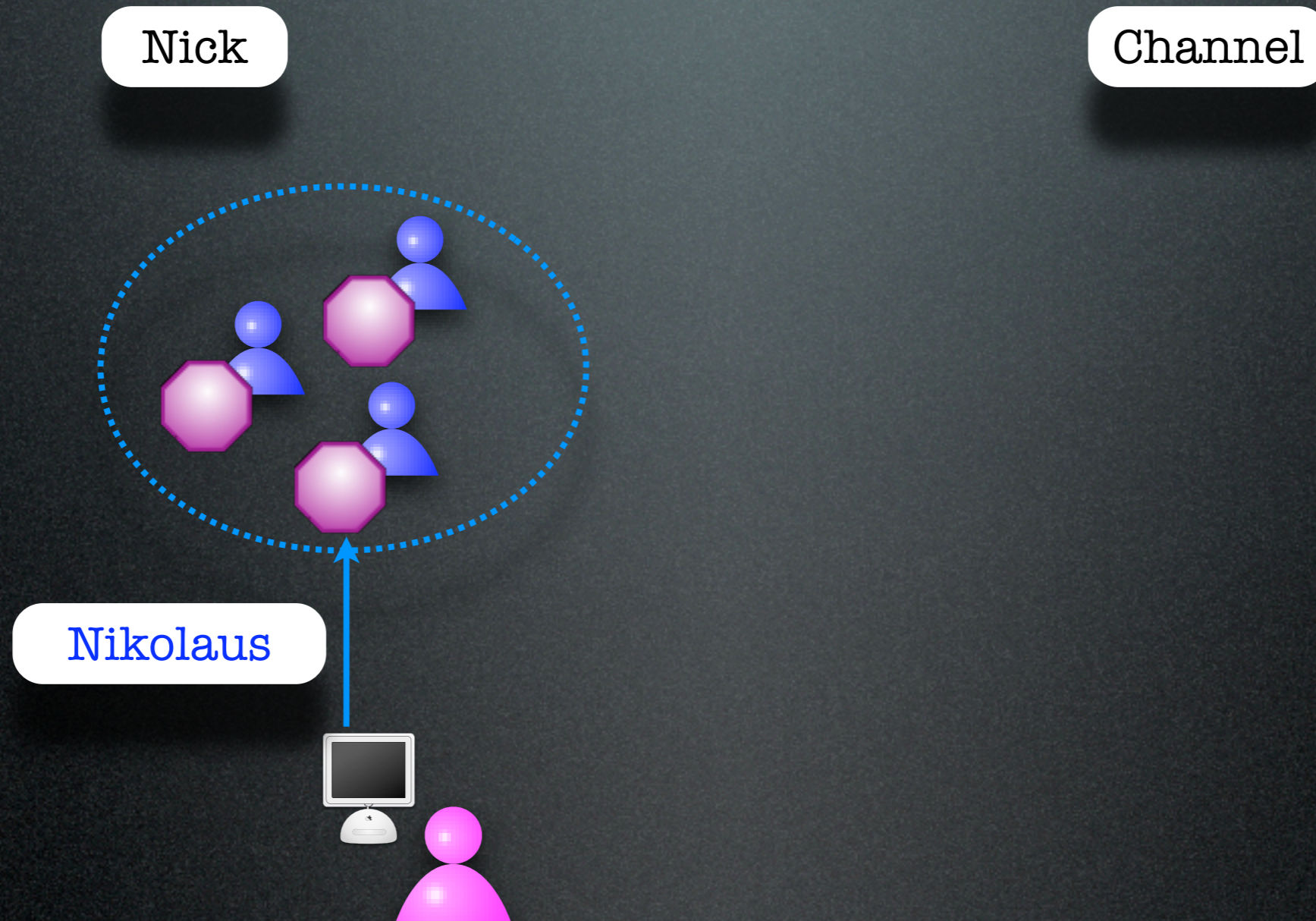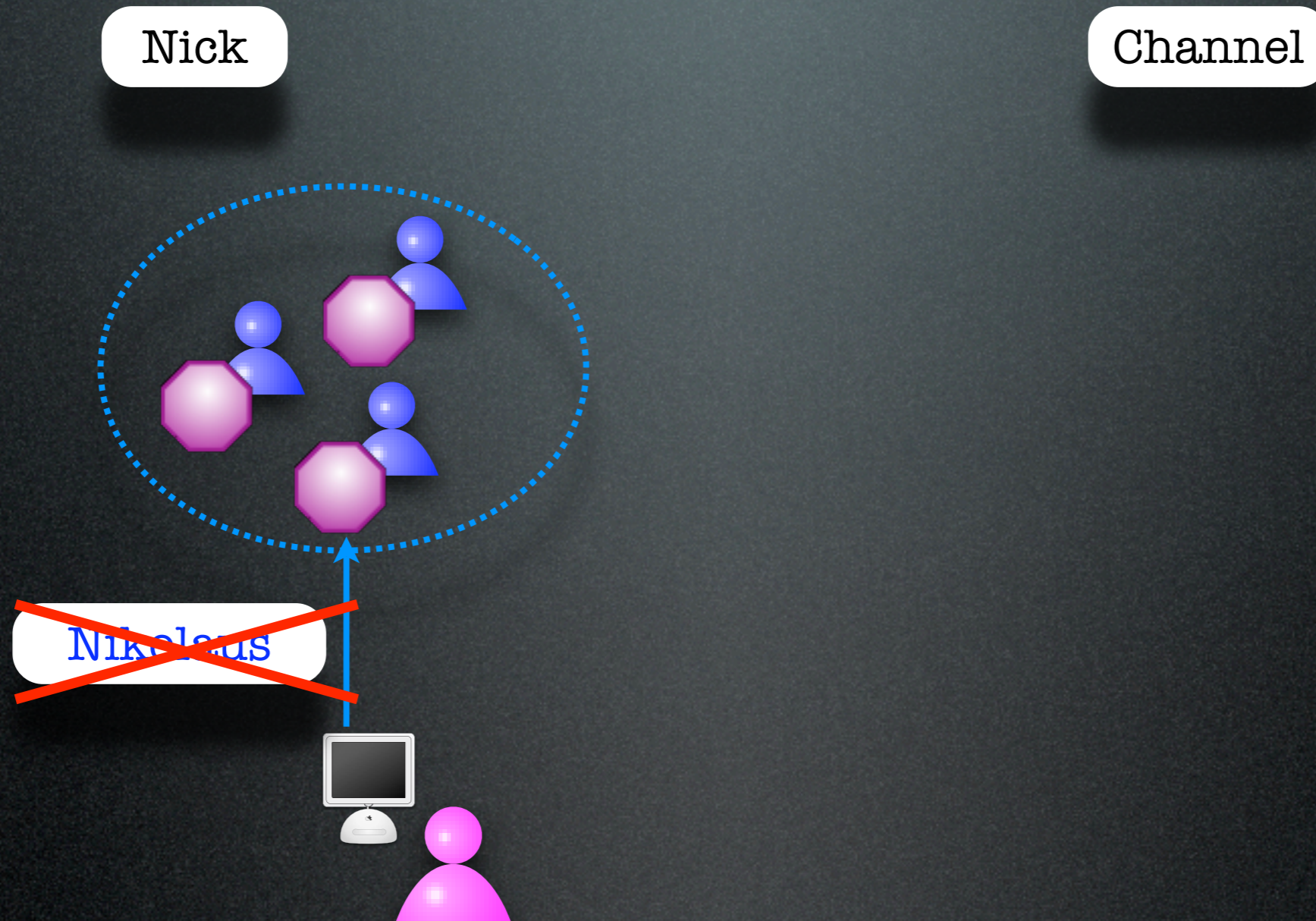