

PARLAYMARKET

Parlays for prediction markets on Polymarket liquidity.

Multi-leg tickets as a first-class object.

Transparent payout math. Non-custodial routing.

• EARLY ACCESS · ALPHA

parlaymarket.io

The screenshot displays the ParlayMarket website interface. At the top, there is a navigation bar with the ParlayMarket logo, a 'Theme' dropdown, 'Docs', and a 'Launch app' button. Below the navigation, a banner reads 'Smart parlays on top of on-chain prediction markets.' To the right of the banner is a 'SAMPLE PARLAY TICKET - DEMO' section with a 'Local computation only' label. This section contains a table of legs for a parlay ticket:

| Leg | Include | Leg prob. | Weight |
|---------------------|---|-----------|--------|
| US election - Pres. | <input checked="" type="checkbox"/> YES | 0.61 | 0.61 |
| Senate control | <input checked="" type="checkbox"/> YES | 0.54 | 0.54 |
| Turnout > 2016 | <input checked="" type="checkbox"/> YES | 0.48 | 0.48 |

Below the table, it shows a 'Stake' of \$100, a 'Max payout' of \$632.46, and a 'House edge: 1.2% (illustrative)'. To the right, it indicates an 'Average parlay probability' of 0.16. Below the ticket, there is a note: 'Illustration only. This mini ticket is computed locally with static leg probabilities. The app applies similar multiplicative logic to live markets.'

The 'HOW IT WORKS' section is divided into three steps:

- Ingest markets:** The engine ingests binary prediction markets from supported venues, normalises metadata and resolution criteria, and filters for markets that are parlay-safe.
- Construct and price parlays:** Users pick legs; the engine computes fair joint probabilities, applies configurable edge, and quotes a parlay stake / max payout. Risk limits are checked per event and per portfolio.
- Resolve, settle, and log:** When underlying markets resolve, ParlayMarket settles tickets according to a rulebook, reconciles with external outcomes, and produces an auditable settlement and P&L log.

THE PROBLEM

Conditional theses are hard to express.

Fragmented positions

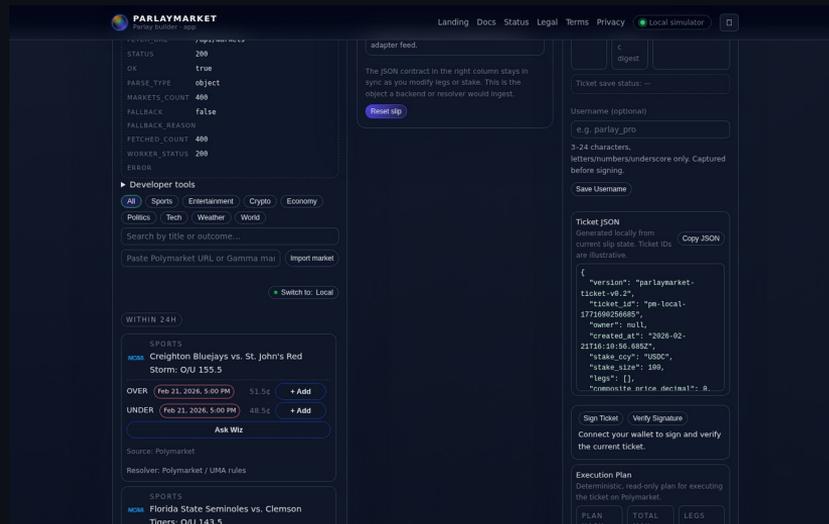
Correlated bets on election sweeps or macro events require manual sizing across separate markets.

No combined pricing

Users can't see joint probability, composite odds, or max payout for a multi-leg thesis in one place.

Tracking friction

Reconciling P&L across independent positions is error-prone and time-consuming.



Markets are atomic — no native parlay support

THE SOLUTION

The multi-leg ticket as a first-class object.

Parlay-first engine

Pick legs from live markets; engine computes composite odds, implied probability, and max payout.

Transparent math

Multiplicative pricing under independence. Stake \times composite odds = projected payout.

Deterministic payload

Ticket JSON schema (v0.2) with locked prices and wallet signature via WalletConnect.

Non-custodial routing

Orders route to Polymarket. ParlayMarket never holds funds or takes the other side.

SAMPLE PARLAY TICKET · DEMO Local computation only

| Leg | Include | Leg prob | Weight |
|---------------------|---|----------|--------|
| US election · Pres. | <input checked="" type="checkbox"/> YES | 0.61 | 0.61 |
| Senate control | <input checked="" type="checkbox"/> YES | 0.54 | 0.54 |
| Turnout > 2016 | <input checked="" type="checkbox"/> YES | 0.48 | 0.48 |

Stake Effective parlay probability **0.16**

Max payout **\$632.46**

House edge: 1.2% (illustrative)

Illustration only. This mini ticket is computed locally with static leg probabilities. The app applies similar multiplicative logic to live markets.

ParlayMarket is a dedicated parlay engine on top of

3 legs · \$100 stake · \$632 max payout · 0.16 implied prob

From market ingestion to gated execution.



