```
Please use '!option handwritten true' to enable handwritten
```

Messaging Patterns in OllamaNet

AdminService

URL Subscriber

Applies retry policy

Retry Policy

Consumes messages | Processes message

Message Handler

Updates configuration

URL Configuration

InferenceService

Service Configuration

Provides URL

URL Publisher

Publishes to

ConversationService

URL Subscriber

Applies retry policy

Retry Policy

Consumes messages | Processes message

Message Handler

Updates configuration

URL Configuration

RabbitMQ Message Broker

inference.url.update

Dead Letter Queue

URL Update Topic Exchange

Routes by topic | Routes by topic

AdminService URL Queue

ConversationService URL Queue

Routes failed messages after retry exhaustion

Subscribes with:
- Durable queue
- Topic binding
- Auto acknowledgment

Implements:
- Exponential backoff
- Circuit breaker
- Error logging

Publishes URL when:
- Service starts
- URL changes
- Periodic heartbeat

Dead Letter Queue:
- Captures failed messages
- Enables manual inspection
- Allows reprocessing