



GDB as a versatile server

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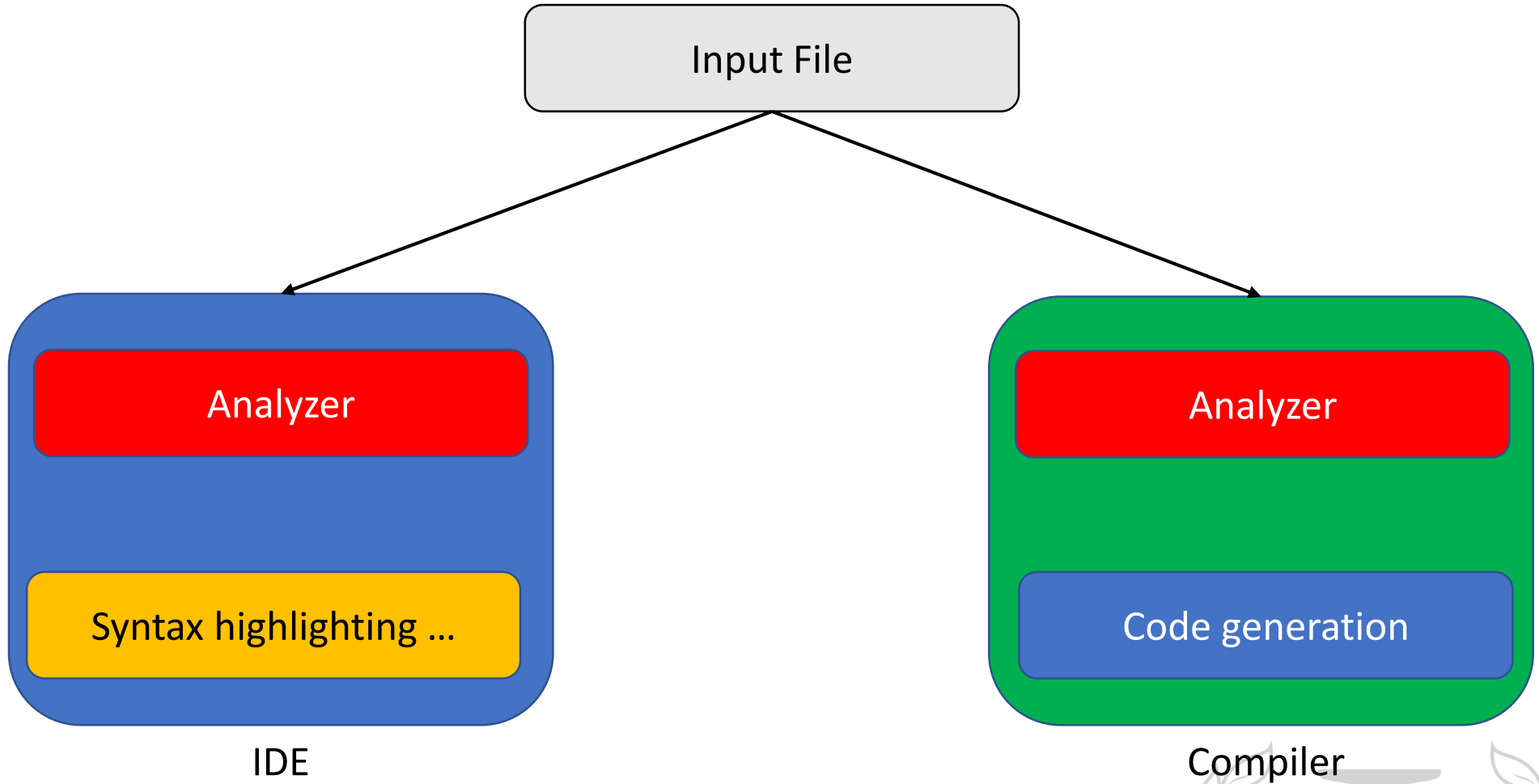
Agenda

