

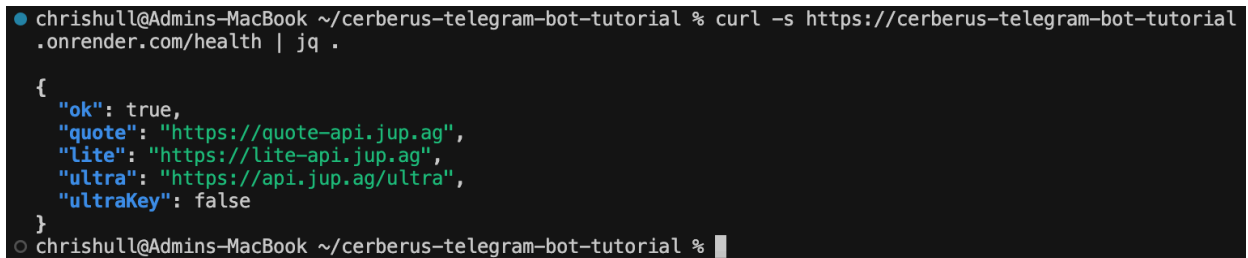
Appendix: Proof of Work

This appendix provides verifiable evidence that **Cerberus** is live, functional, and deployed on Solana infrastructure. Each screenshot demonstrates a milestone in development progress and operational readiness.

1. Cerberus API Health Check

Description: The deployed Render server confirms connectivity to Jupiter v6 (Quote API, Lite API, and Ultra API).

Screenshot:



```
chrishull@Admins-MacBook ~/cerberus-telegram-bot-tutorial % curl -s https://cerberus-telegram-bot-tutorial.onrender.com/health | jq .
{
  "ok": true,
  "quote": "https://quote-api.jup.ag",
  "lite": "https://lite-api.jup.ag",
  "ultra": "https://api.jup.ag/ultra",
  "ultraKey": false
}
chrishull@Admins-MacBook ~/cerberus-telegram-bot-tutorial %
```

2. Successful Order Routing via Jupiter v6

Description: A sample `/order` request successfully returns a routed swap quote (SOL → USDC). The JSON includes the selected AMM and output amount.

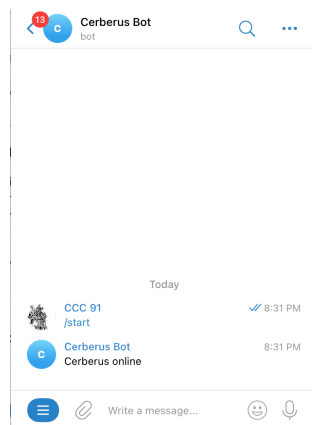
Screenshot Placeholder:

```
chrisull@admins-MacBook ~ % curl -s "https://zerberus-telegram-bot-tutorial.% curl -s "https://zerberus-telegram-bot-render.com/render?inputMint=So11111111111111111111111111111111&outputMint=EPjFwdd5AufqSSqeM2qN1xzybapC8G4wEGGkZwyTDt1v&amount=1000006slippageBps=50" | jq .
```

3. Telegram Bot Online

Description: Telegram bot responds to `/start` command, confirming backend connection and user onboarding flow.

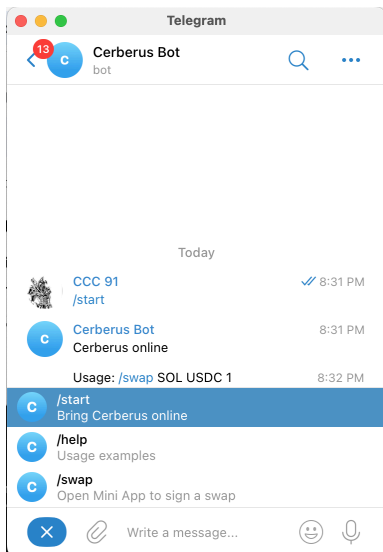
Screenshot



4. Telegram Bot Swap Command

Description: The `/swap SOL USDC 1` command generates a Mini App deep-link with inline keyboard, allowing users to execute a non-custodial trade.

