

# Retrofit First: Supercharging Le Chat with MCP Connectors

From "no integrations" to "works with everything" — fast.

Wilfred Doré, **Team:** Magellann (with Ali, Adrian)

Mistral AI • MCP • OpenAPI • GraphQL • AsyncAPI • Alpic





# The Cold Start Problem



## New agents face a "cold start"

No integrations → low utility → low adoption cycle



## Fragmented ecosystem

Existing APIs, tools, and devices scattered across REST, GraphQL, event streams, web-only UIs



## The need

A standard, scalable way to interoperate with the real world—today

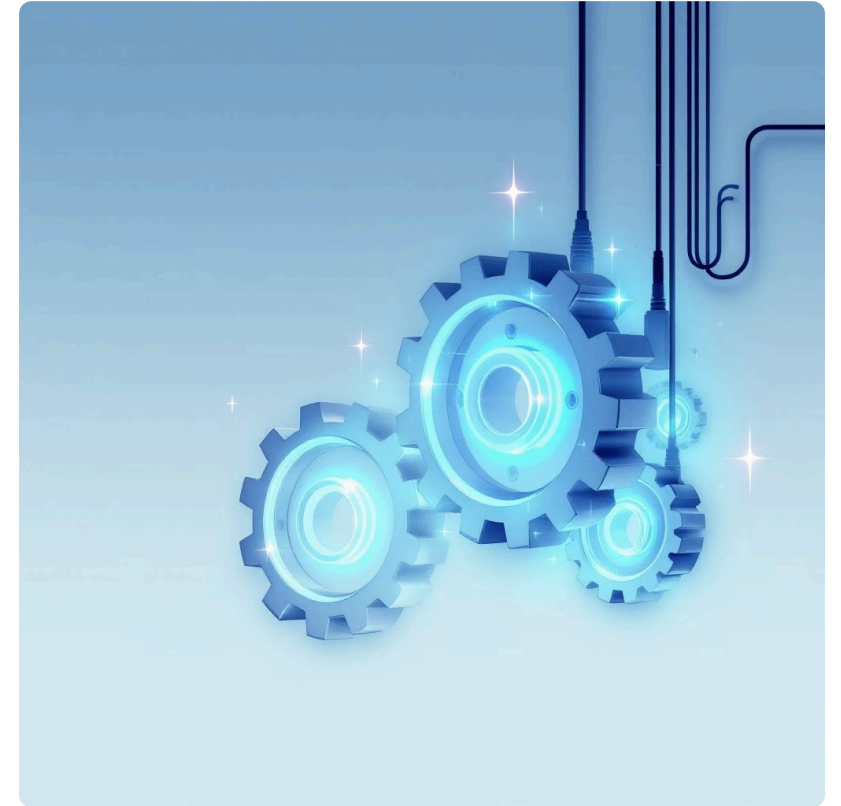
# Our Insight: Retrofit What Exists

## Interoperability is the key

Instead of rebuilding from scratch, retrofit what already exists using MCP as the universal interface.

Generate connectors automatically from existing specs and documentation.

