

# Sustainable Commons Production and the Virtues of Moderation

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TPRC  
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# (I) Motivation

Must you be a fool  
to contribute  
to a commons?



**I CAN HAS  
CHEEZBURGER?**



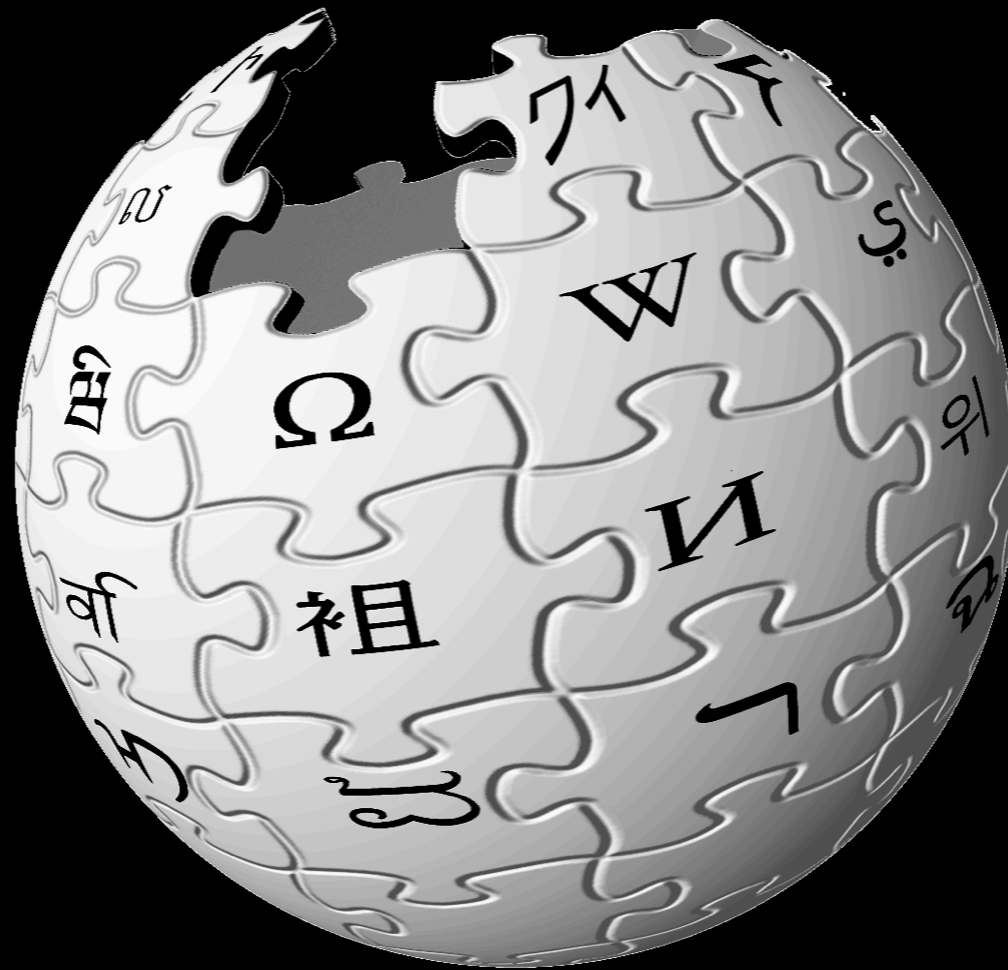
Not necessarily; people  
have intrinsic motivations.



