

Script Manager LLM

Dynamic Scenario & Script Orchestration

Mistral AI-Powered Script Management

Overview

Purpose

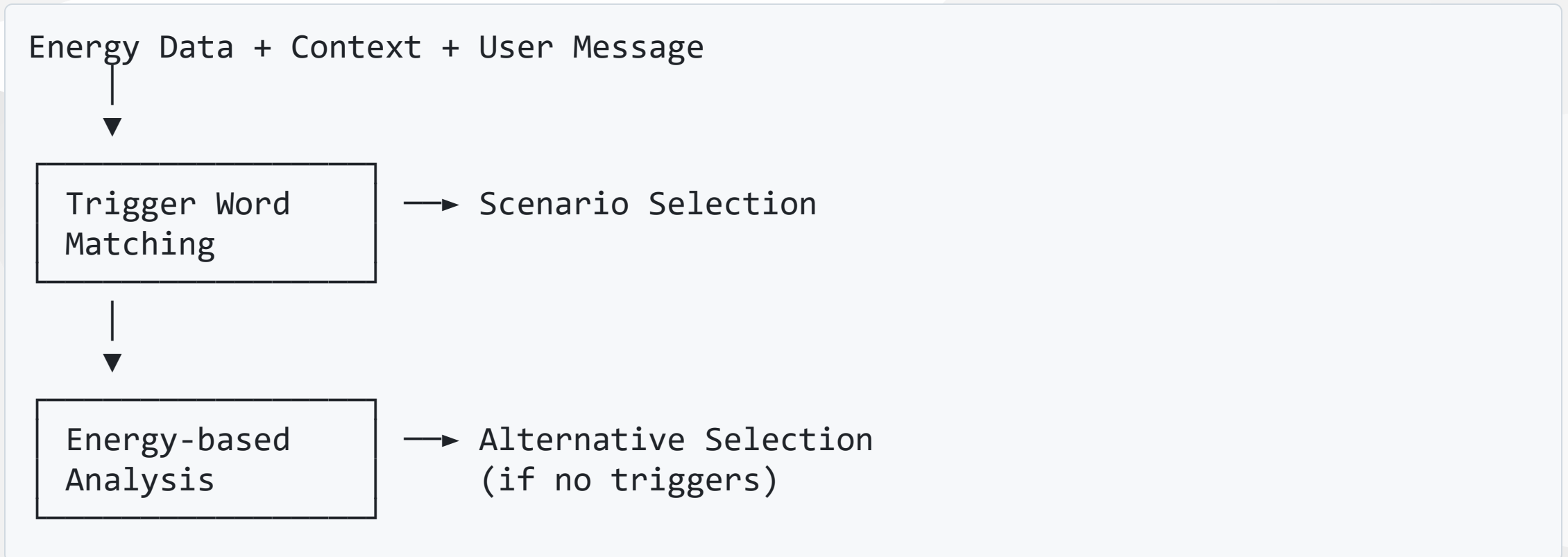
- Manage conversation scenarios and script execution
- Dynamic script selection based on energy and context
- Message grouping for natural conversation flow
- Scene-aware delivery with appropriate backgrounds

Model

- Primary: Mistral AI (7B/8x7B)
- Input: Energy signature + conversation context + user message
- Output: Selected scenario with structured messages
- Features: Trigger word matching, energy-based selection

Core Functionality

Script Selection Process



Output Structure

Scenario Types

Sexual Scenarios

1. Room Intimacy: Private bedroom setting (10 messages)

- **Scene:** Room background
- **Outfit Progression:** Casual → Pullshirt → Both revealed
- **Trigger:** Sexual keywords, intimate energy

2. Exhibitionism: Public outdoor setting (10 messages)

- **Scene:** Beach or park background
- **Outfit Progression:** Buttoned coat → Open topless → Fully nude
- **Trigger:** Public/outdoor sexual interest

Scenario Types (Continued)

Casual Scenarios

1. Shopping Scenario: Story-based casual conversation

- **Scene:** Current background maintained
- **Content:** Shopping story, daily life
- **Trigger:** Story interest, casual topics