✅ **Impact:** Shorten time-to-first-integration from weeks to minutes



# Retrofitting at Scale



## Parse API Specs

- Swagger/OpenAPI 3
- GraphQL schemas
- Unstructured docs via AI



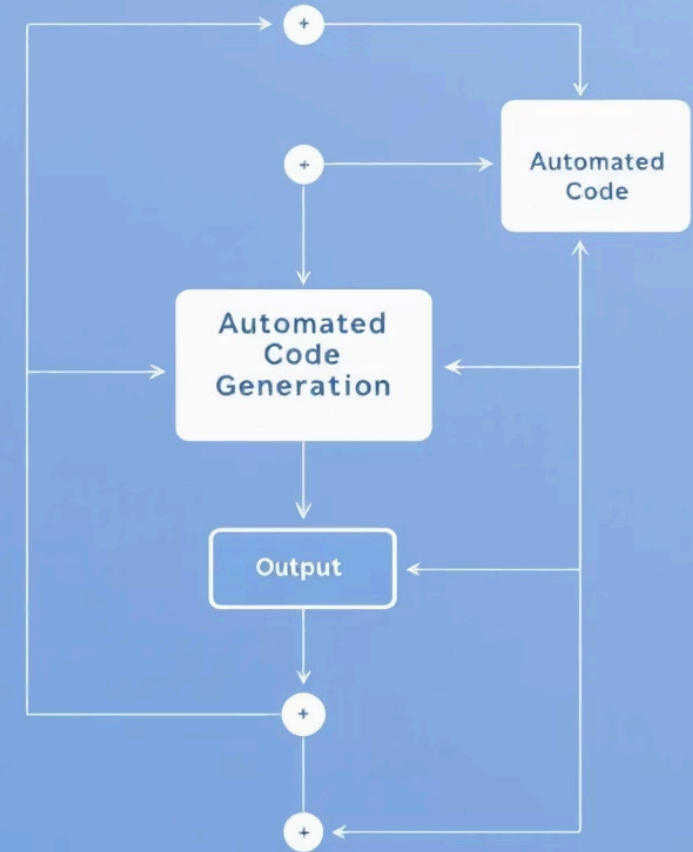
## Auto-Generate

Extract endpoints, parameters, schemas → MCP tools with JSON Schemas

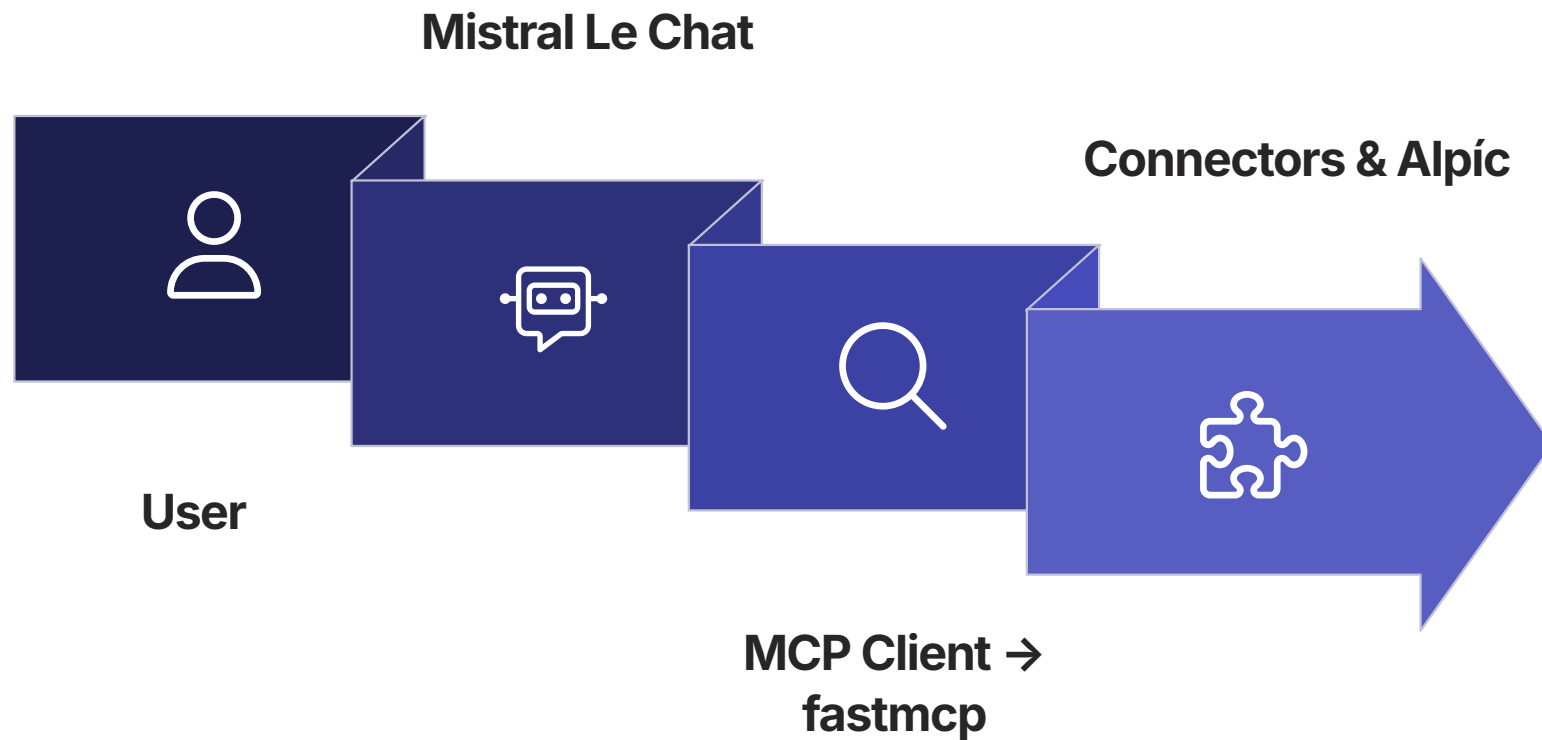


## Ready for Le Chat

Typed tools with examples, immediately usable



# System Architecture



Universal interoperability through standardized MCP interface

# What We Built This Weekend

## **fastmcp server**

Python MCP server with automatic code generation

## **MCP server with web browser automation**

To expose external services to Mistral Le Chat

## **End-to-End Demo**

Akinator MCP server deployed on Alpaca, connected to Le Chat, fully working demonstration



