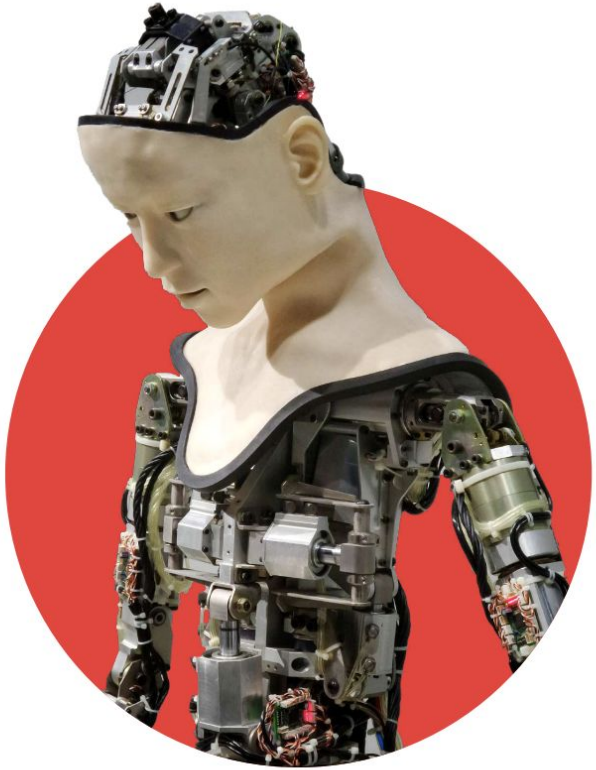
Towards the Cybereconomy



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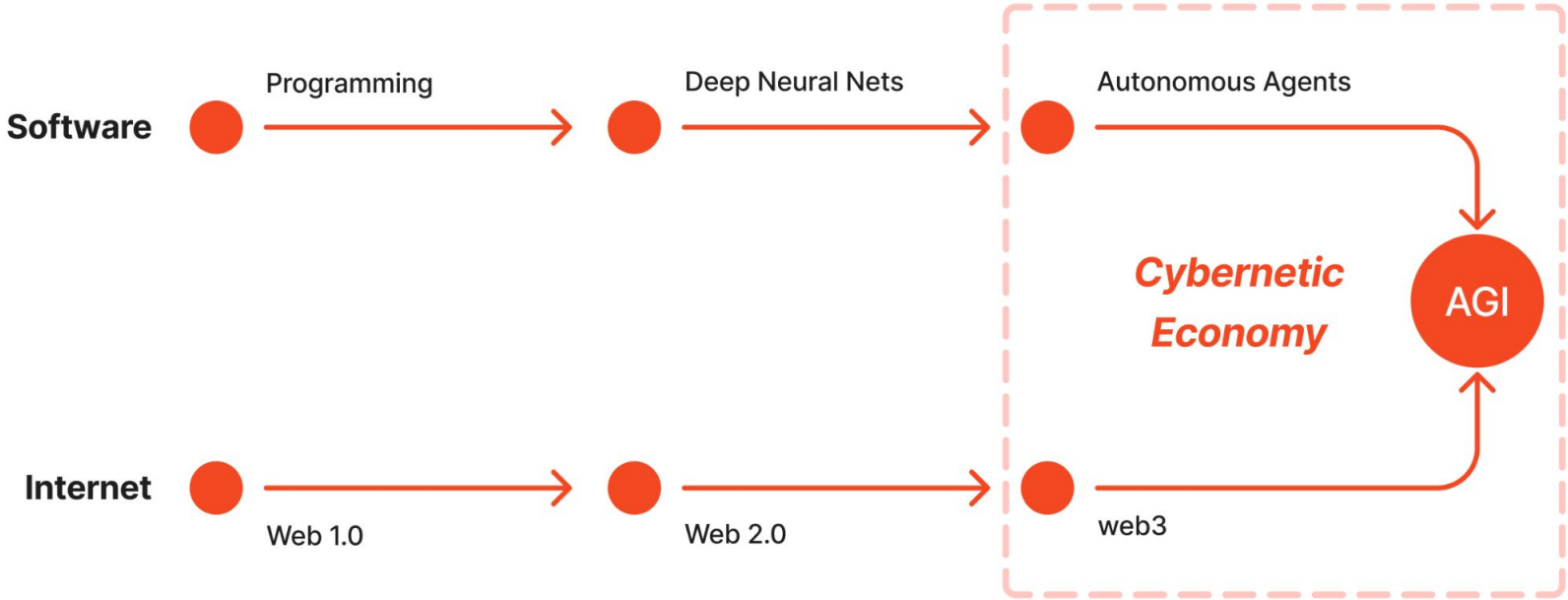
Software
Programming
Deep Neural Nets
Autonomous Agents
Cybernetic
Economy
AGI
Internet
Web 1.0
Web 2.0
web3

