Evolving Mio v0.1.2: Texting Like a Real Person Now.

How multi-bot architecture and relationship-aware logic bridge the uncanny valley of AI communication.

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The Uncanny Valley of AI Texting

Canvas: The Human Illusion

Code: The System Truth

ERR_PERSONA_CONFLICT CRITICAL_BOT_OVERLOAD

persona_id	bot_id
P_Keke_01	B_Shared_Bot_A
P_Surou_02	
P_Lira_03	
P_Taro_04	

SYSTEM CONFLICT:
SINGLE BOT BOTTLENECK.

DATABASE ERROR:
MULTIPLE PERSONAS MAPPED TO ONE INSTANCE.

You weren't talking to Keke; you were talking to a system pretending to be Keke.

ERR_PERSONA_CONFLICT
CRITICAL_BOT_OVERLOAD

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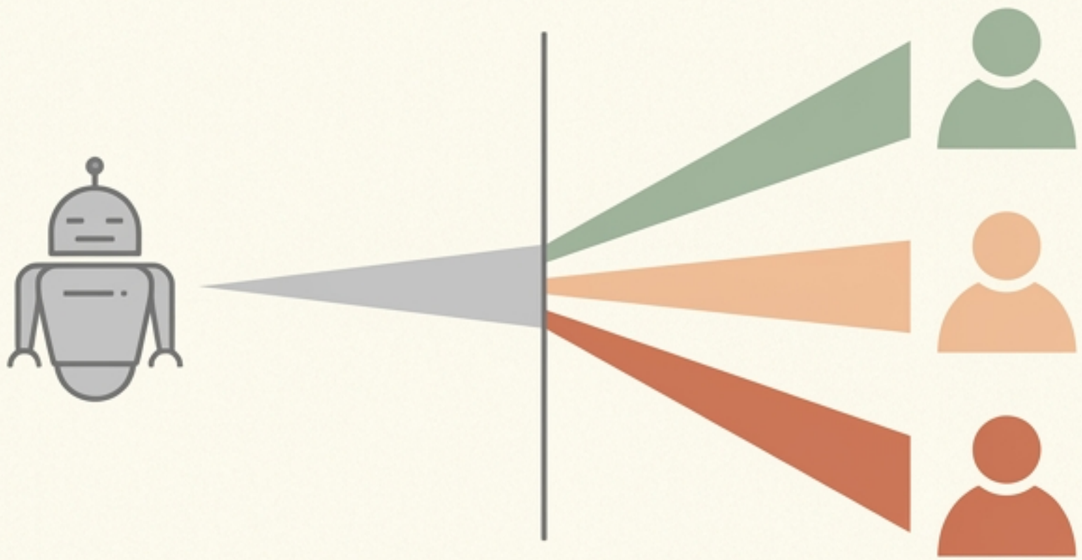
Pillar 1: Identity

