



User

:RagOrchestrator (System)

User initiates the RAG pipeline

run("Question text")

1

Pipeline Initialization

Console: ">>> Pipeline Starting: Question..."

2

1. After Intent Detection

Console: [EVENT]: IntentDetected

3

2. After Query Generation

Console: [EVENT]: QueryGenerated

4

Console: -> Terms: [term1, term2...]

5

3. After Retrieval

Console: [EVENT]: Retrieved

6

Console: -> Found Hits: {count}

7

4. After Reranking

Console: [EVENT]: Reranked

8

5. After Answer Generation

Console: [EVENT]: Answered

9

Console: -> FINAL ANSWER: {Answer Text}

10

Console: -> CITATIONS: {Citations}

11

Return Value

return Answer Object

12



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