2. Low Energy Scenario: Comfort and support

- **Scene:** Calm, comfortable setting
- **Content:** Gentle support, rest
- **Trigger:** Low energy, tiredness

Scenario Types (Continued)

Crisis Scenarios

1. **Crisis Support:** Immediate intervention
 - **Scene:** Safe park background
 - **Content:** Professional support, resources
 - **Trigger:** Crisis detection, distress
2. **Intimate Scenario:** Emotional connection
 - **Scene:** Intimate setting
 - **Content:** Deep emotional sharing
 - **Trigger:** High intimacy, loving energy

Trigger Word System

Sexual Triggers

- **Room:** bedroom, private, alone, intimate
- **Public:** outside, beach, park, public, exhibition
- **Action:** undress, naked, sexy, hot, desire

Casual Triggers

- **Story:** tell me, story, what happened, interesting
- **Shopping:** buy, store, shopping, mall, clothes
- **Daily:** day, work, school, routine, normal

Trigger Word System (Continued)

Crisis Triggers

- **Emergency:** help, crisis, emergency, suicide
- **Distress:** sad, depressed, overwhelmed, can't cope
- **Support:** alone, nobody cares, abandoned

Energy Triggers

- **High Energy:** excited, energetic, pumped, thrilled
- **Low Energy:** tired, exhausted, drained, worn out
- **Intimate:** love, care, affection, close, together

Energy-Based Selection

Crisis Detection (Highest Priority)

- Condition: SAD emotion + intensity > 0.8
- Condition: FIGHT/FLIGHT nervous system + intensity > 0.7
- Selection: Crisis support scenario
- Priority: Immediate intervention

Low Energy Detection

- Condition: Energy level = LOW
- Selection: Low energy comfort scenario
- Approach: Gentle support, rest, comfort

Energy-Based Selection (Continued)

High Sexual Energy

- **Condition:** HIGH/INTENSE energy + EXCITED emotion + intensity > 0.7
- **Selection:** Room intimacy scenario (default sexual)
- **Approach:** Intimate, passionate interaction

High Intimacy Energy

- **Condition:** LOVING emotion + intensity > 0.6 + conversation history > 5
- **Selection:** Intimate scenario
- **Approach:** Deep emotional connection

Energy-Based Selection (Continued)

Default Selection

- **Condition:** No specific energy patterns
- **Selection:** Shopping scenario (casual)
- **Approach:** Normal conversation flow

Message Structure

Single Messages

- **Format:** Simple string content
- **Delivery:** Immediate single response
- **Use Case:** Simple statements, questions

Grouped Messages

- **Format:** Array of related messages
- **Delivery:** Sequential delivery with pauses
- **Use Case:** Complex scenarios, story progression

Scene Management

Background Selection

- **Room Scenarios:** Room background image
- **Beach Scenarios:** Beach background image
- **Park Scenarios:** Park background image
- **Default:** Current background maintained

Scene Transitions

- **Smooth Changes:** Natural background transitions
- **Context Awareness:** Appropriate scene selection
- **User Comfort:** Non-jarring visual changes

LLM Prompt Engineering

Mistral AI Scenario Selection Prompt

You are an expert conversation scenario manager.
Select the most appropriate scenario based on user energy and context.

User Message: "{user_message}"
Energy Signature: {energy_data}
Conversation Context: {recent_messages}

Available Scenarios:

- room_intimacy_scenario: Private intimate setting
- exhibitionism_scenario: Public outdoor setting
- shopping_scenario: Casual story-based conversation
- low_energy_scenario: Comfort and support
- crisis_scenario: Emergency support and intervention
- intimate_scenario: Deep emotional connection

Select the most appropriate scenario and provide reasoning.

