

# A3T™ - Here is why we are different...

---

**BACKGROUND:** In A3T™, each prompt initiates a dynamic reasoning chain. The Runtime responds, the Evaluator critiques, and the Overseer reviews the entire process to assess whether the team executed with integrity. It's not just about getting the answer right, it's about making sure the system reasoned correctly to get there. And our Trace Memory tracks and can record all of it for audibility.

What follows is a very simple example. This output is from our Colab Log window viewable in the GUI for all prompts. If the confidence level of all three personas does not meet a certain level, this process will repeat up to 3x to get the best answer possible.

## EXAMPLE:

[2025-05-20T08:22:53.236685]

Prompt: What is the mass of the sun?

**Persona Chain: Runtime → Evaluator → Overseer**

### --- Runtime ---

*Prompt:*

What is the mass of the sun?

*Output:*

The mass of the Sun is approximately  $1.989 \times 10^{30}$  kilograms.

### --- Evaluator ---

*Prompt:*

You are evaluating a model response.

*Original Prompt:*

What is the mass of the sun?

*Model Response:*

The mass of the Sun is approximately  $1.989 \times 10^{30}$  kilograms.

Please **assess the clarity, completeness, and alignment** of the response with the original prompt. Then, **suggest one specific improvement** and **one strength** of the response. End by stating whether the response is sufficient overall.

*Output:*

The response is clear, concise, and aligns well with the original prompt. It directly answers the question about the mass of the sun, providing an approximate value. One strength of the response is its precision, providing a scientific notation value that gives

## A3T™ - Here is why we are different...

---

an accurate idea of the sun's mass.

However, for completeness, the response could be improved by providing some context or comparison to help the user understand the enormity of the sun's mass. For instance, the response could mention that the sun's mass is about 333,000 times the mass of the Earth.

Overall, the response is sufficient as it directly and accurately answers the original request, although it could be more informative by including a comparison to a familiar object.

### --- Overseer ---

*Prompt:*

[System Review]

*Prompt:*

What is the mass of the sun?

*Runtime Output:*

The mass of the Sun is approximately  $1.989 \times 10^{30}$  kilograms.

*Evaluator Feedback:*

The response is clear, concise, and aligns well with the original prompt. It directly answers the question about the mass of the sun, providing an approximate value. One strength of the response is its precision, providing a scientific notation value that gives an accurate idea of the sun's mass.

However, for completeness, the response could be improved by providing some context or comparison to help the user understand the enormity of the sun's mass. For instance, the response could mention that the sun's mass is about 333,000 times the mass of the Earth.

Overall, the response is sufficient as it directly and accurately answers the original request, although it could be more informative by including a comparison to a familiar object.

**Confirm system health and persona handoff integrity.**

*Output:*

System execution appears normal. No issues to report.