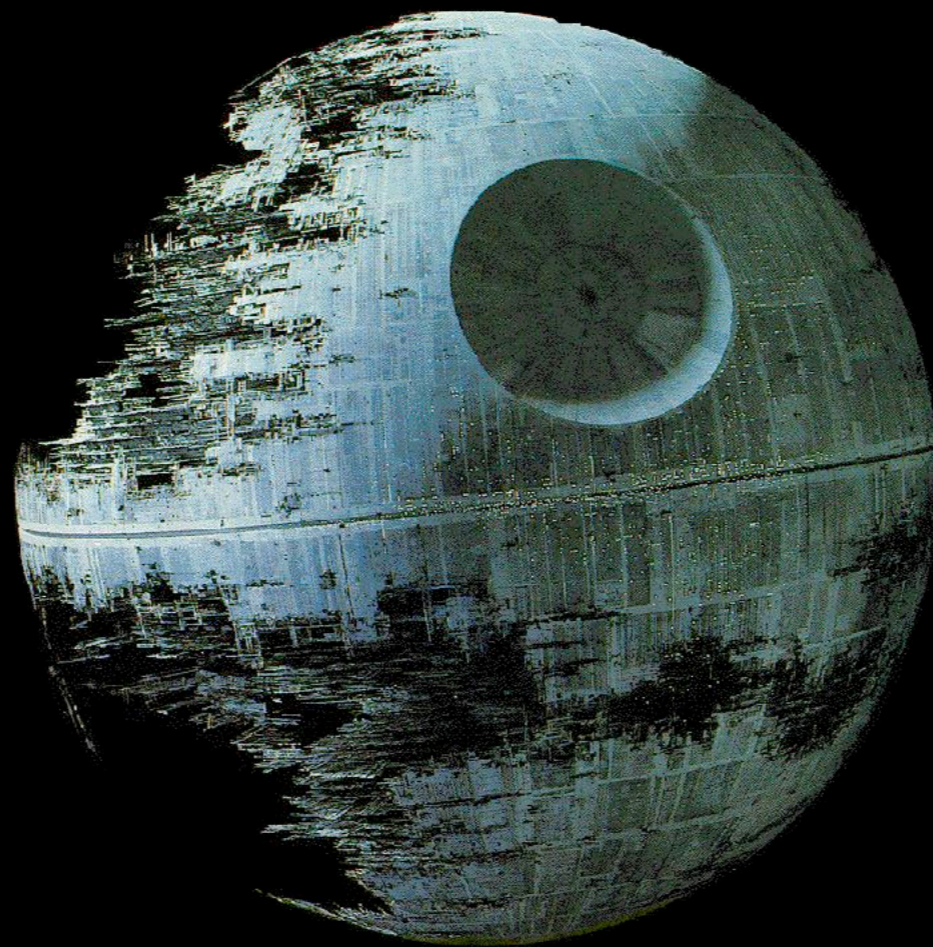
But why are some communities sustainable . . .



... while others fail?



# Does Wikipedia need to be more ...



... authoritarian?

