

Execution Planning

Orchestrator System Prompt

Usage Instructions:

- Time-range Parsing
- Channel Finding
- Archiver Retrieval
- Data Analysis

Few-shot Examples:

- Time-range Parsing
- Channel Finding
- **Archiver Retrieval**
- Data Analysis

Agent Execution

Execution Plan:

Step 1: *time_range_parsing*- Objective: "[...] last 24h [...]"

- Output: TimeRange

Step 2: **channel_finding**

- Objective: "[...] beam current [...]"
- Output: PVAddresses

Step 3: archiver_retrieval

- Input: [PVAddresses, TimeRange]
- Output: ArchiverData

Step 4: data_analysis

- Objective: "[...] calculate [...]"
- Input: [ArchiverData]
- Output: AnalysisResults

Agent Context:

- TimeRange
- ChannelAddress
- ArchiverData
- AnalysisResults

Artifacts

- Time Series Data
- Jupyter Notebooks
- Generated Figures
- Agent State