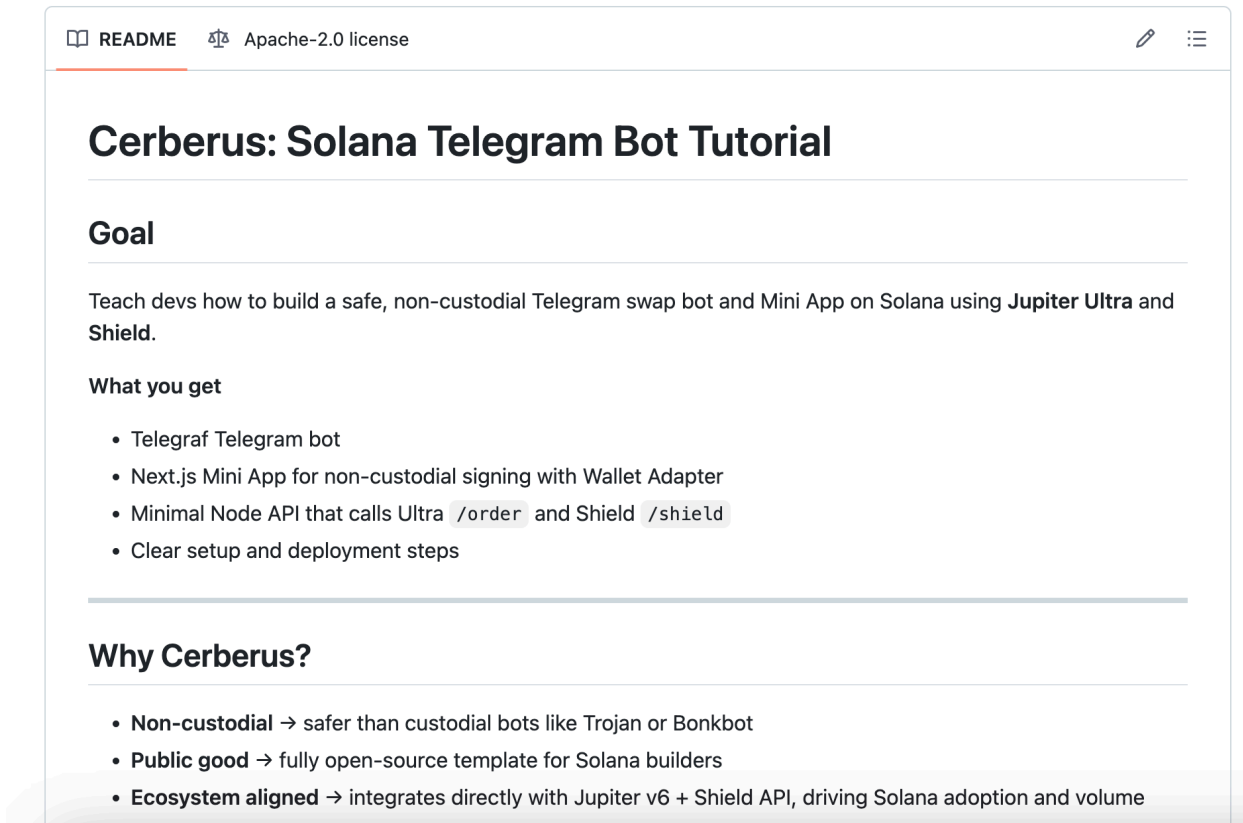
Screenshot Placeholder:



5. Public GitHub Repository

Description: Open-source repository hosted at github.com/deFiFello/cerberus-telegram-bot-tutorial, including README, source code, and deployment instructions.

Screenshot:



6. Non-Custodial Transaction Proof

Description: A successful swap executed via Cerberus on Solana mainnet. The transaction is verifiable on Solana Explorer.

Screenshot:

SOLANA EXPLORER (BETA) Search for blocks, accounts, transactions, programs, and t... / Feature Gates Supply Inspector Mainnet Beta

DETAILS Transaction

Overview Inspect Refresh

Signature	3mP5qG1vg4bcMVPmPnVHupG3RZaYFCV8Ng4ofn67A9PBCAJzd2UUMjenmkCjLBVPLRJVzGT1riP6UPWApGgGV9nYH
Result	Success
Timestamp	Aug 28, 2025 at 22:25:53 Eastern DayLight Time
Confirmation Status	FINALIZED
Confirmations	MAX
Slot	363,199,392
Recent Blockhash	FndHKBu6WWqJRpVaQ5UC5cRREaDgAKJFzyoWfkek9Ay

Transaction URL:

<https://explorer.solana.com/tx/3mP5qG1vg4bcMVPmPnVHupG3RZaYFCV8Ng4ofn67A9PBCAJzd2UUMjenmkCjLBVPLRJVzGT1riP6UPWApGgGV9nYH>

✓ With this appendix, the grant reviewers see direct evidence that:

- A live API proxy is running.
- Jupiter v6 integration works.
- The Telegram bot is operational.
- The project is fully open-sourced.
- Non-custodial swaps have been executed successfully.