## (2) Semicommons

	Rival	Non-Rival
Excludable	Private	Club
Non-Excludable	Common-Pool	Public

Rival

Non-Rival

Excludable

Property

IP

Non-Excludable

Tragedy

Undersupply

	Rival	Non-Rival
Excludable	Property	IP
Non-Excludable	Tragedy	Undersupply

	Rival	Non-Rival
Excludable	Commons	IP
Non-Excludable	Tragedy	Undersupply

	Rival	Non-Rival
Excludable	Commons	IP
Non-Excludable	Tragedy	Undersupply

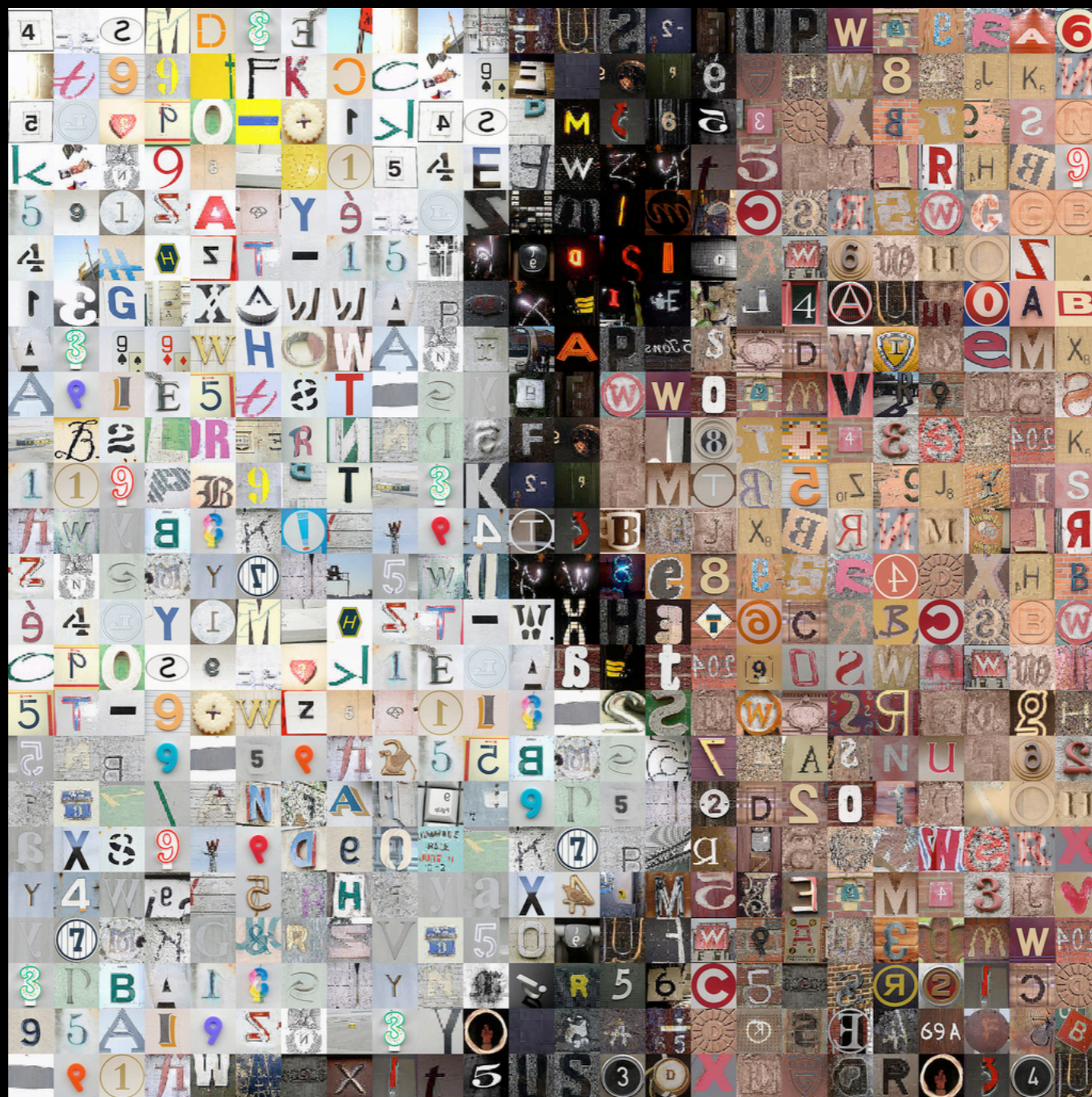
	Rival	Non-Rival
Excludable	Commons	IP
Non-Excludable	Tragedy	Commons

