CopilotKit Products

CopilotKit: The Agentic Application Platform

The CopilotKit Platform Product Areas include the framework, premium, and intelligence features that application developers need to create **successful agentic applications** using any agentic backend. Each product area and its features are described below.
Visit copilotkit.ai/products for more information.

CopilotKit works with **any agentic backend** (framework, LLM, or mesh), and any agentic protocol (AG-UI, MCP, or A2A).

The Core Framework is open source and free to self-host. Run the full platform **self-hosted** or **fully managed** in CopilotKit Cloud.

Core Framework (OSS)

Get started building AI copilots with in-app actions, generative UI, and real-time context awareness.

- Managed Agent Connections
- In-app Actions
- Generative UI
- Realtime Context Awareness
- Agent-App State Sync
- React Client

Premium Features

Full customization of your agentic applications with headless UI, observability hooks, debugging, and Angular support.

- Fully Headless UI
- Observability Hooks
- Angular Client
- CopilotKit Inspector

Copilot Intelligence

Persistence, analytics, A/B testing, and self-improving agents with reinforcement learning to continuously improve your copilots and apps.

- Dashboard & IaC CI/CD
- Thread History & Branching
- A/B Testing for Agentic Applications
- Data Lakehouse & Analytics
- Self-improving Agents with RL

Core Framework (Open Source, MIT License)

The foundation of CopilotKit - everything you need to get started building AI copilots with the agent(s) of your choice. Available as open source under MIT license.

Core: Managed Agent Connections

Built-in support for emerging agent frameworks, protocols and standards - connect to LLMs, framework agents, MCP servers, and A2A meshes without custom lock-in integration code.

Key capabilities:

- AG-UI, MCP and A2A Support
- Agent Framework Integrations (LangChain, Google, MS and more)
- Connection pooling

Use cases:

- Multi-agent systems coordination
- External services via MCP servers
- Standards-compliant architectures
- Agent marketplace integration

Core: In-app Actions

Define actions that AI agents can execute directly within your application - from simple API calls to complex multi-step workflows. Agents that actually do things, not just chat.

Key capabilities:

- Declarative action definitions
- Automatic agent action discovery
- Frontend and backend actions
- Real-time action streaming

Use cases:

- Data mutations (CRUD)
- Workflow automation
- External API integrations
- Multi-step operations

Core: Agent-App State Sync

Bidirectional state synchronization between agents and your application - agents read app state, app reacts to agent actions, everything stays in sync.

Key capabilities:

- Two-way state binding
- Optimistic updates
- Event-driven state changes
- State persistence and recovery

Use cases:

- Collaborative editing
- Real-time dashboards
- Coordinated workflows
- State-driven navigation

Core: Generative UI

AI agents dynamically generate UI components based on conversation context - creating rich, interactive interfaces that go far beyond text.

Key capabilities:

- Agent-driven component rendering
- Context-aware UI generation
- React component integration
- Real-time UI updates
- Type-safe component props

Use cases:

- Dynamic forms based on user needs
- Interactive data visualizations
- Contextual dashboards
- Progressive disclosure interfaces
- Adaptive workflows

Value: Create engaging, visual experiences that adapt to each user's journey.

Core: Realtime Context Awareness

Agents automatically stay aware of application state, user context, and environmental changes - no manual context management required. Agents that understand context without explicit prompting.

Key capabilities:

- Automatic state tracking
- Real-time updates
- Selective context exposure
- Efficient context synchronization
- Multi-source context aggregation

Use cases:

- Context-aware assistance
- State-driven suggestions
- Proactive help
- Personalized responses adapted to user's current task

Core: React Client

Official CopilotKit client library for React applications with hooks, components, and full TypeScript support. First-class React support. Build copilots the React way.

Key capabilities:

- React hooks for state management
- Pre-built UI components
- TypeScript type definitions
- Next.js integration
- Server and client component support

Use cases:

- React web applications
- Next.js projects
- Modern React component libraries
- Full-stack React ap

Premium Features (Subscription Required)

Advanced capabilities for teams that need full control over their copilot experience.

Premium: Fully Headless UI

Build completely custom copilot interfaces without any of CopilotKit's default UI components - full design freedom from the ground up. Your copilot, your design.

Key capabilities:

- Zero imposed UI structure
- Direct access to all state and events
- Custom component architecture
- Brand-aligned experiences

Use cases:

- Custom branded chat interfaces
- Embedded assistants in existing UIs
- Voice & Gesture interaction patterns
- Design system integration

Premium: Observability Hooks

Programmatic access to all agent events, state changes, and performance metrics - build custom monitoring, logging, and analytics. Integrate with your existing observability stack.