- The Language Server Protocol
- Applying that philosophy to GDB

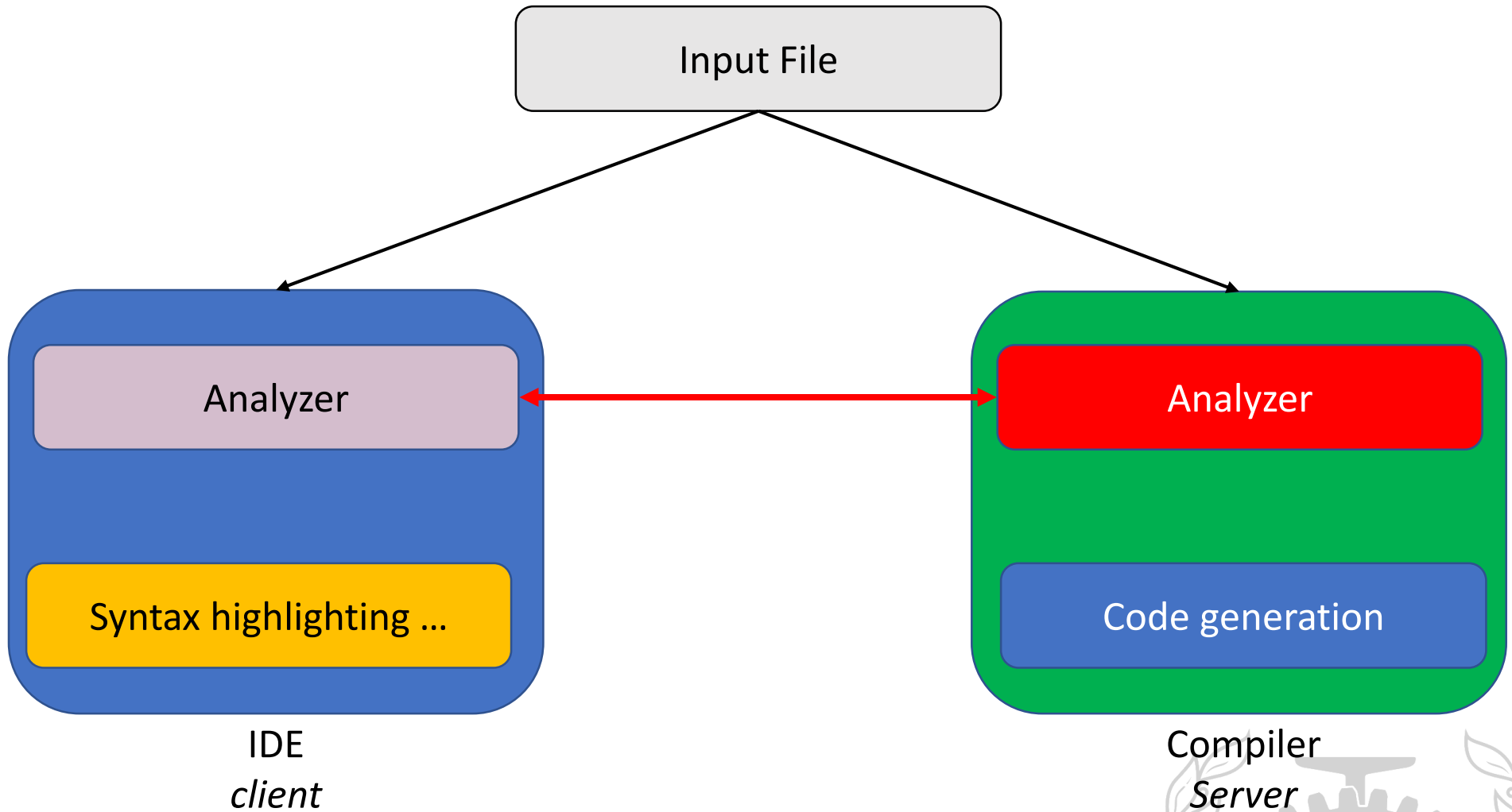


The Language Server Protocol

Classical development framework

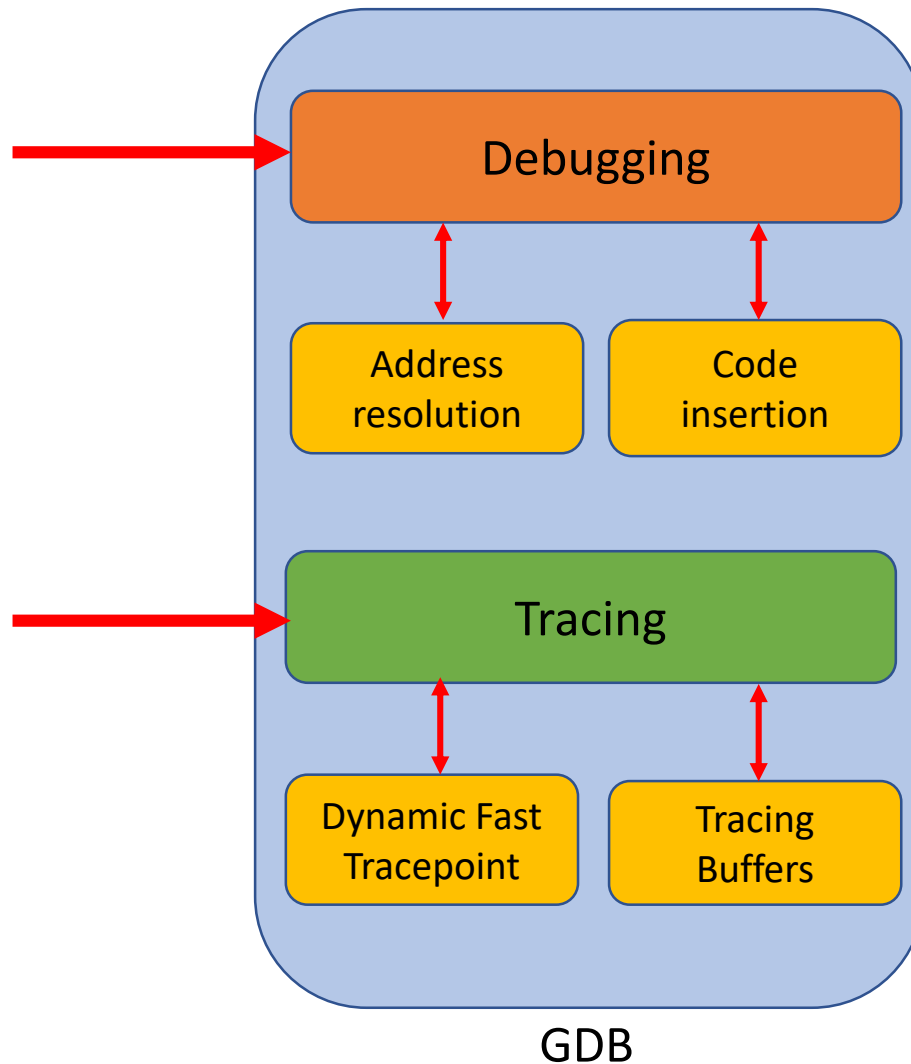


LSP Framework