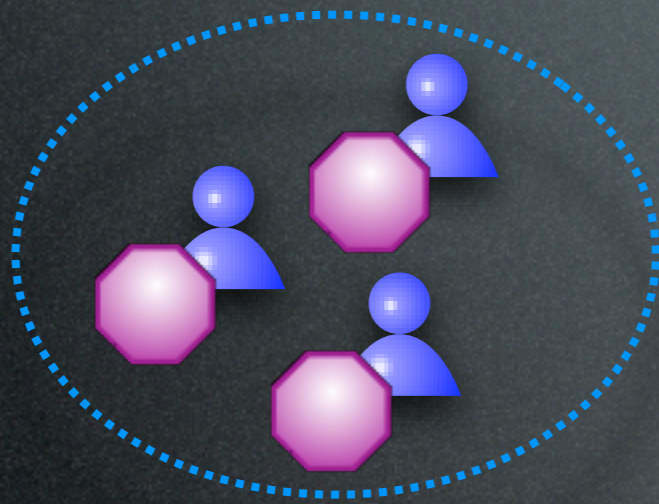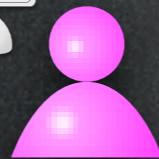
Institutionelle Dynamik
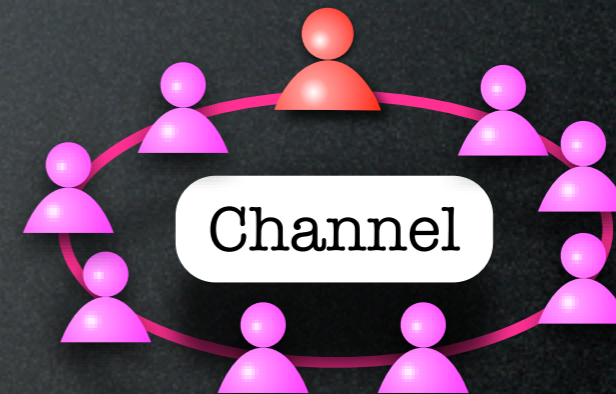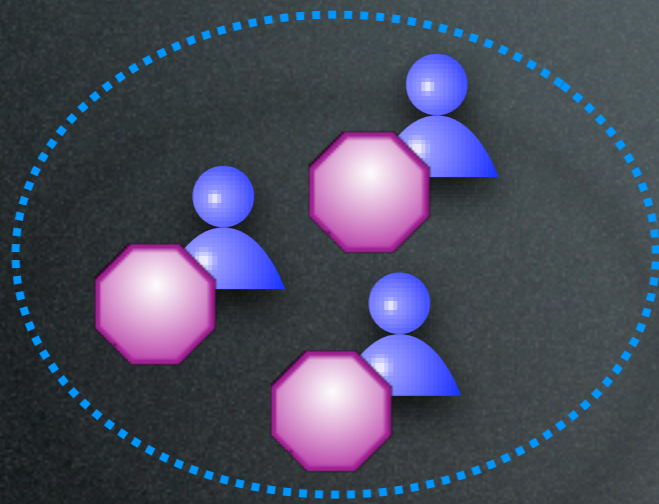
Kein Eigentum