	Rival	Non-Rival
Excludable	Commons	IP
Non-Excludable	Tragedy	Commons

# Offline semicommons



# Online semicommons





Layering



### (3) Moderation patterns



Social Norms



Pricing



Organization

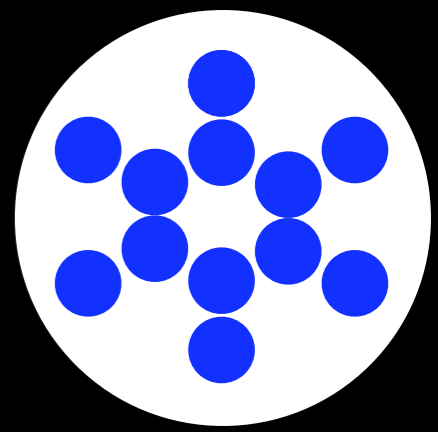


Exclusion

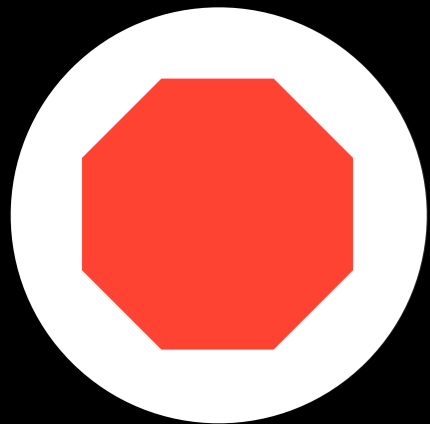




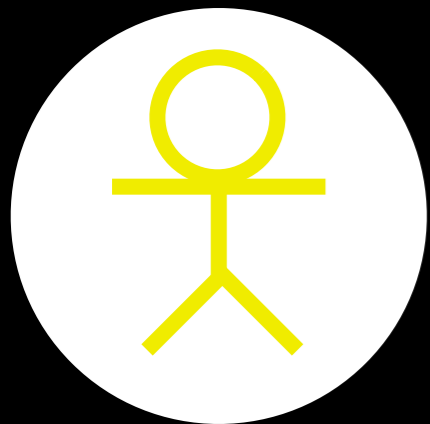
Centralized or distributed?



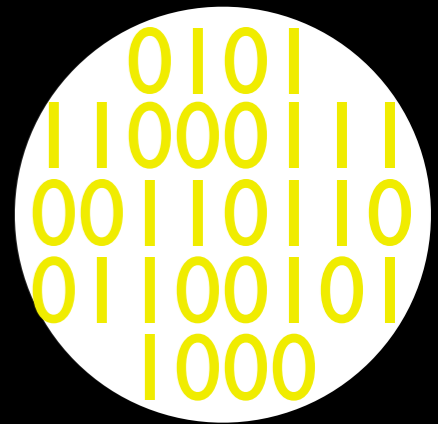
Secret or transparent?



Prevent or respond?