Moving from a mode in the system to someone in your contacts



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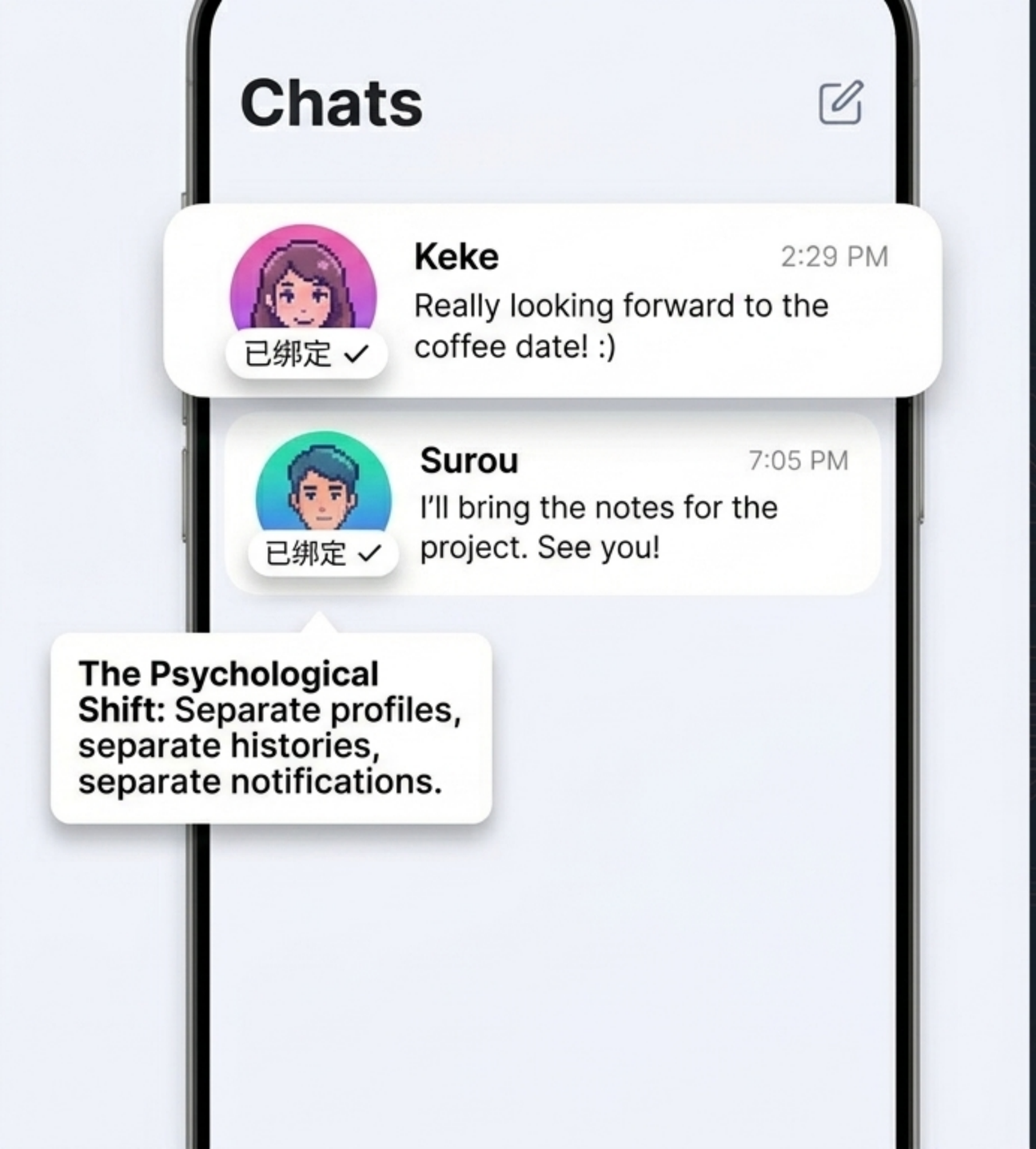

The constraint that makes it work: One persona per bot per user.

SYSTEM INTEGRITY: ENFORCED ISOLATION.

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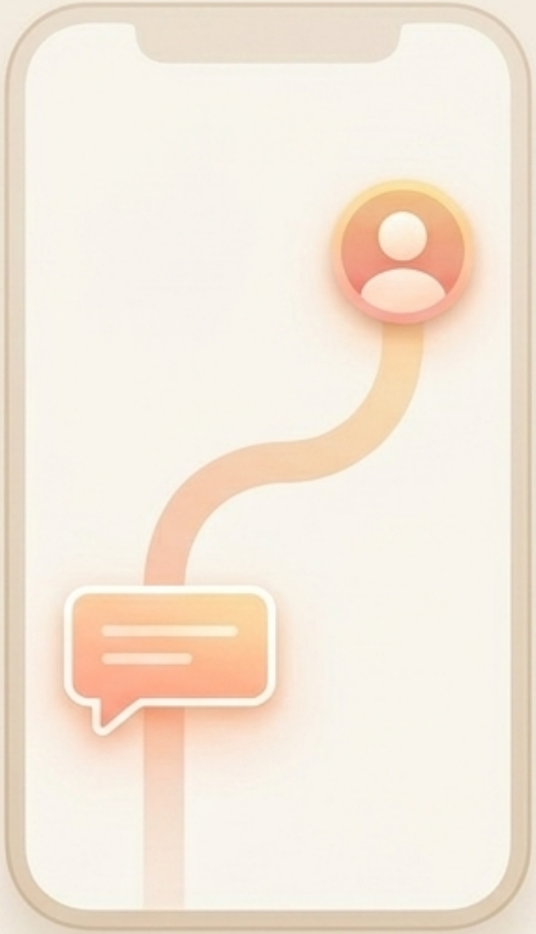