Institutionelle Dynamik

Kein Eigentum
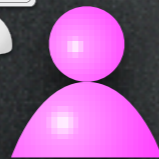
Institutionelle Dynamik
User bots

Nick

Channel

Nikolaus
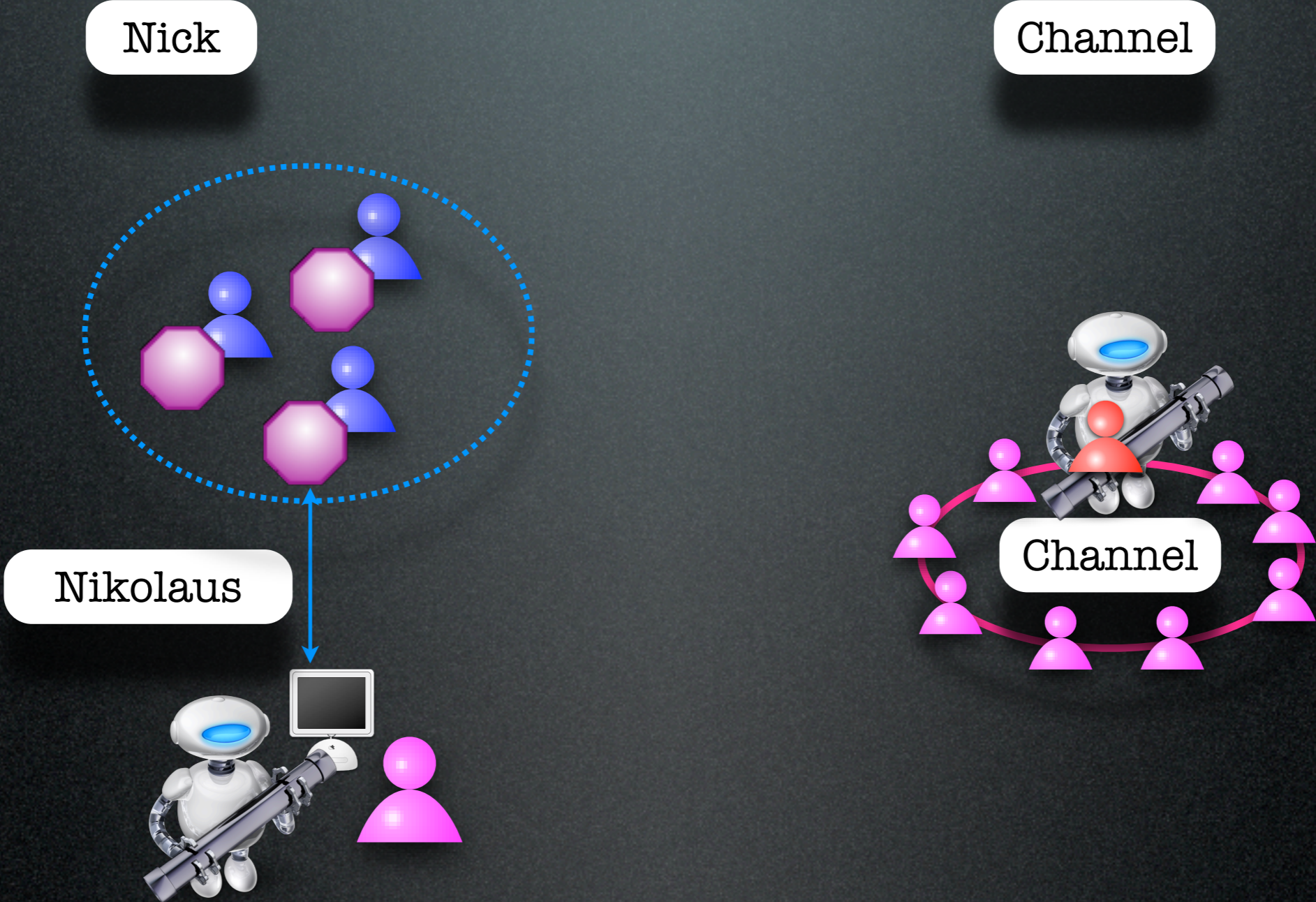
Channel

Institutionelle Dynamik

Server bots

Nick

Channel

Nikolaus
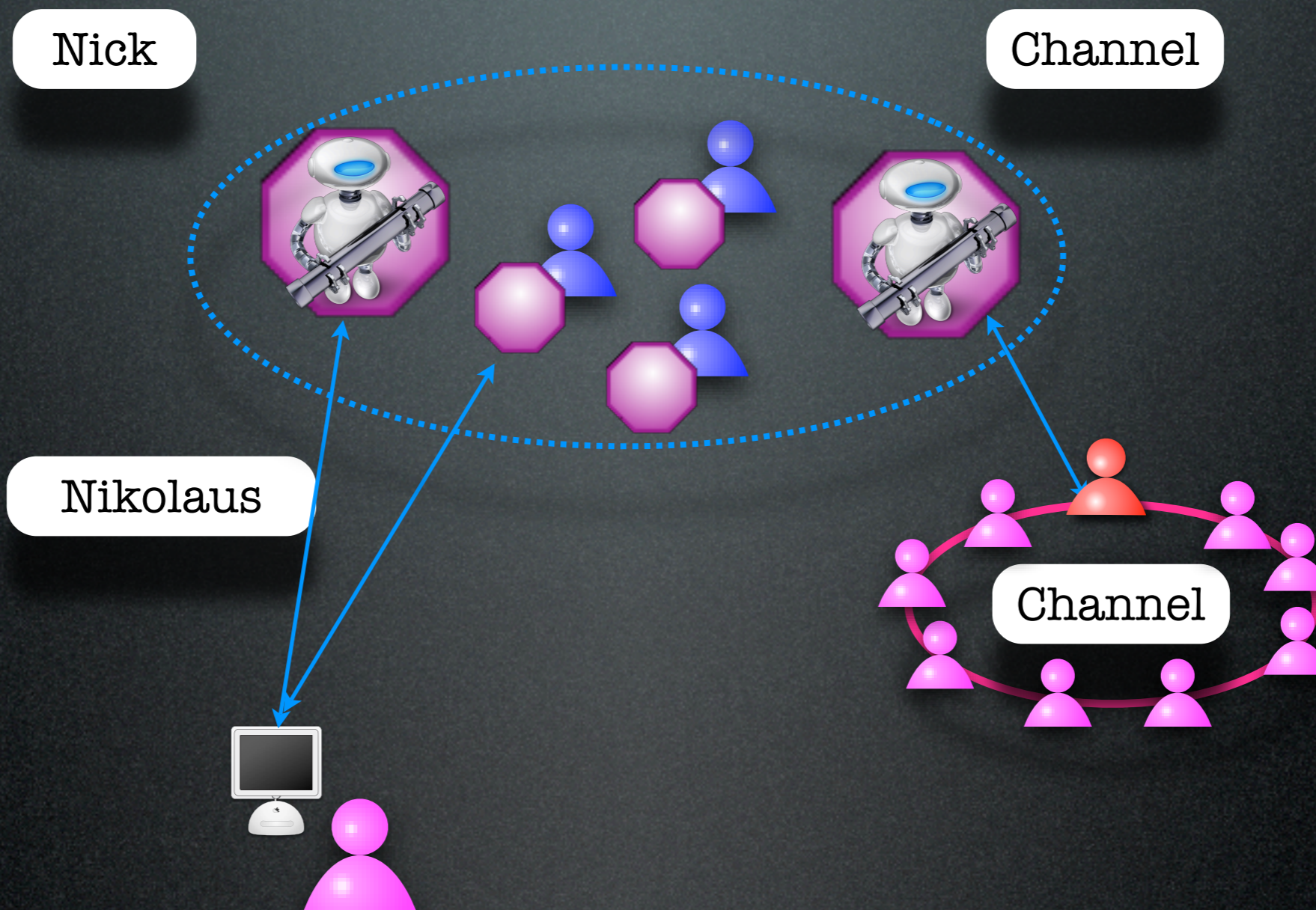
Channel
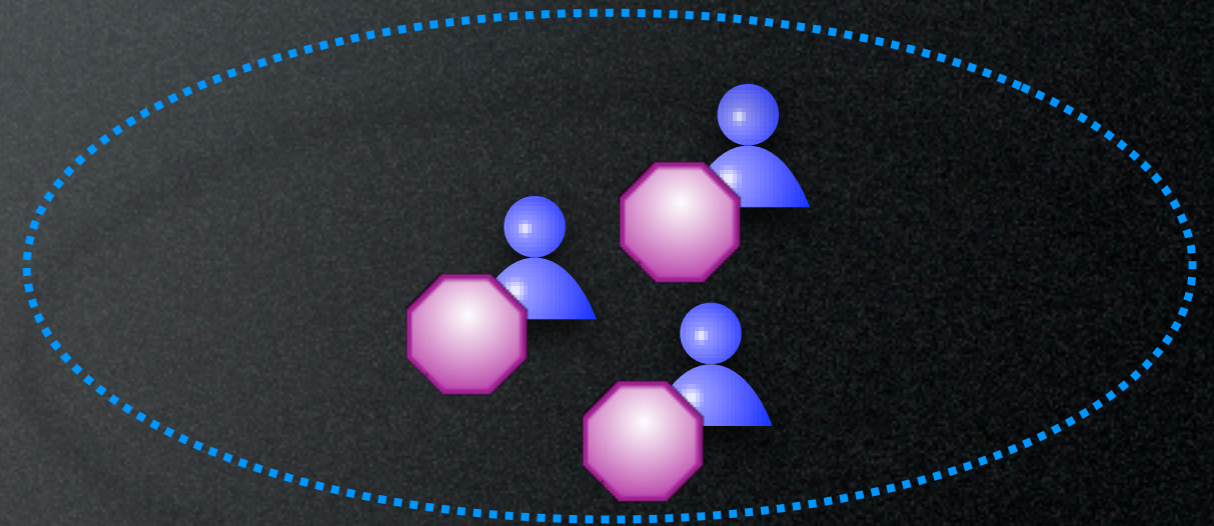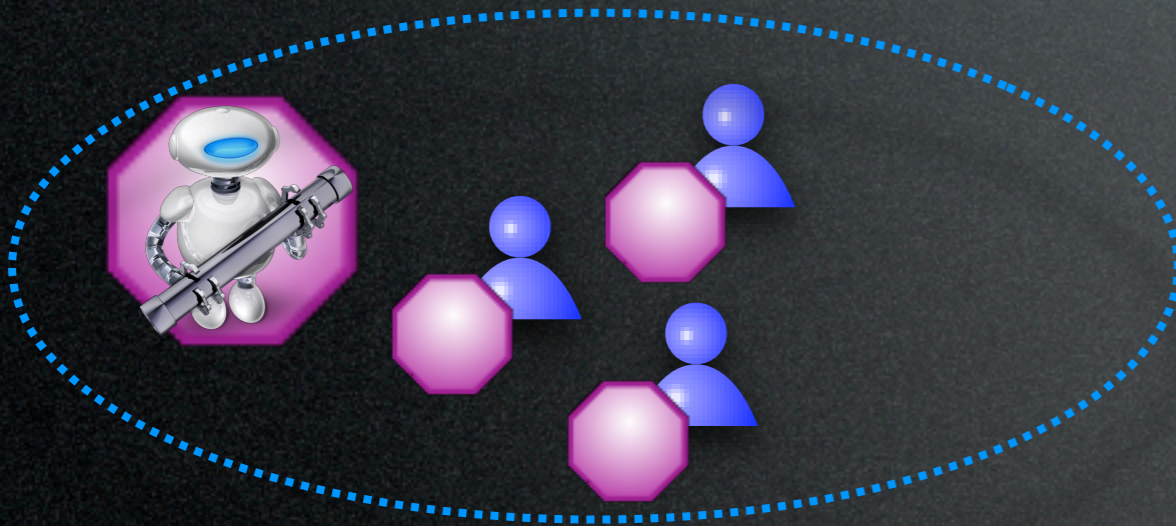