# Why It Matters

## **Solves Cold Start**

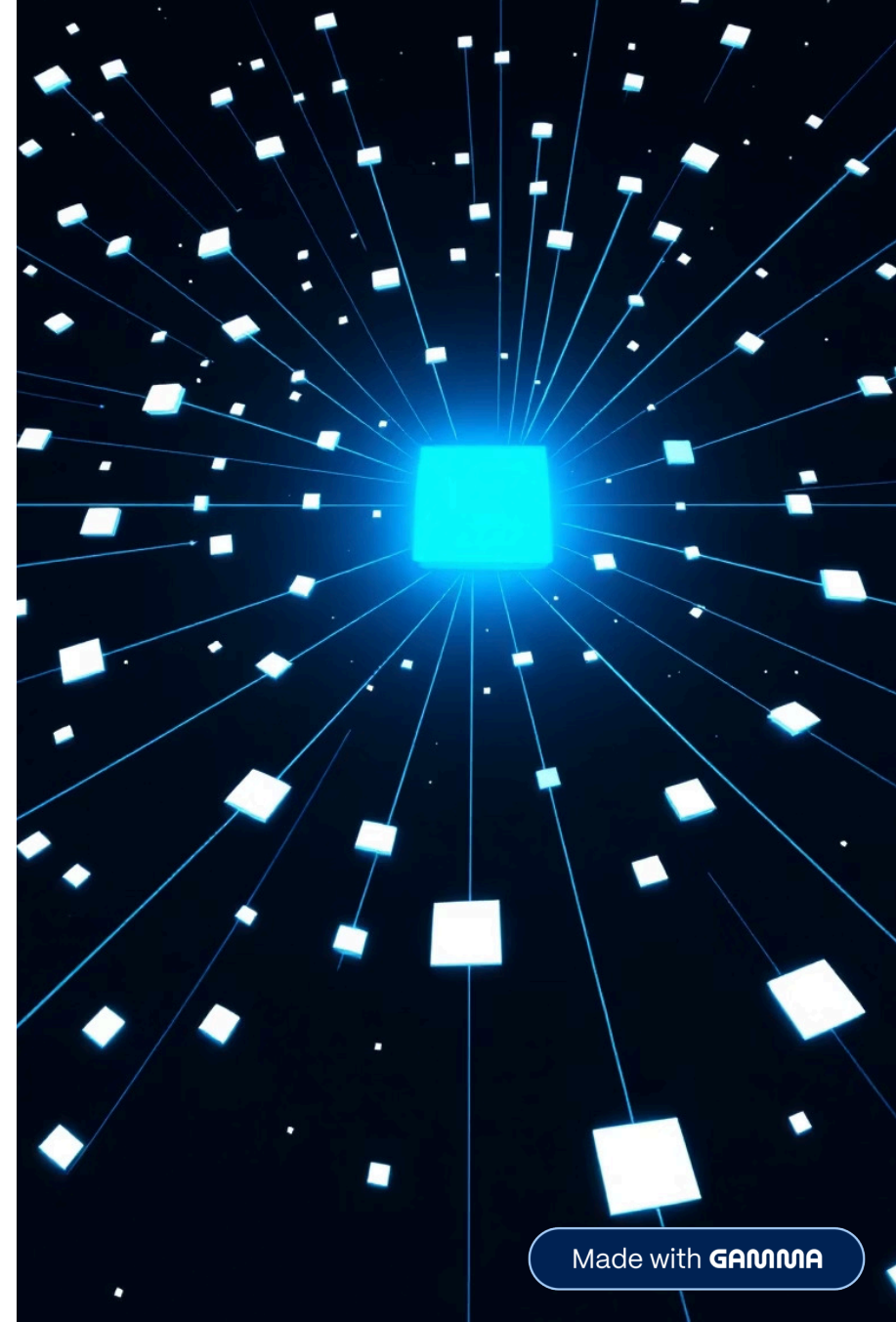
Brings many connectors online from day one, accelerating agent adoption

## **Reduces Integration Cost**

Automated generation increases reliability with typed schemas and validation

## **Opens New Domains**

Industry 4.0 and legacy systems via browser and device adapters



# Event-Driven Future: AsyncAPI

## Next Frontier

Event-driven interoperability using AsyncAPI for real-time, streaming workflows.