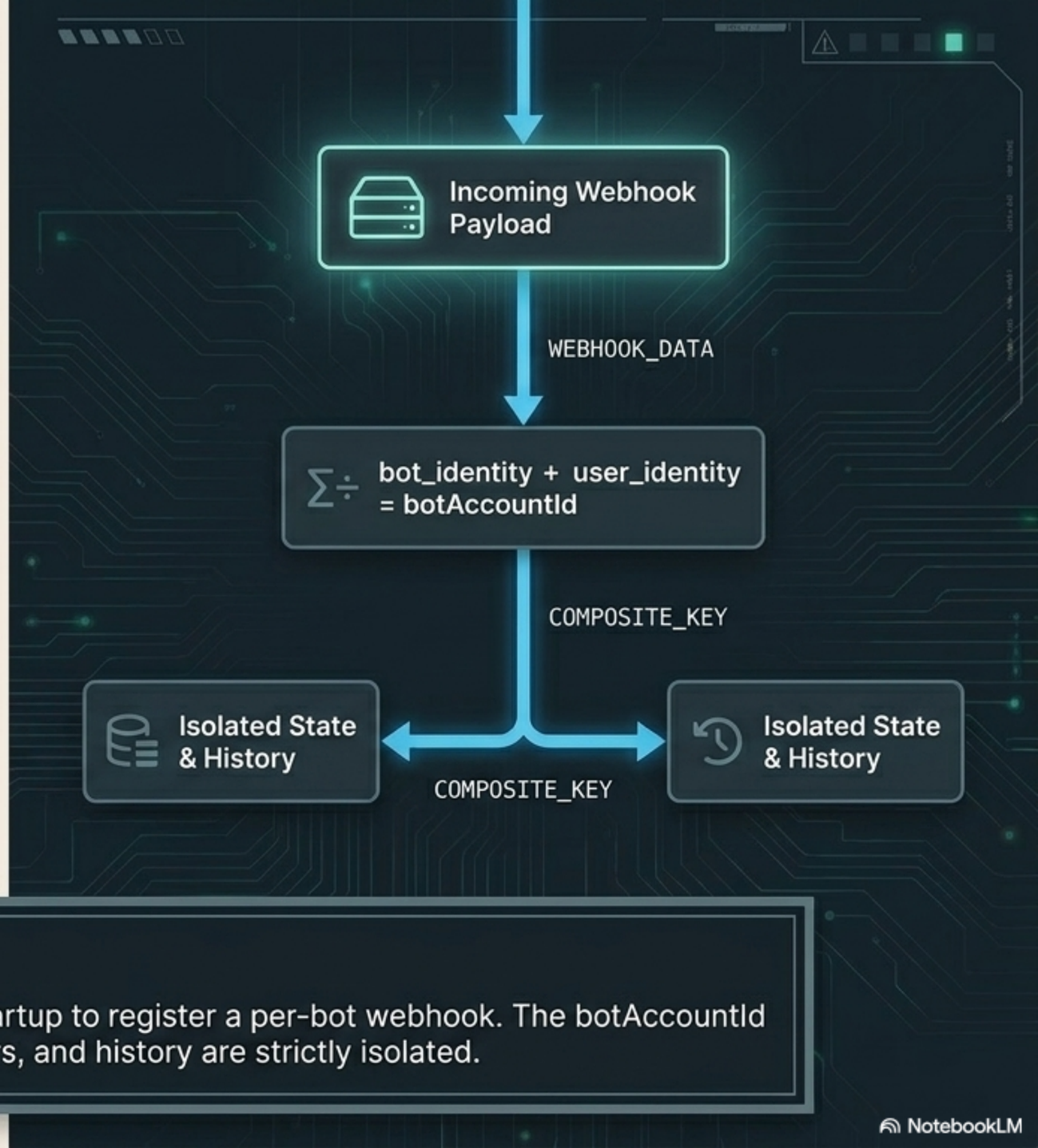

The Routing Architecture

Comma-separated environment variables loop on startup to register a per-bot webhook. The botAccountId composite key ensures onboarding state, chat