Workflows: What is an Agent?

Agent = Software with initiative

- Not just an LLM wrapper

- Agents take *tasks*, not just prompts

- They offload reasoning, decision-making and memory

- Built to observe, act, and interact with systems

- Can collaborate with other agents

Agent

Workflows What is an "Agentic System"?

Agentic System = A collaborative team of agents

- A team of agents, each with a clear task

- They coordinate using A2A (Agent-to-Agent) protocol

- Each agent describes what it can do using natural language "cards"

- The system acts as a collaborative mesh - not a monolith

Workflows: What is an Orchestrator Agent

The conductor of the agent mesh

- Interfaces with the human operator via natural language

- Delegates structured tasks to other agents

- Manages concurrent, multi-threaded tasks

- Tracks state, plans ahead, and reroutes around failure

- Collects feedback and acts on it:

  - returns outcomes to the user
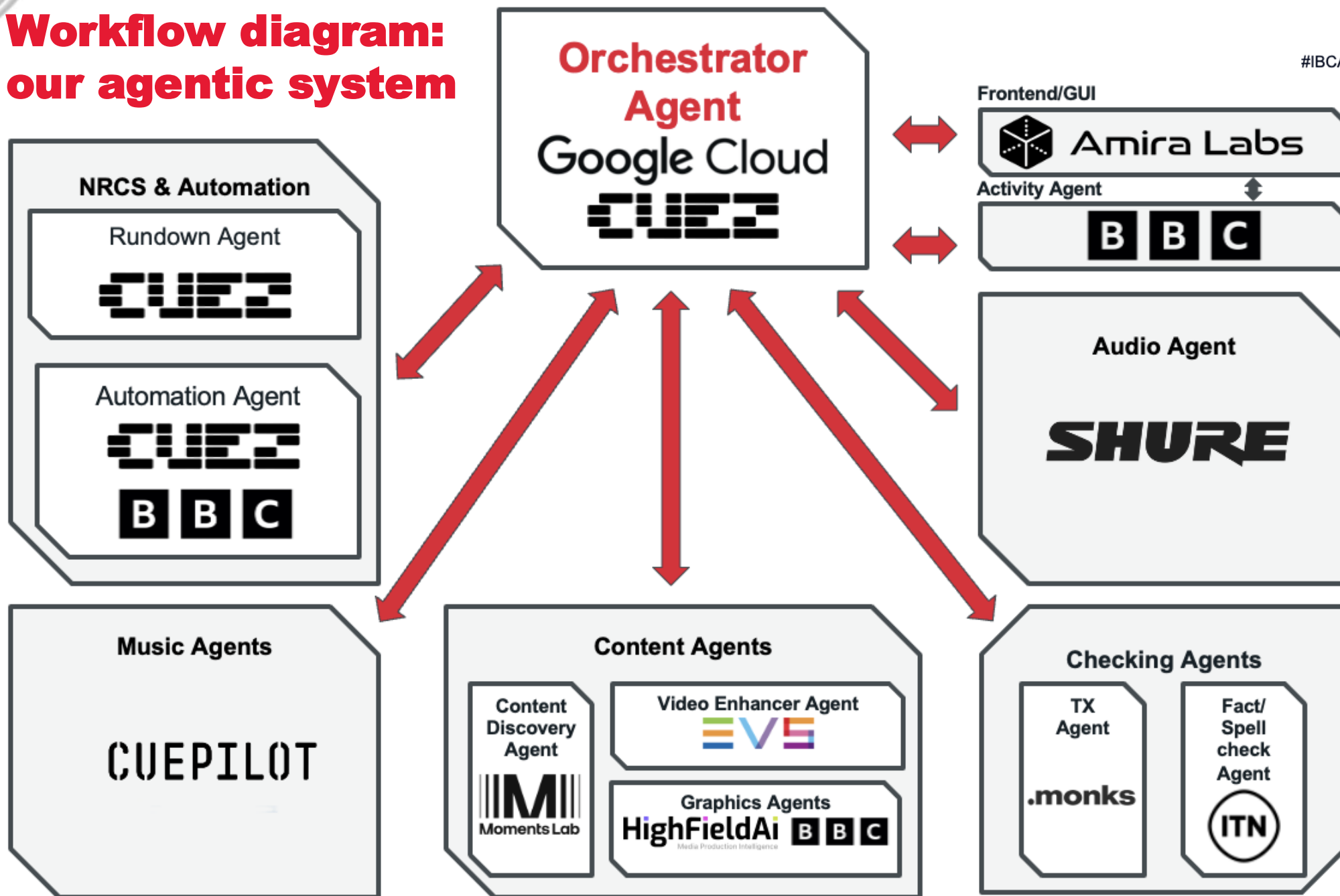
  - cascades updates to other agents