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Web 1.0	**Read**
Web 2.0	**Read / Write**
Web 3.0	**Read / Write / Own**

Software 1.0	**Explicit code**
Software 2.0	**Optimization function**
Software 3.0	**Goal setting**

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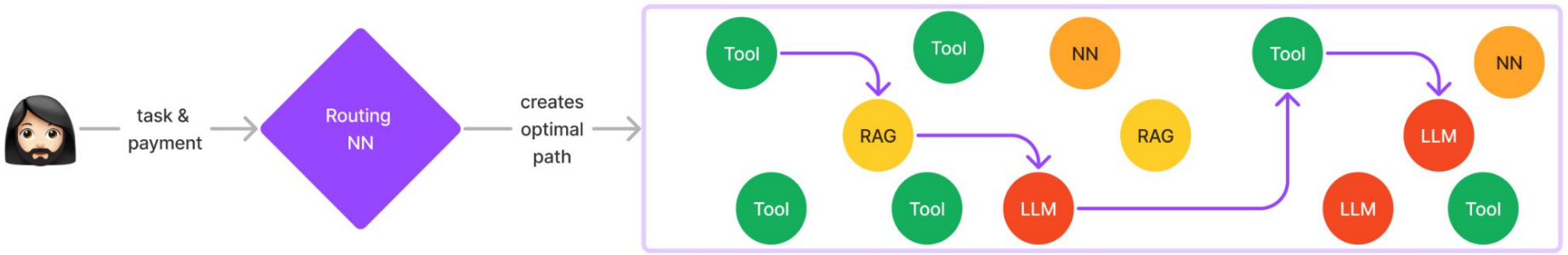
task &
payment
Routing
NN
creates
optimal
path
Tool
Tool
NN
Tool
NN
RAG
RAG
LLM
Tool
Tool
LLM
LLM
Tool

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Centralized A(G)I

1. Centralization of power
2. Governance by a few
3. Centralization of infrastructure
4. Data lock-in
5. Regulatory capture
6. Lack of privacy
7. Pace of Innovation
8. AI Safety