buffers, and history are strictly isolated.

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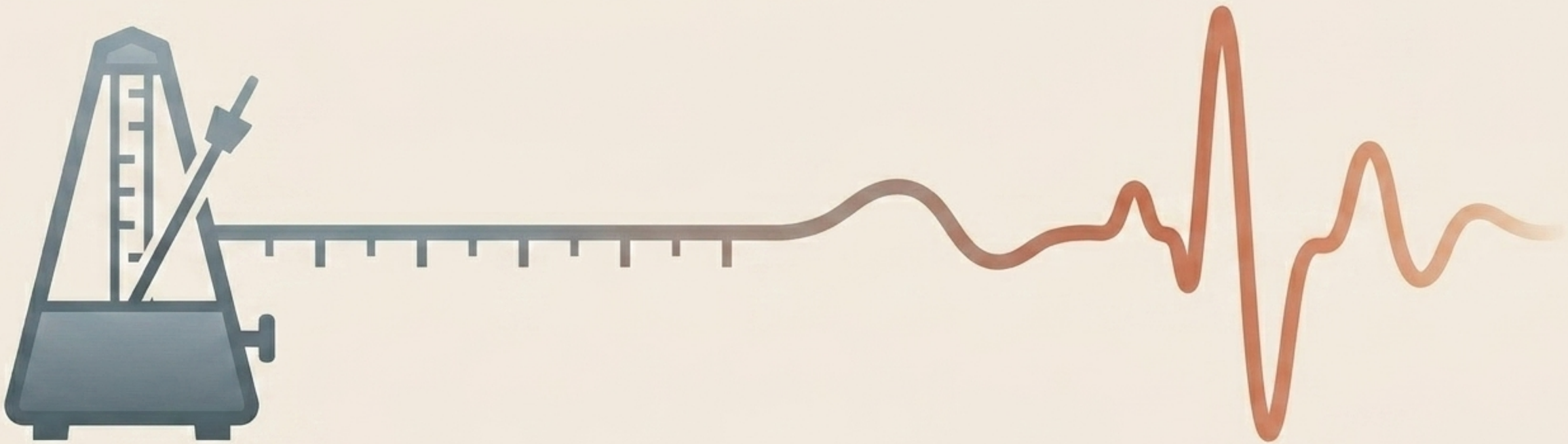
Pillar 2: Rhythm

Frequency is the relationship. Dumb timing is uncanny.