Google Cloud

Workflow diagram: our agentic system

Workflow 1: multi-agent workflow
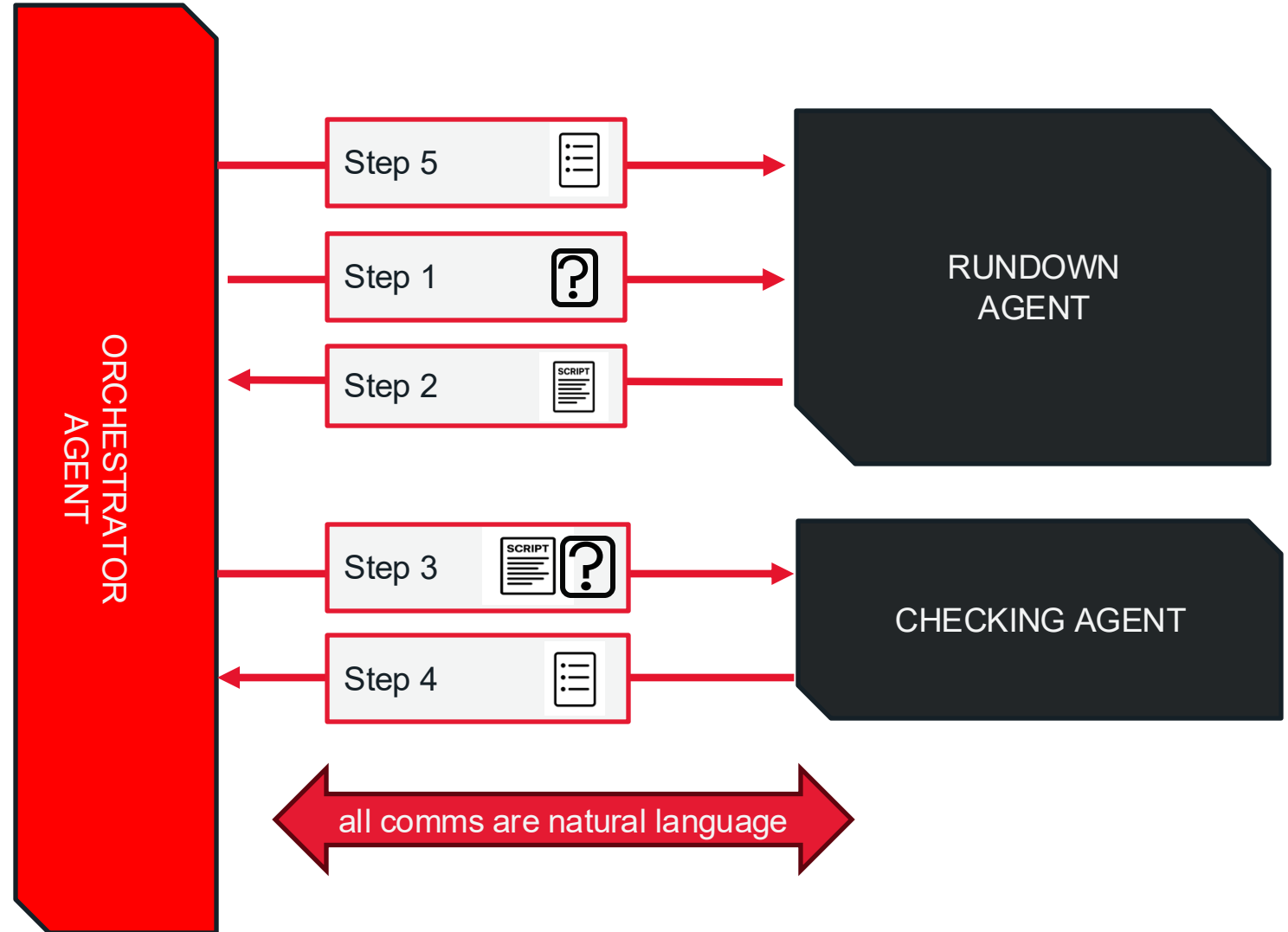AI co-ordinating and completing a complex task across multiple systems

CHECK ALL OF THE LOWER THIRD GRAPHICS BLOCKS IN THE RUNORDER FOR SPELLING MISTAKES **AND FIX THEM**

ORCHESTRATOR AGENT

Step 5

Step 1

Step 2

RUNDOWN AGENT

Step 3

Step 4

CHECKING AGENT

all comms are natural language

- **Step 1:** Orchestrator-Agent requests script from Rundown-Agent
- **Step 2:** Rundown-Agent returns script to Orchestrator-Agent
- **Step 3:** Orchestrator-Agent sends script to Checking-Agent with request to check spelling
  Step 4: Checking-Agent returns list of spelling errors to Orchestrator-Agent
- **Step 5:** Orchestrator-Agent issues spelling fixes to Rundown-Agent

Workflow 2: multi-vendor multi-agent workflow
With zero integration - just intelligent, natural language, agent-to-agent tasks

#IBCAccelerators2025

FIND A CLIP FROM THE ARCHIVE FOR ITEM 3, **MAKE IT 9x16** AND **PUBLISH IT** TO THE RUNORDER

- **Step 1:** Orchestrator-Agent requests script from Rundown-Agent
- **Step 2:** Rundown-Agent returns script to Orchestrator-Agent
- **Step 3:** Orchestrator-Agent sends script to Content-Discovery-Agent with request for clip
- **Step 4:** Content-Discovery-Agent returns clip to Orchestrator-Agent
- **Step 5:** Orchestrator-Agent sends clip to Video-Enhancer-Agent with request for reformatting
- **Step 6:** Video-Enhancer-Agent returns reformatted clip to Orchestrator-Agent
- **Step 7:** Orchestrator-Agent sends reformatted clip to Rundown-Agent

ORCHESTRATOR AGENT

Step 7
Step 1
Step 2
Step 3
Step 4
Step 5
Step 6

RUNDOWN AGENT

CONTENT DISCOVERY AGENT

VIDEO ENHANCER AGENT

all comms are natural language