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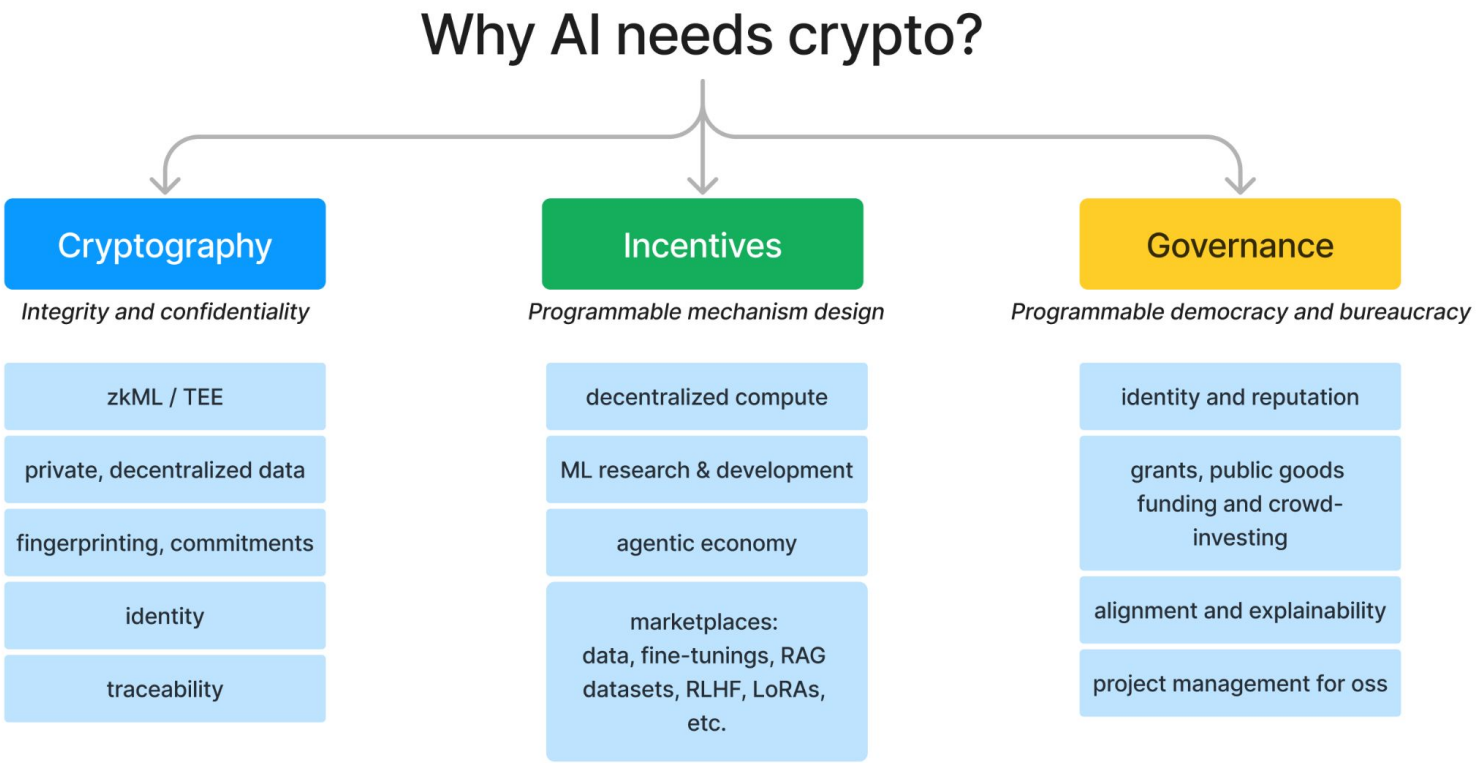
Decentralized AI



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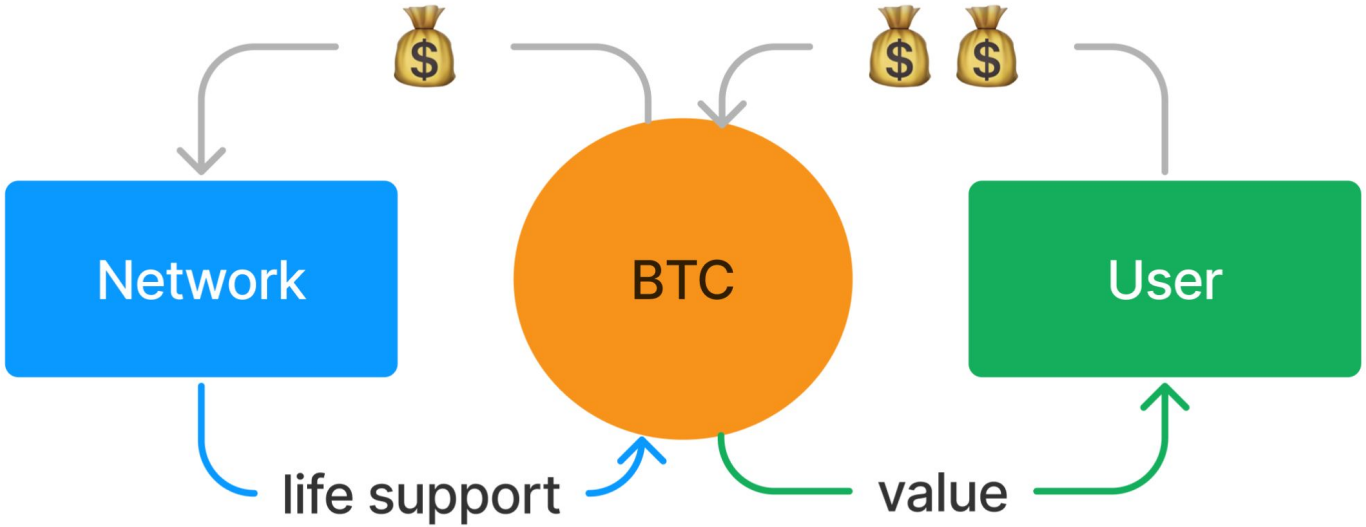