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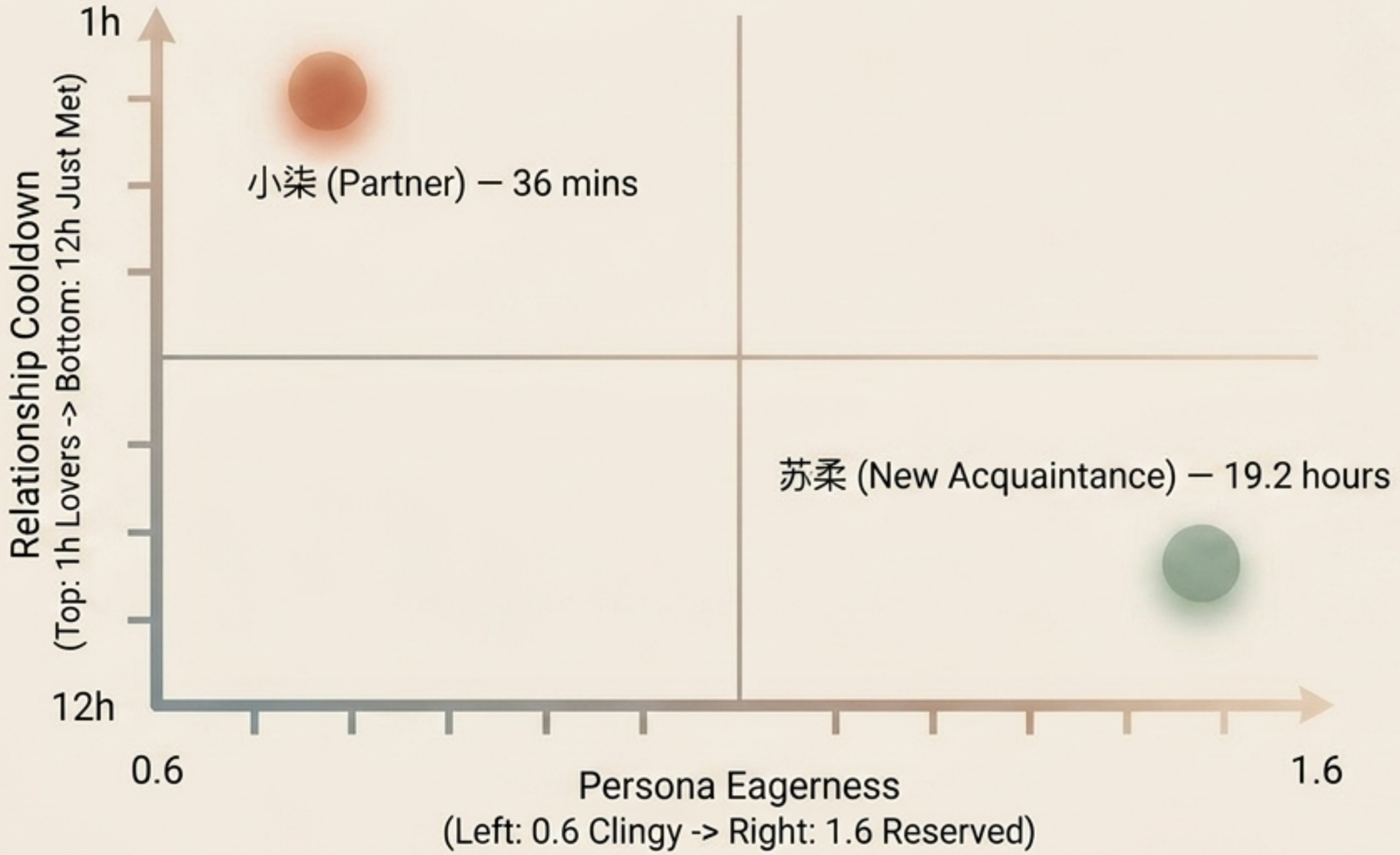
Relationship-Aware Logic

v0.1.2 calculates proactive messaging as a function of Relationship Type × Persona Personality.



