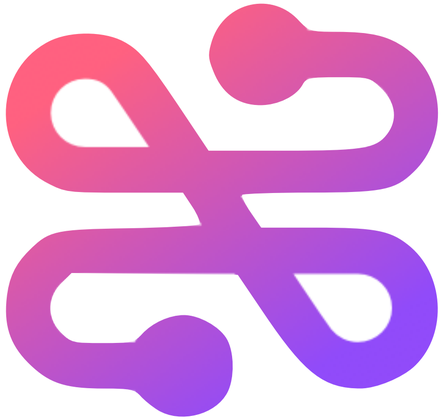

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NEXT-GEN HOSTLESS APPS

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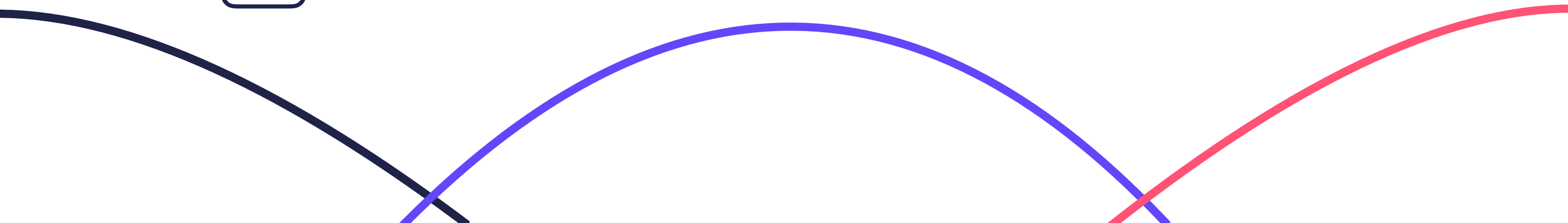
TREND

CONTAINERS → SERVERLESS → HOSTLESS



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HOSTLESS & THE DECENTRALIZED WEB

TECHNOLOGY	ROLE
IPFS	Global Storage
Blockchain	Global Transactions
Web Assembly	Global Compute

“WEB3”

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TREND

- DevOps keeps getting more complex
- Simplicity on top of Amazon is continuing to sell
- Storing user data is increasingly seen as toxic
  - e.g. credit card numbers in a database
- People are angry with the big internet platforms

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DEVELOPER TOOLS

Classic business-to-developer (B2D) subscription model

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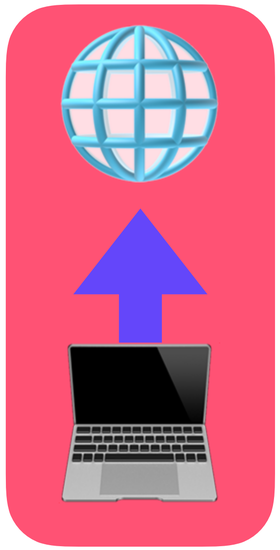
PORTABLE FILES & IDENTITY



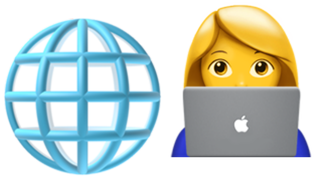
Developers build & deploy hostless apps from their desktops.

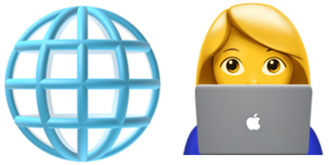
FISSION links this to a Web2 domain name.

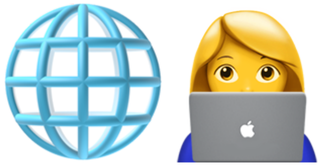
Easy identity & file storage for users included.

Users sign up & get portable data.

Connect to any other hostless apps.







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GO WHERE DEVELOPERS (& USERS!) ARE

- Target existing open source apps to enable IPFS file storage, portable identity
    - eg WordPress plugin for portable files to access vast numbers of users
- Low level tools on Github & Heroku to build new hostless apps and workflows
- Web3 already uses Web2 standards like React: we show Web2 devs how decentralized web can be better for their use cases

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PROGRESSIVE DECENTRALIZATION

- Example1
  - Email + password login, we use that to derive private key
  - Upgrade to full Web3 identity, integrate & interoperate with Sovrin & other Web3 native providers
- Example2
  - Use smart contract as a service through APIs, get charged in fiat on your SaaS bill
  - Go token native for reduced costs and advanced functionality