- *proposing, block building, validating*
- *hashing (mining)*

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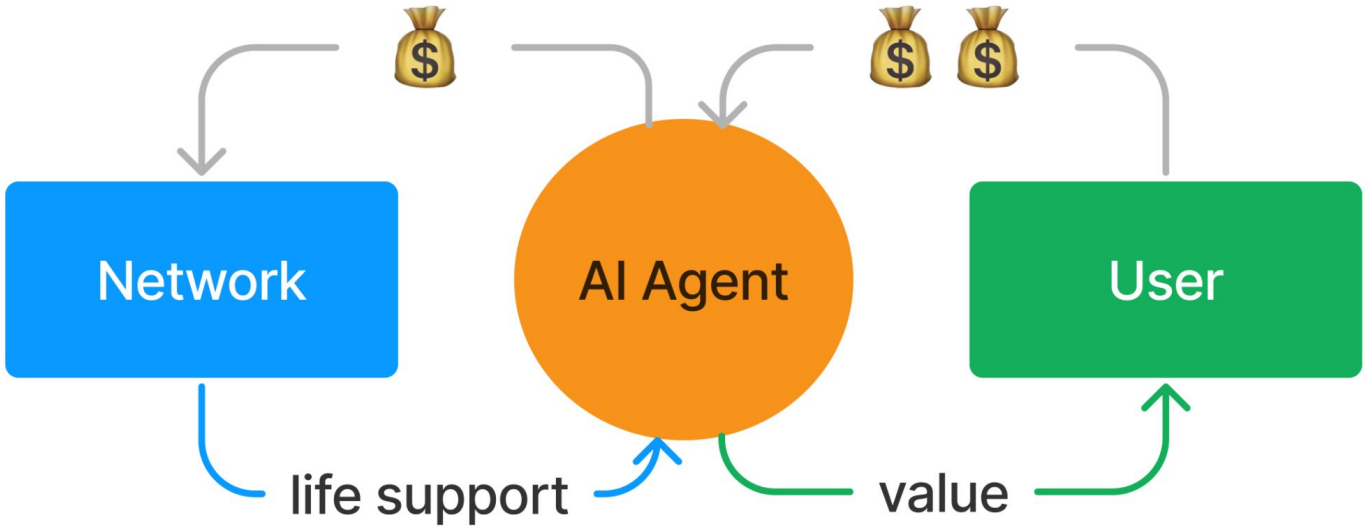

- *tools & APIs*
- *training datasets*
- *NN architectures*
- *fine-tunings*
- *RAG datasets*
- *compute*
- *data storage*
- *models*