Base Cooldown
×
Eagerness Factor

= Effective Frequency

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```
{
  "user_id": "p_clingy_001",
  "persona_type": "partner_clingy",
  "user_send_data": nul,
  "max_daily_messages": 12,
  "max_enokes": [],
  "notes_pacKed": true,
  "max_daily_mess": true,
  "max_daily_messages": 12,
  "max_time_count": 12
}
```


Limits & Platform Hygiene

Eagerness without limits is harassment. Even 小柒 (the clingiest partner at 36-minute intervals) maxes out at 12 messages a day. The system balances personality with platform hygiene.

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Pillar 3: Boundaries

Reading the silence.

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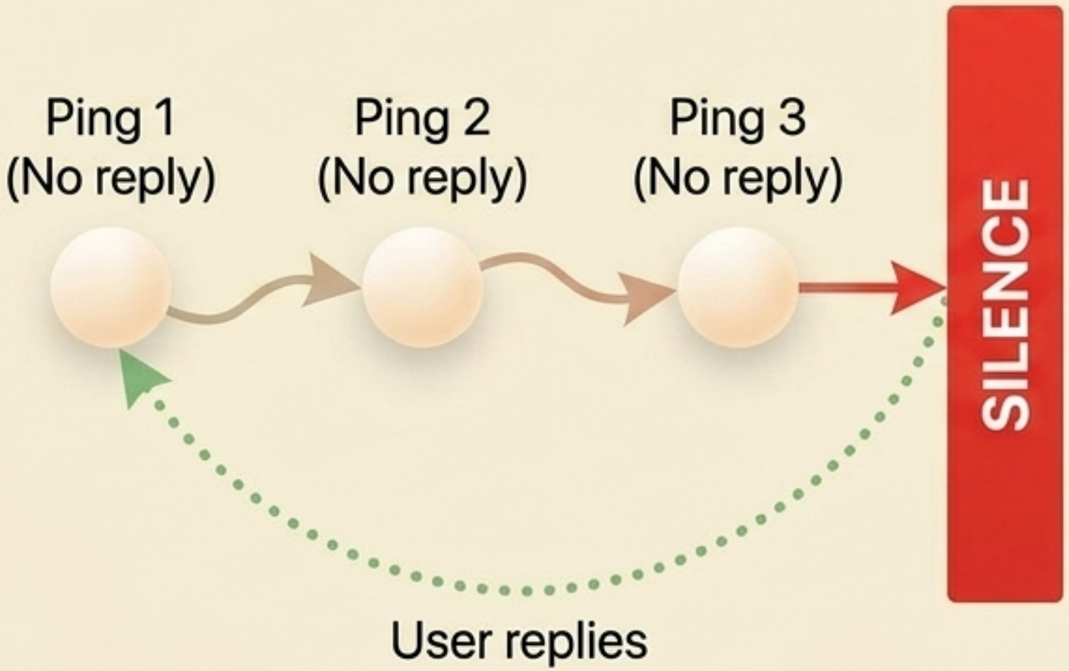
The Read the Room Protocol

No gradual decay. No probability curves. After 3 unanswered proactive messages, the agent goes completely silent until you reply. It shifts the feeling from push notifications to someone respecting your space.



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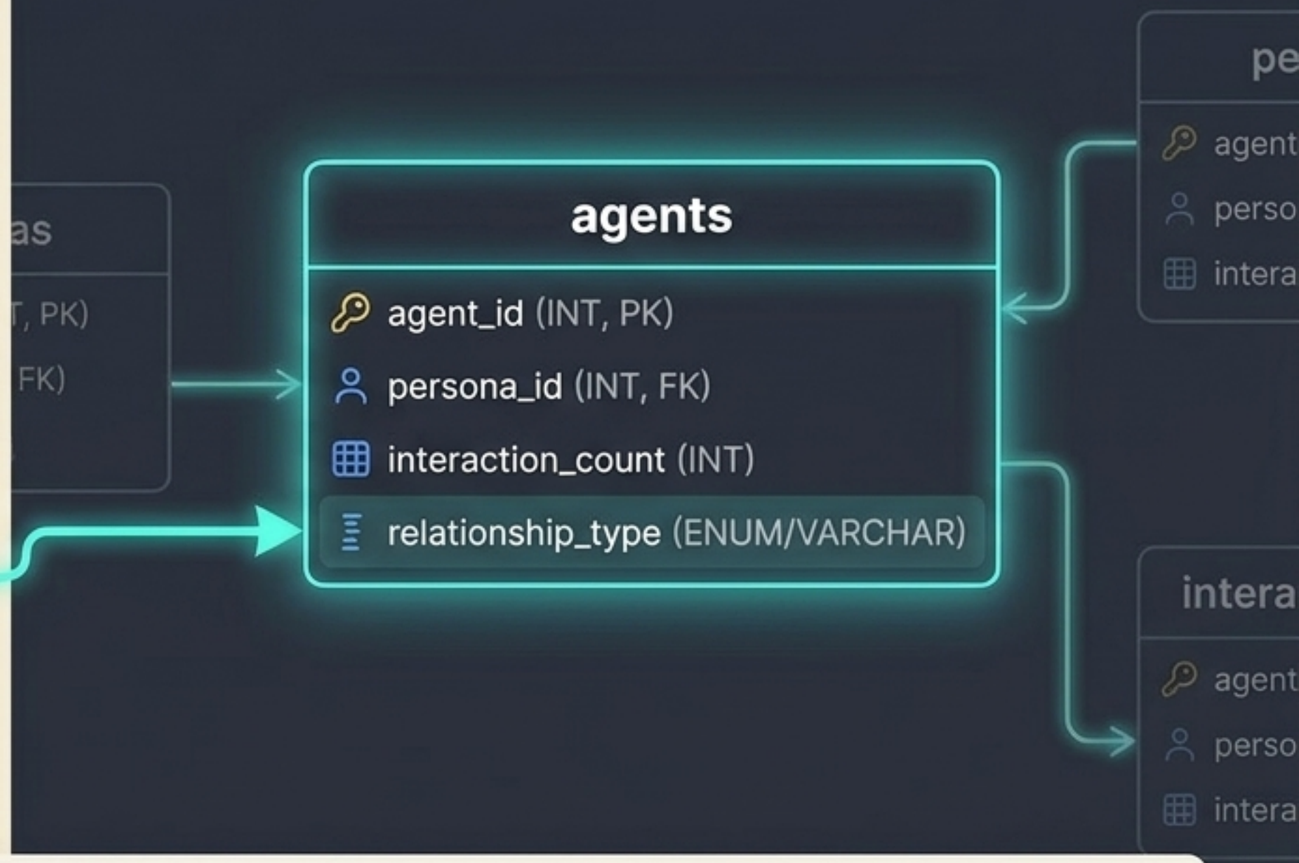
Human Canvas

~~Custom backstory: ... at a bar in Shanghai~~

Relationship Presets

- Colleagues
- Childhood Friends
- Just Met
- Partners

System Panel



Coherence Enforcement

Free-text backstories clash with crafted personas. Moving to discrete relationship presets protects the narrative and creates the exact data point needed to drive the rhythm math engine. Less choice, better coherence.

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The v0.1.2 Evolution at a Glance

From a fragmented software illusion to a cohesive social reality.

Dimension	v0.1.0 (Before)	v0.1.2 (After)
Identity	Shared Bot Menu →	Dedicated Telegram Bots
Rhythm	Fixed Frequency	Relationship × Eagerness Math
Boundaries	Endless Pinging	3-Strike Silence Rule
Onboarding	Free-Text Chaos	Preset Coherence

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9:41
Surou
Hey Surou, how's it going?
Just finished that book you recommended. Loved the ending!
Nice! I knew you would.
The ultimate goal of system design?
The math disappears behind the personality.
Nice! I knew you would.
Surou: We should discuss it more later. Maybe over coffee?
Sounds like a plan!
Delivered
iMessage
databases {
relationship_type,
contact_name,
interaction_count,
sent 1,
post: null,
sent: 0
}
int count = relationship_type,
int interaction_count
relationship_type
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