Key capabilities:

- Event stream access
- Performance metrics
- Integration with monitoring tools
- Real-time and historical access

Use cases:

- Custom analytics dashboards
- Integrations w/ DataDog, NewRelic...
- Custom alerting and monitoring
- Audit logging and compliance

Premium: Angular Client

CopilotKit client library for Angular applications with full TypeScript support and Angular-native patterns. First-class Angular support. Build copilots the Angular way.

Key capabilities:

- Angular services and modules
- RxJS observable integration
- Angular dependency injection
- Angular CLI integration

Use cases:

- Enterprise Angular applications
- Angular component libraries
- Angular-based design systems
- Legacy Angular app modernization

Premium: CopilotKit Inspector

Debug and inspect all agent-user interactions in real-time and historically. See exactly what your agents are doing, why they made decisions, and how they're performing. X-ray vision into your agents. Debug with confidence.

Key capabilities:

- Real-time interaction monitoring
- Historical conversation replay
- Agent decision tracing
- Performance profiling
- Error tracking and debugging

Use cases:

- Production debugging
- Behavior optimization
- Quality assurance
- Training data extraction

Copilot Intelligence (Self-hosted or CopilotKit Cloud)

Persistence-backed features that enable continuous learning, optimization, and rich user experiences. Production-grade operations. Deploy and monitor with confidence.

Intelligence: Dashboard & IaC CI/CD

Visual dashboard for monitoring agent performance plus Infrastructure as Code for automated deployment and testing in CI/CD pipelines.

Key capabilities:

- Real-time performance & alerts
- Historical metrics and trends
- Infrastructure as Code definitions
- Automated testing in CI/CD

Use cases:

- Operations monitoring
- Automated deployment pipelines
- Environment parity
- Team visibility

Intelligence: Thread History & Branching

End users can resume old conversations and branch from any point in conversation history - creating explorable, non-linear conversation experiences. No more starting from scratch.

Key capabilities:

- Persistent conversation storage
- Branch and explore alternate paths
- Conversation search and filtering
- Cross-device conversation sync

Use cases:

- Customer support with full history
- Iterative design workflows
- Research and exploration tools
- Long-term projects

Intelligence: A/B Testing for Agentic Applications   Coming Soon

Run experiments on agent behavior, prompts, flows, and UI with statistical analysis - data-driven optimization for AI applications. Know what works. Optimize with data, not hunches.

Key capabilities:

- Multi-variant testing & metrics
- Statistical significance calculation
- Automatic traffic splitting
- Experiment history and comparison

Use cases:

- Test different agent personalities
- Compare prompt strategies
- Evaluate model performance
- UI/UX optimization

Intelligence: Data Lakehouse & Analytics

 Coming Soon

Query and analyze all agent-user interactions across your application - a complete record of every conversation, action, and outcome. Turn interactions into insights. Every conversation is learning data.

Key capabilities:

- SQL-queryable interaction data
- Full conversation history
- Action logs and outcomes
- Performance metrics over time
- Data export for training

Use cases:

- Product analytics
- Compliance and auditing
- Training data extraction
  Performance monitoring over time
- User research and pattern discovery

Intelligence: Self-improving Agents with RL

 Coming Soon

What it does: Agents that learn and improve from interactions without manual intervention - using reinforcement learning to optimize behavior over time. Agents that learn from experience. Continuous improvement without manual work.

Key capabilities:

- Automatic prompt augmentation
- Context-based learning
- Pattern recognition and adaptation
- No model fine-tuning required
- Fine-tuning based RL

Use cases:

- Personalized experiences (agent adapts to each user)
- Domain-specific optimization
- Quality improvement over time
- Reduced prompt engineering

Platform Deployment Options

Self-Hosted	**Copilot Cloud**
- Deploy the Core Framework (OSS) and Premium Features on your own infrastructure - Bring your own persistence layer for Copilot Intelligence features - Full control over data and infrastructure	- Fully managed platform - Includes Core Framework, Premium Features, and Copilot Intelligence - Automatic scaling and persistence - Monitoring and operations included - Usage-based pricing tiers

CopilotKit Premium Tiers

Developer (Free)	**Team** ($1,000 / seat / month)	**Enterprise** (Custom, $5K/month +)
✓ Full Core Framework ✓ Full Premium Features ✓ Full Copilot Intelligence ✓ 1 developer seat ✓ 50 Monthly Active Users (MAU) ✓ Discord community	✓ Everything in Developer ✓ Team accounts ✓ Volume discounts available ✓ 100 MAUs per seat ✓ Dedicated Slack support	✓ Everything in Team ✓ Cloud, VPC, or On-Prem deployment ✓ Offline license key validation ✓ Pooled seats and MAUs ✓ SSO & Enterprise Security ✓ Premium support & Prioritized roadmap ✓ Service Level Agreement
Get Started for Free!	Build with your team!	Get a Custom Plan!