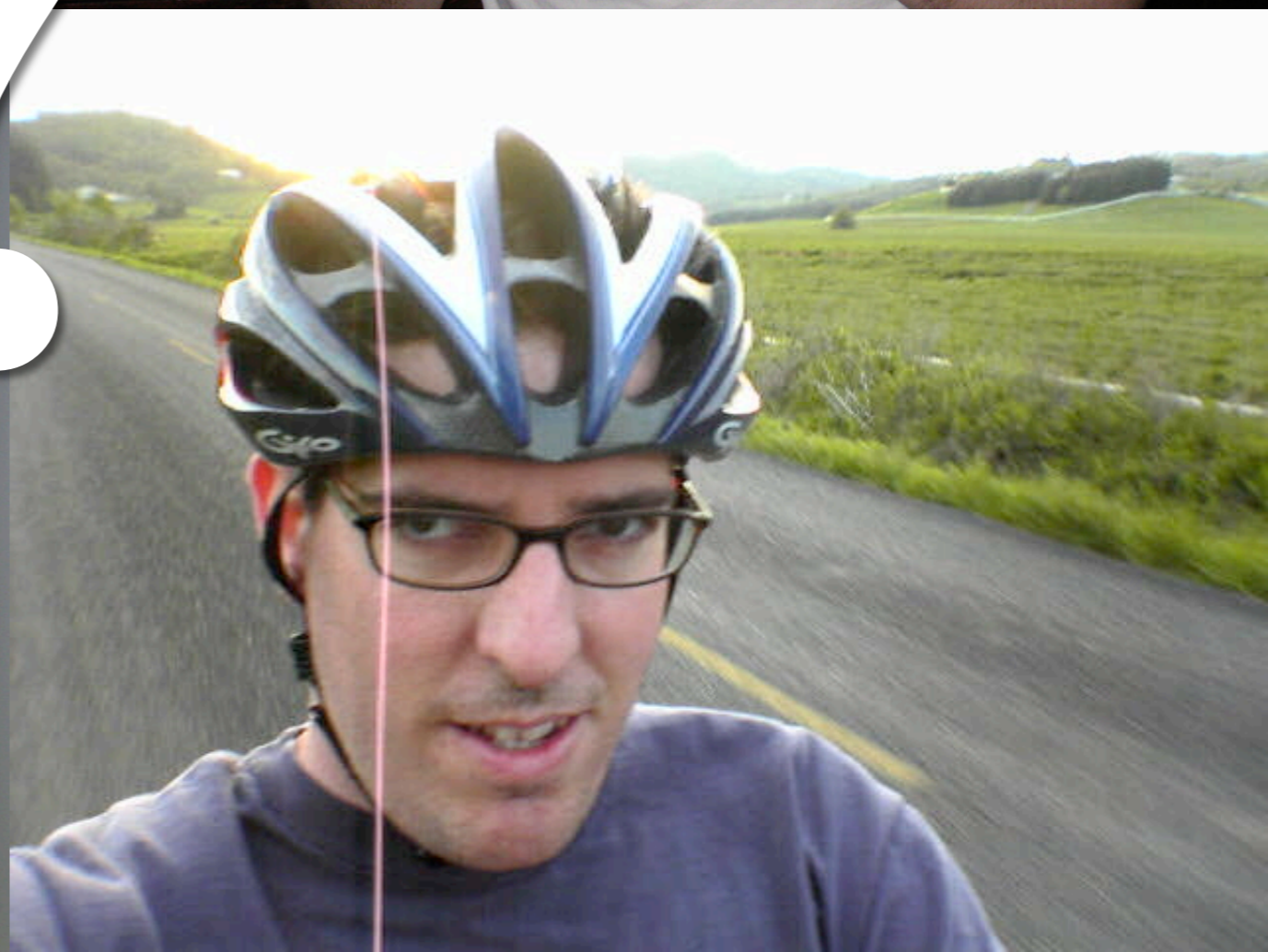
Human or computer?

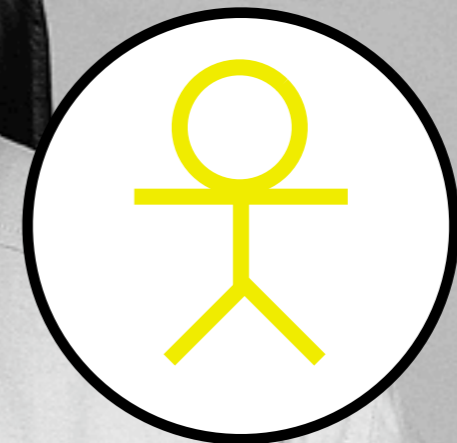
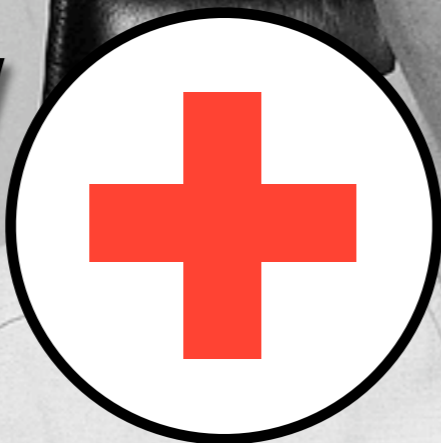
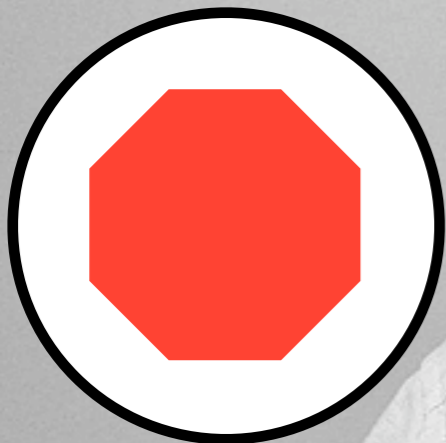
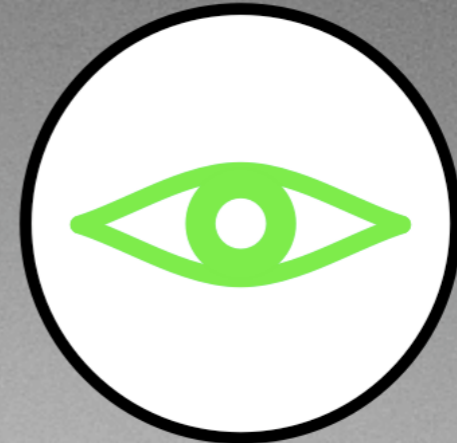