**Vision:** Ask in Le Chat, receive results asynchronously via notifications.

- ❗ Requires evolving MCP from turn-based to support async events





# Pattern in Action: Akinator + Mistral

01

## Expert System Guidance

Akinator guides user to provide relevant information through structured questions

02

## Signal Synthesis

Mistral Le Chat synthesizes collected signals and applies reasoning

03

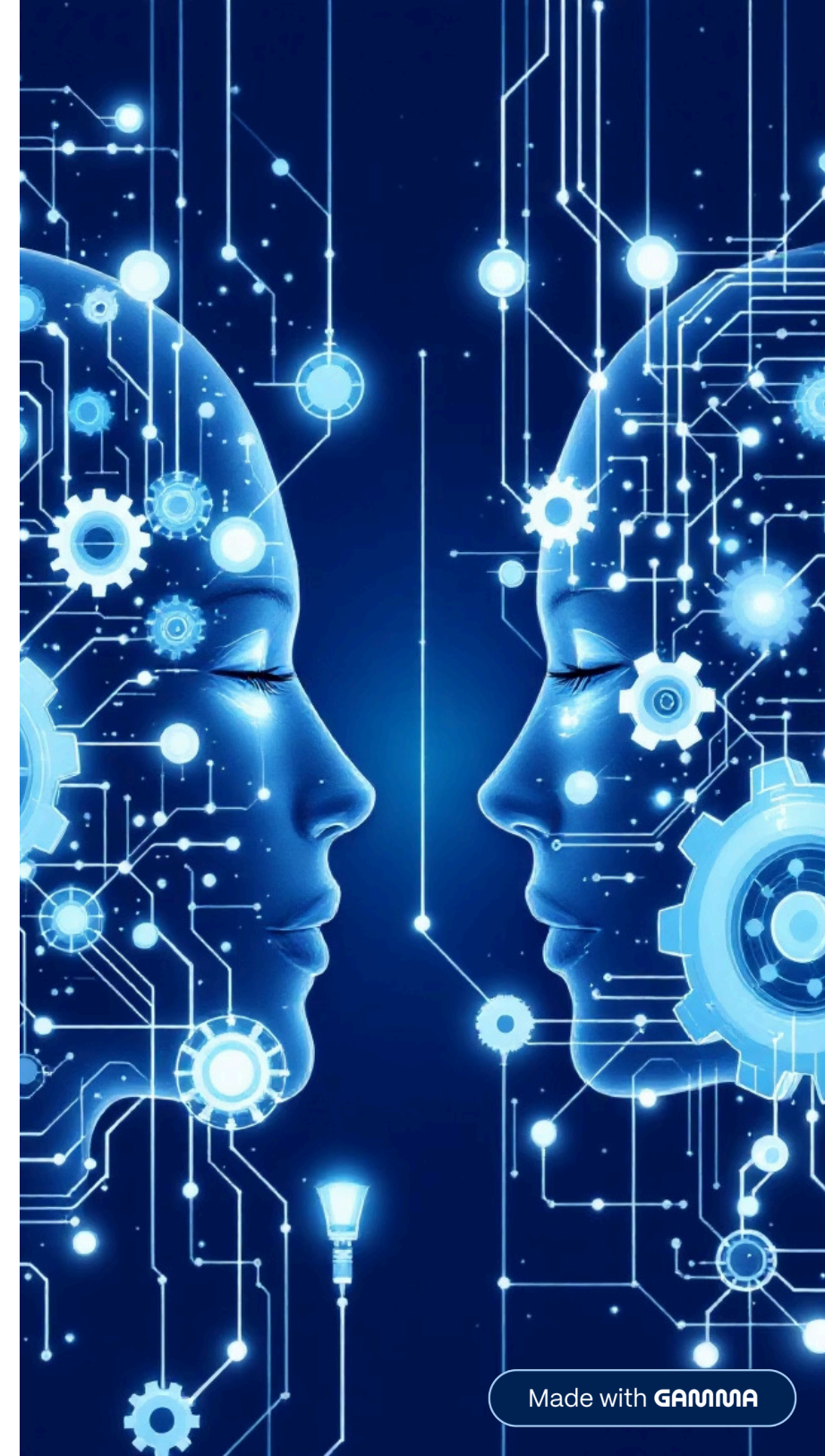
## MCP Orchestration

Structured calls → results → conversational guidance

04

## Cooperative Intelligence

Classical AI + generative AI deliver reliable, human-friendly experience



# Ready for Action

## Demo Live

Test the complete  
flow in Le Chat right  
now

## Seeking Partners

Mentors for MCP  
async evolution and  
IIoT pilots

## Ask Us

Feedback, sponsor  
intros, continued Alpic  
access

# From cold start to universal connectivity

