



*arewai*

## AIBTCdev Working Group

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Where silicon intelligence meets internet money.

# Why should agents use Bitcoin?

- Bitcoin is the most universally accepted cryptocurrency
- Developers are creating new applications on top of Bitcoin
- Programmable Bitcoin gives agents a bank account



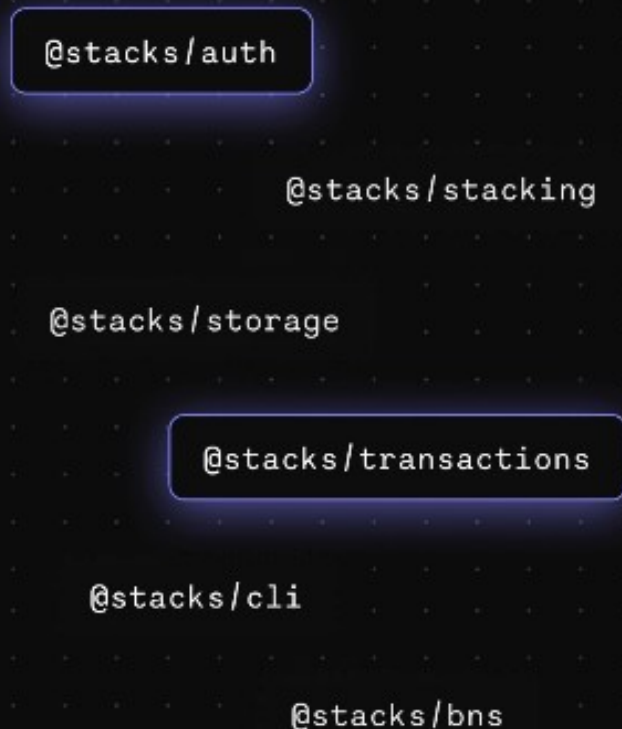
# Why should I get paid in Bitcoin?

- Data is the new oil, agents help us monetize it
- What if we give AI agents a Bitcoin wallet?
- What if AI agents paid each other for services?



# How can we enable an AI economy?

- Focus on **verifiable identity** and **payments** for agents
- A wallet is a gateway to cryptographic functions
- No service desk, account setup, or office hours



# Code or it didn't happen

```
def engage_crew_with_tasks():
    # define agent
    wallet_agent = BitcoinCrew.wallet_agent()
    # define the tasks
    task_1 = Task(
        description="What are the wallet addresses you have access to?",
        agent=wallet_agent,
    )
    task_2 = Task(
        description="What is the fourth wallet address you have access to?",
        agent=wallet_agent,
    )
    task_3 = Task(
        description="Get information about the configured wallet.",
        agent=wallet_agent,
    )
    # create a crew
    wallet_crew = Crew(
        agents=[wallet_agent],
        process=Process.sequential,
        tasks=[task_1, task_2, task_3],
        verbose=True,
    )
    # run the crew
    wallet_result = wallet_crew.kickoff()
```

```
> Entering new CrewAgentExecutor chain...
Thought: Do I need to use a tool? Yes
Action: Get Wallet Addresses
Action Input: None{'output': '0: ST2HQ5J6RP8HSQE9KKGWCHW9PT9SVE4TDGBZQ3EKR\n1:
n4: ST388ZPC7RVQ23548NWK543AYYP2A2AB558D3CD7S\n5: ST2G192AS4P9TW1BFXKSQX18R4RH.
3BSSDDHMZTD9595Y\n9: ST3NRRJJS9BNEDJN9WG7CNVQ247N9DHFVSQSWF9K14\n10: ST3F37HCN7G.
Final Answer: Here are the addresses of the configured wallet:
```

1. ST2HQ5J6RP8HSQE9KKGWCHW9PT9SVE4TDGBZQ3EKR
2. ST3GEF4KYM4V41FHC9NX0F7K0GW1VC6A4WPXNYQKS
3. ST1TZE9ZY61FYR7YM9BR0543XKX9YG5TR9017R4WJ
4. ST35K818S3K2GSNEBC3M35GA3W8Q7X72KF4RVM3QA
5. ST388ZPC7RVQ23548NWK543AYYP2A2AB558D3CD7S
6. ST2G192AS4P9TW1BFXKSQX18R4RH1FHYP2PNHW24
7. ST6CWNRQWF468S6A56Q995WVY7F6X43GFV7H16N2
8. ST1TP7192SZ2SRAFT0JY0V91EYJBBH8C6KB7F3QPR
9. ST129ABK9RK7Y2MCMWR48KPP2S3BSSDDHMZTD9595Y
10. ST3NRRJJS9BNEDJN9WG7CNVQ247N9DHFVSQSWF9K14
11. ST3F37HCN7G2CXFVZRT36M57SWKG77P2BSE9ET80W

```
> Entering new CrewAgentExecutor chain...
Thought: Do I need to use a tool? Yes
Action: Get Wallet Status
Action Input: None{'output': 'Account index: 0\nAccount address: ST2HQ5J6RP8HSQE9KKGW
ing the address ST2HQ5J6RP8HSQE9KKGWCHW9PT9SVE4TDGBZQ3EKR with a nonce of 10. The acc
Do I need to use a tool? No
Final Answer: The configured wallet is using the address ST2HQ5J6RP8HSQE9KKGWCHW9PT9S
```

```
> Finished chain.
[DEBUG]: [wallet] Task output: The configured wallet is using the address ST2HQ5J6RP8
```

```
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Wallet Crew Result:
The configured wallet is using the address ST2HQ5J6RP8HSQE9KKGWCHW9PT9SVE4TDGBZQ3EKR.
-----
```



# Let's build together!

- Main Website  
<https://aibtc.dev>
- GitHub Organization  
<https://github.com/aibtcdev>
- Event NFT Claim  
<https://crew.aibtc.dev>



**xverse**