Google™

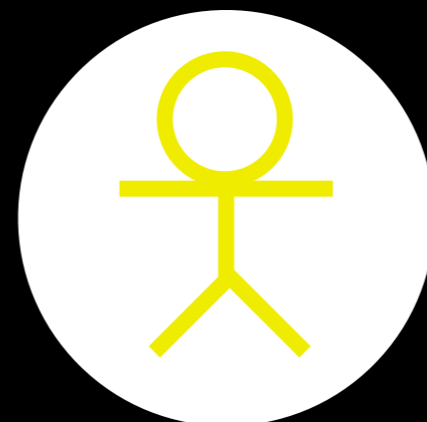
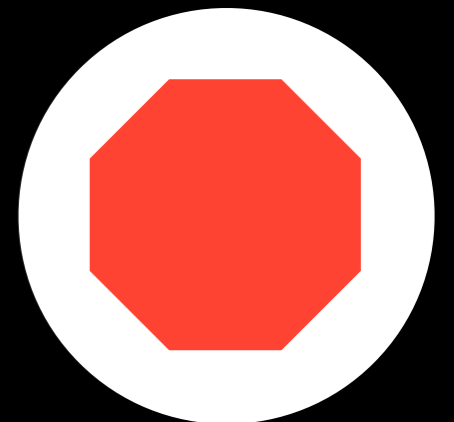
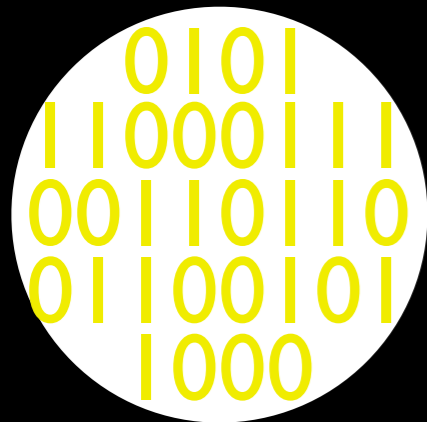
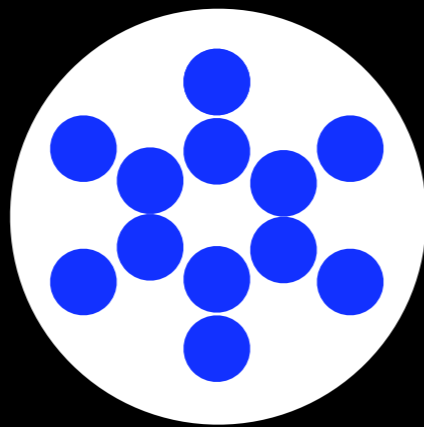


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# (4) Application





USENET was functional at the scale of a newsgroup . . .



...but it got the property boundaries wrong.

Smaller building blocks  
proved more stable.



# Conclusion

# Colophon

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