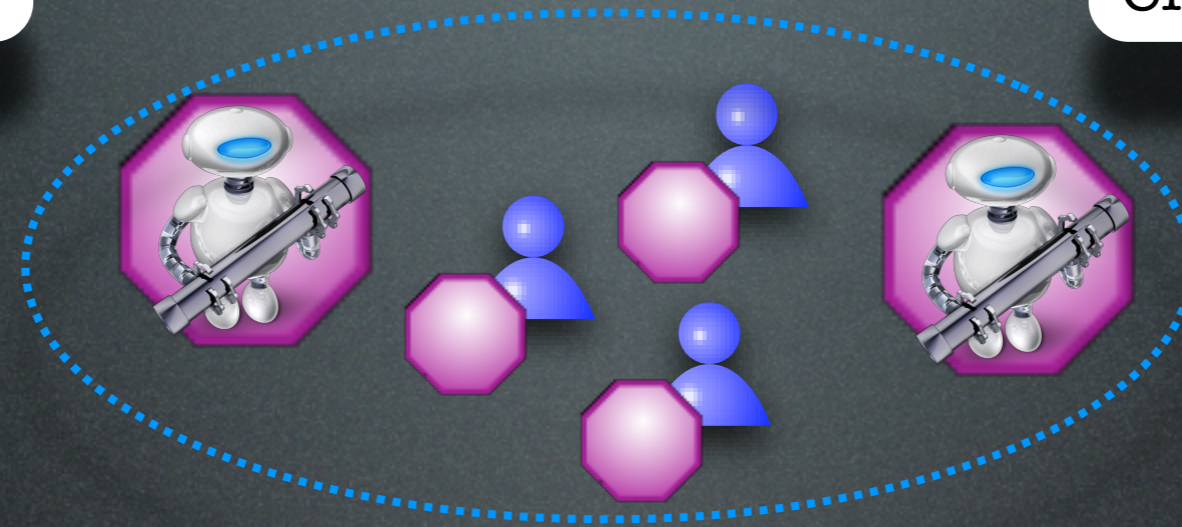
Institutionelle Dynamik
"Jurisdiktionen"

- Komplexes Regulierungsgeschehen auf der technischen Ebene

- Institutioneller Rahmen: Open Source «Code» = 'Machtfrage'

- Institutionelle Dynamik: Mehr 'Emergenz' denn Planung

Literatur

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- Dijkstra, Edsger (1989): On the Curelty of Really Teaching Computing Science. In: CACM Vol. 32 No. 12 (December 1989), pp. 1398-1414.

- Ishii, Kei (2005): Code Governance – «Code» as Regulation in a Self-governed Internet Application from a Computer Science Perspective, Dissertation, Technische Universität Berlin. Online: http://opus.kobv.de/tuberlin/volltexte/2005/1104/