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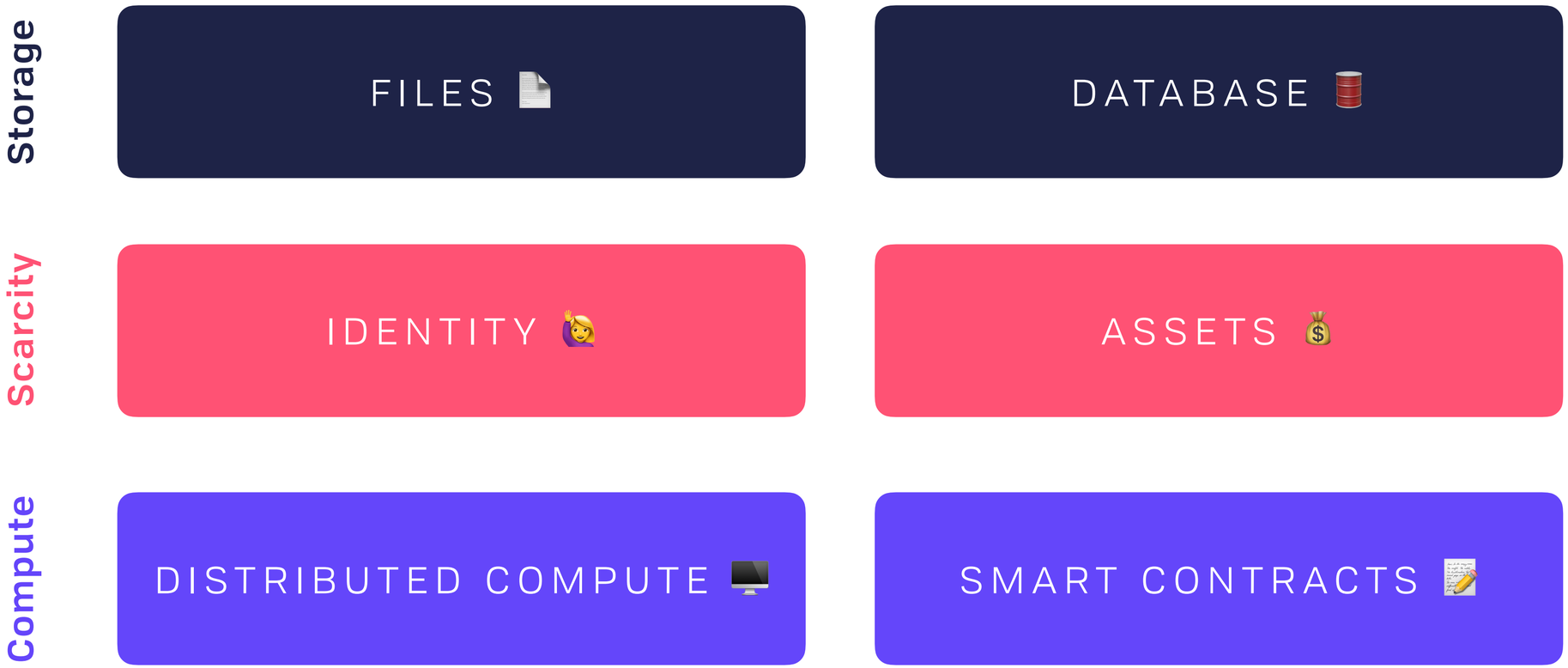
A FRAMEWORK FOR THE NEXT WAVE



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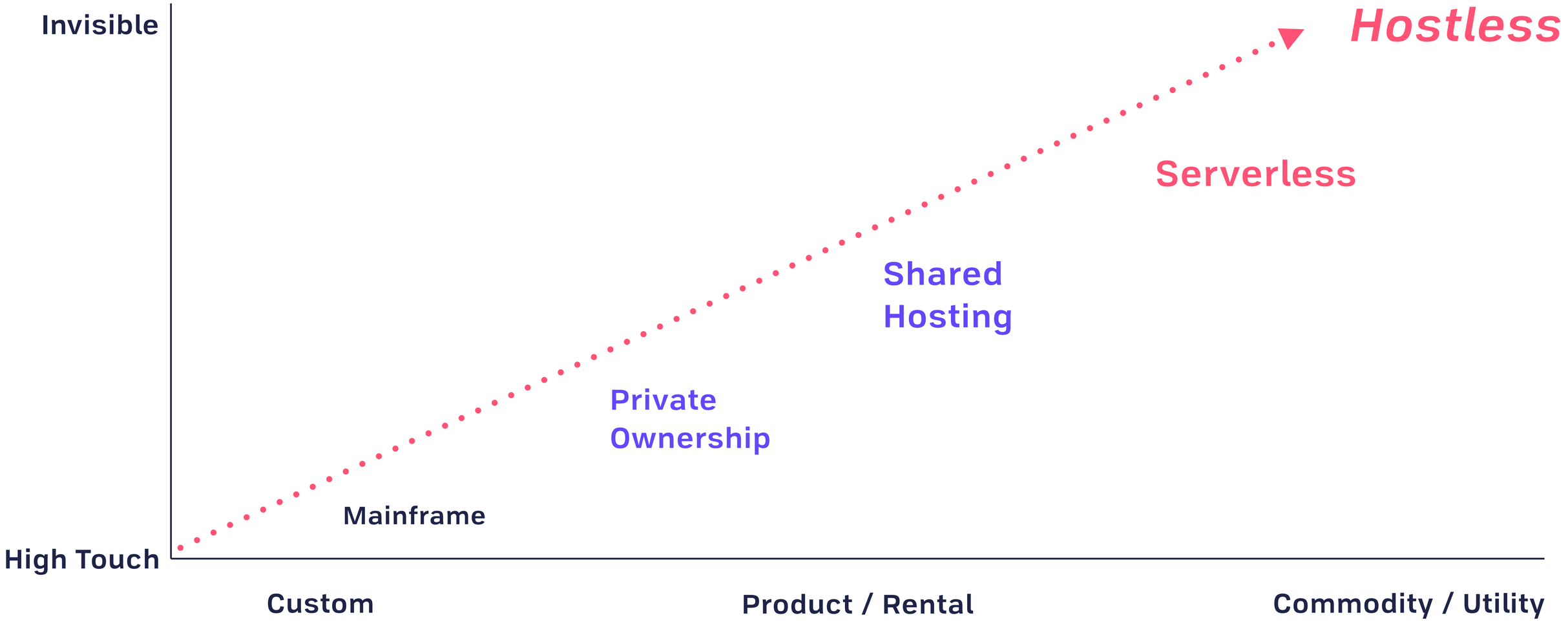
THE END OF HISTORY