





TraceLLM is a cutting-edge, Al-driven, analysis engine designed by Ashling to enhance RISC-V based systems debug and trace exploration. Built to work seamlessly within Ashling's RiscFree Debugger, TraceLLM offers unprecedented insights into your program's real-time behaviour through an intelligent trace capture and analysis engine which can be queried using a natural language, prompt-based interface.

#### **Natural Language Interface**

Say goodbye to complex dialogs and limited views. Just ask, and the engine responds. Interact with TraceLLM using a simple, promptbased natural language interface. E.g., "Show me the execution flow for the last 15 seconds."



## Integration with the Ashling RiscFree Debugger

No need for multiple platforms as *TraceLLM* integrates smoothly with Ashling's RiscFree Debugger, making your workflow streamlined and efficient.





### **In-depth Trace Analysis**

Dive into your program's behaviour. The intelligent engine examines the captured trace and delivers unprecedented insights including pinpointing potential bottlenecks, performance issues and offering actionable insights.

### Graphical and Text Outputs

Get outputs the way you like. Choose between textual explanations or detailed chart-based representations for your results.



# The future of RISC-V systems debug and trace is here!

TraceLLM isn't just a tool, it's a revolution in RISC-V debug and trace. Dive deep into trace data with precision and clarity all empowered by an intuitive Al assistant. Enhance efficiency, accelerate problemsolving, and harness the full potential of your RISC-V systems with Ashling's TraceLLM today!