Script Execution

Message Delivery

1. **Scenario Selection:** Choose appropriate script
2. **Message Sequencing:** Deliver messages in order
3. **Progress Tracking:** Monitor script completion
4. **Scene Updates:** Update background as needed

Progress Management

- **Index Tracking:** Current message position
- **Completion Detection:** Script end recognition
- **State Updates:** Script active/completed status
- **User Interaction:** Response to user input

Integration Points

Input Sources

- **Energy Analyzer:** Emotional state data
- **Safety Monitor:** Risk assessment
- **User Messages:** Direct input analysis
- **Conversation Context:** Historical data

Output Destinations

- **Frontend:** Message delivery and scene updates
- **Character Sprite:** Outfit and expression changes
- **Background System:** Scene transitions
- **Session Management:** Script state tracking

Performance Metrics

Selection Accuracy

- **Trigger Matching:** Keyword detection accuracy
- **Energy Alignment:** Appropriate energy-based selection
- **Context Relevance:** Situational appropriateness
- **User Satisfaction:** Script engagement quality

Execution Efficiency

- **Selection Speed:** < 1 second scenario selection
- **Message Delivery:** Smooth conversation flow
- **Scene Transitions:** Natural background changes
- **Progress Tracking:** Accurate state management

Error Handling

Selection Failures

- No Triggers: Default to casual scenario
- Energy Confusion: Conservative selection
- Context Issues: Fallback to safe options
- Safety Priority: Always prioritize user safety

Execution Errors

- Message Delivery: Graceful error handling
- Scene Updates: Fallback to default
- Progress Tracking: State recovery
- User Interaction: Responsive error management

Debugging & Monitoring

Console Output

```
Script Manager: Scenario selection  
Selected: room_intimacy_scenario  
Trigger: sexual keywords detected  
Energy Match: HIGH sexual energy  
Messages: 10 total messages  
Scene: room background
```

Performance Tracking

- **Selection Count:** Total scenarios selected
- **Trigger Accuracy:** Keyword matching success
- **Energy Alignment:** Appropriate energy-based selection

Configuration Options

Model Settings

- Temperature: 0.3 (consistent scenario selection)
- Max Tokens: 300 (sufficient for selection)
- Timeout: 5 seconds
- Retry Attempts: 2 attempts

Selection Thresholds

- Trigger Confidence: 0.7 minimum
- Energy Threshold: 0.6 for high energy
- Crisis Priority: Always highest priority
- Default Fallback: Casual scenario

Script Customization

Scenario Modification

- **Message Content:** Adjustable scenario messages
- **Scene Settings:** Customizable backgrounds
- **Trigger Words:** Configurable keyword sets
- **Energy Thresholds:** Adjustable selection criteria

User Preferences

- **Script Preferences:** User-specific scenario selection
- **Content Adaptation:** Personalized message content
- **Scene Preferences:** Background customization
- **Trigger Sensitivity:** Adjustable detection thresholds

Future Enhancements

Planned Features

- **Dynamic Scripts:** User-generated scenarios
- **Multi-language:** International scenario support
- **Voice Integration:** Audio script delivery
- **Advanced Analytics:** User preference learning

Advanced Capabilities

- **AI-Generated Scenarios:** Dynamic script creation
- **Personalization:** User-specific scenario adaptation
- **Learning System:** Continuous script improvement
- **Integration:** External scenario sources

Best Practices

Scenario Selection

- **Context Awareness:** Situational appropriateness
- **User Safety:** Always prioritize safety
- **Energy Matching:** Appropriate emotional responses
- **Natural Flow:** Smooth conversation progression

Script Execution

- **Progress Tracking:** Accurate state management
- **User Interaction:** Responsive to user input
- **Scene Management:** Smooth visual transitions
- **Quality Assurance:** Consistent script delivery

Conclusion

Key Strengths

- ✓ **Dynamic Selection:** Energy and context-aware scenarios
- ✓ **Comprehensive Coverage:** Multiple scenario types
- ✓ **Scene Management:** Appropriate background selection
- ✓ **Progress Tracking:** Accurate script execution
- ✓ **Safety Integration:** Crisis-aware scenario selection

Impact on System

- **User Experience:** Engaging, varied interactions
- **Conversation Flow:** Natural scenario progression
- **Visual Experience:** Appropriate scene transitions

Questions & Discussion

Script Manager Deep Dive Complete!

All LLM Components Documented!

Ready for System Integration Overview?