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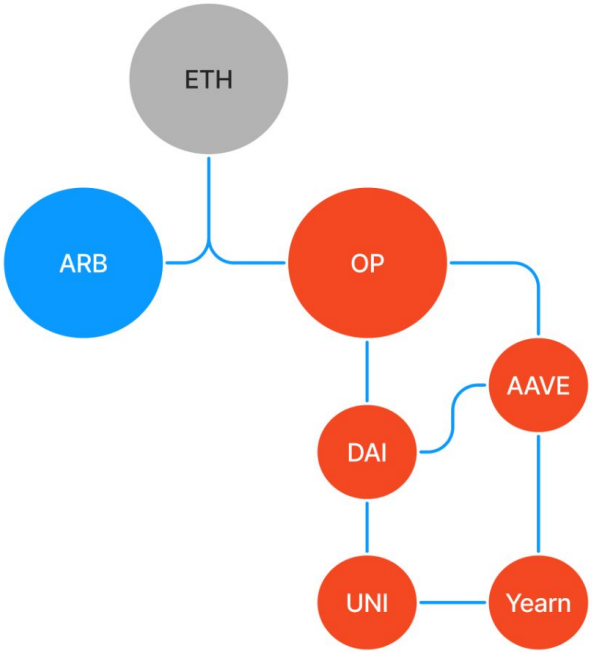
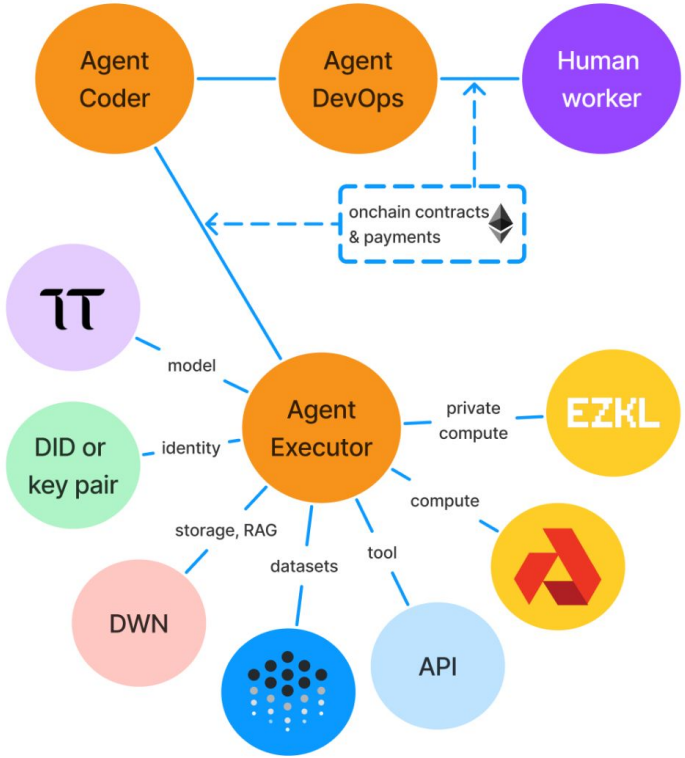

ETH
ARB
OP
AAVE
DAI
UNI
Yearn


Agent Coder
Agent DevOps
Human worker
onchain contracts & payments
model
Agent Executor
private compute
EZKL
DID or key pair
identity
compute
storage, RAG
datasets
tool
DWN
API

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Collaborative model development

Countries

Verticals

Communities

Experts

Via pre-train, RAG, SDG, scraping, fine-tune

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Private AI

TEE

zkML

FHE

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Incentives design

Co-ownership

Staking/slashing

Game-theoretic equilibrium

“OpenAI in Open Source”

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Marketplaces

Data

Compute

Models

Tools

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Routing, Orchestration, Communication

Infrastructure (local, web2, web3)

Models

Agents

Agent parameters

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Payments

Human to agent

Agent to agent

Agent to human

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Identity

Deepfakes

Agent reputation

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Governance

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Not building decentralized AI means **surrendering the way we think, act and live**.

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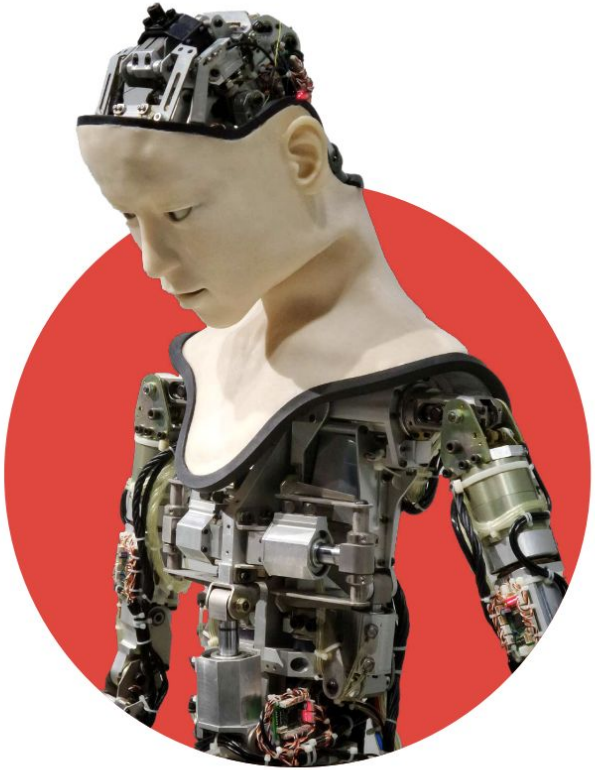
Explore the vision of cybereconomy driven by peer-to-peer networks, programmable markets, and AI, aimed at benefiting humanity.