Full technical whitepaper at parlaymarket.io/docs

Route through Polymarket. Don't fragment liquidity.

Liquidity-preserving

All orders execute on Polymarket's CLOB. ParlayMarket is a UX layer, not a competing venue.

Builder / relayer compatible

Ticket execution designed for relayer attribution and builder-grant eligibility.

Extensible architecture

Supports plugging in additional on-chain prediction venues without rebuilding core logic.

Non-custodial posture

Not a prediction market, exchange, or custodian. Positions exist at the venue.



The screenshot shows the ParlayMarket website's legal page. At the top, there is a navigation bar with the ParlayMarket logo and links for "Legal Disclosures", "Landing", "App", "Docs", "Terms", and "Privacy". The main content area is titled "LEGAL" and "Legal / Disclosures / Non-Custodial Routing". Below the title, there is a paragraph explaining that disclosures describe how ParlayMarket software tools support ticket creation, simulation, and routing to third-party venues, with an effective date of 2026-02-17. The page is divided into two sections: "1) What ParlayMarket is" and "2) Third-party venues and 'trader of record'". Section 1 states that ParlayMarket provides software tools for creating, simulating, and routing multi-leg order instructions ("tickets") to third-party prediction market venues and related service providers. It clarifies that ParlayMarket is not a prediction market, exchange, broker-dealer, futures commission merchant, investment adviser, gambling operator, or custodian, and does not operate a market or take the other side of user trades. Section 2 explains that when execution is enabled, ParlayMarket routes user-authorized orders to a third-party venue, which is responsible for order acceptance and rejection, trade execution, pricing and market data, custody of assets, user account status verification (KYC), and settlement. A final paragraph states that users are the "trader of record" at the venue, and ParlayMarket routes orders using user-authorized credentials/session grants.

LEGAL

Legal / Disclosures / Non-Custodial Routing

Disclosures for how ParlayMarket software tools support ticket creation, simulation, and routing to third-party venues.

Effective date: 2026-02-17

1) What ParlayMarket is

ParlayMarket provides software tools that help users create, simulate, and route multi-leg order instructions ("tickets") to third-party prediction market venues and related service providers.

ParlayMarket is **not** a prediction market, exchange, broker-dealer, futures commission merchant, investment adviser, gambling operator, or custodian. ParlayMarket does not operate a market or take the other side of user trades. Orders and positions exist at the third-party venue(s) selected by the user.

2) Third-party venues and "trader of record"

When execution is enabled, ParlayMarket routes user-authorized orders to a third-party venue. The **third-party venue** is responsible for:

- order acceptance and rejection,
- trade execution,
- pricing and market data at the venue,
- custody of any assets held at the venue,
- user account status, eligibility, identity verification (KYC), and restrictions,
- settlement, clearing, and any disputes.

Users are the **trader of record** at the venue. ParlayMarket routes orders using user-authorized credentials/session grants associated with the user's venue account, consistent with the venue's API

Legal disclosures: parlaymarket.io/legal

Demo live. Execution gated. Infra hardened.



App

Live — paper-trading mode



Market Feed

400 markets via Gamma proxy



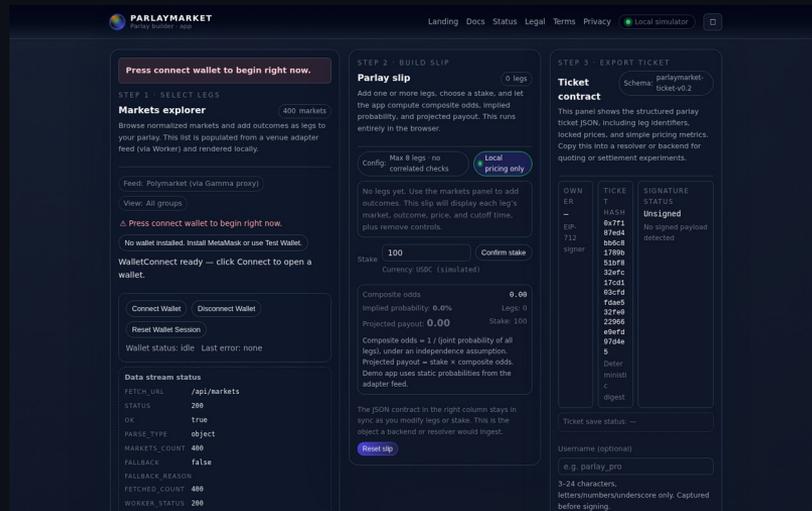
Execution

Gated — canary path defined



Infra

Recency sorting · cached variants · stable endpoints



Live app: parlaymarket.io/App

Safety-first path to production execution.



No compliance claims. Execution subject to venue rules and user authorization.

Builders grant to accelerate demo → canary → production.

01

Integration

Builder-API integration with Polymarket CLOB for production order routing and attribution.

02

Ops Hardening

Monitoring, rate limits, slippage guards, and kill-switch infrastructure for safe canary rollout.

03

Canary Execution

Two-week allowlisted canary with capped stakes, receipts, and deterministic execution plans.