Applying that philosophy to GDB

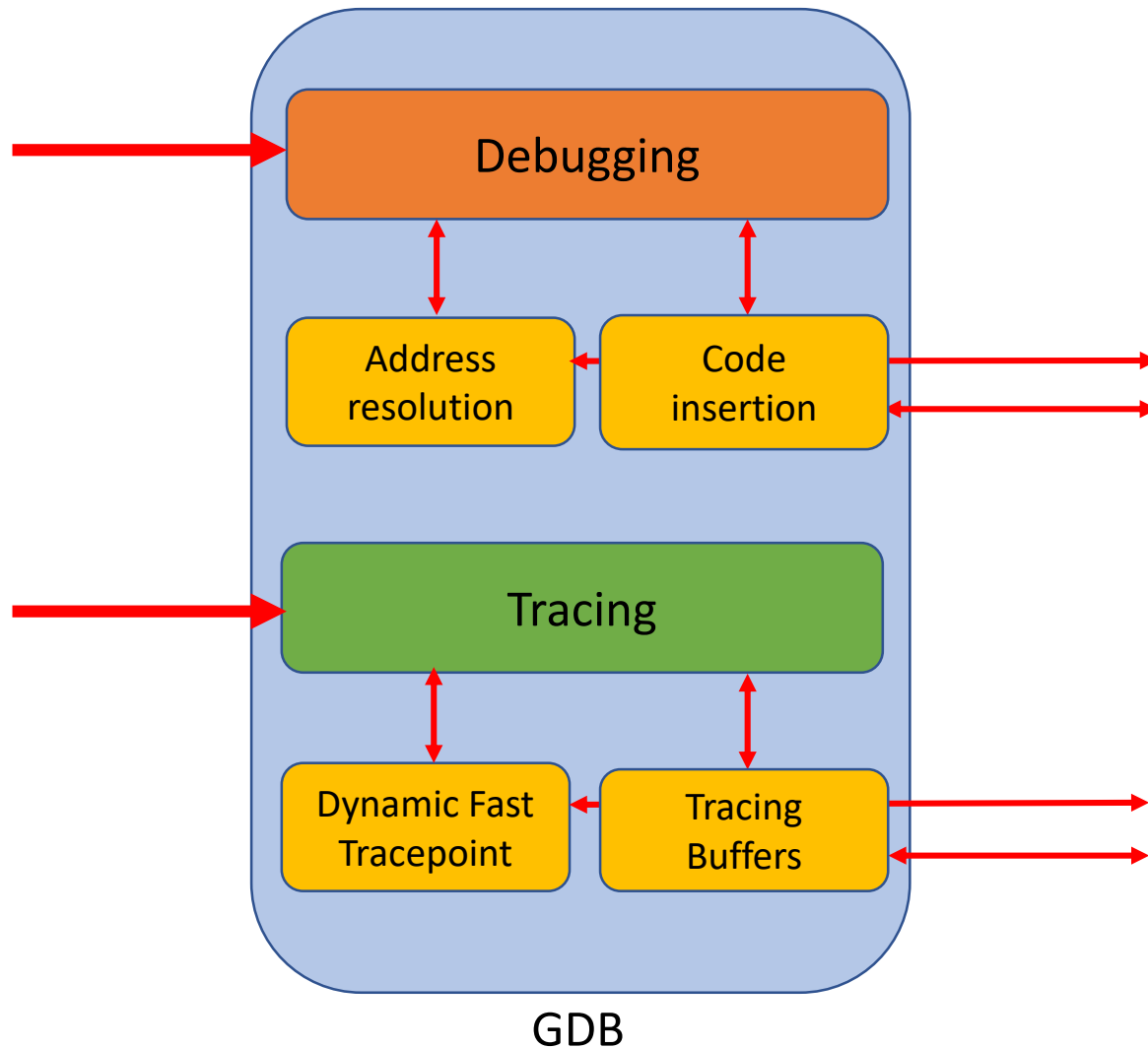
GDB



GDB has a large amount of functionalities, but most are only for internal use and are only designed to work in conjunction with each other.



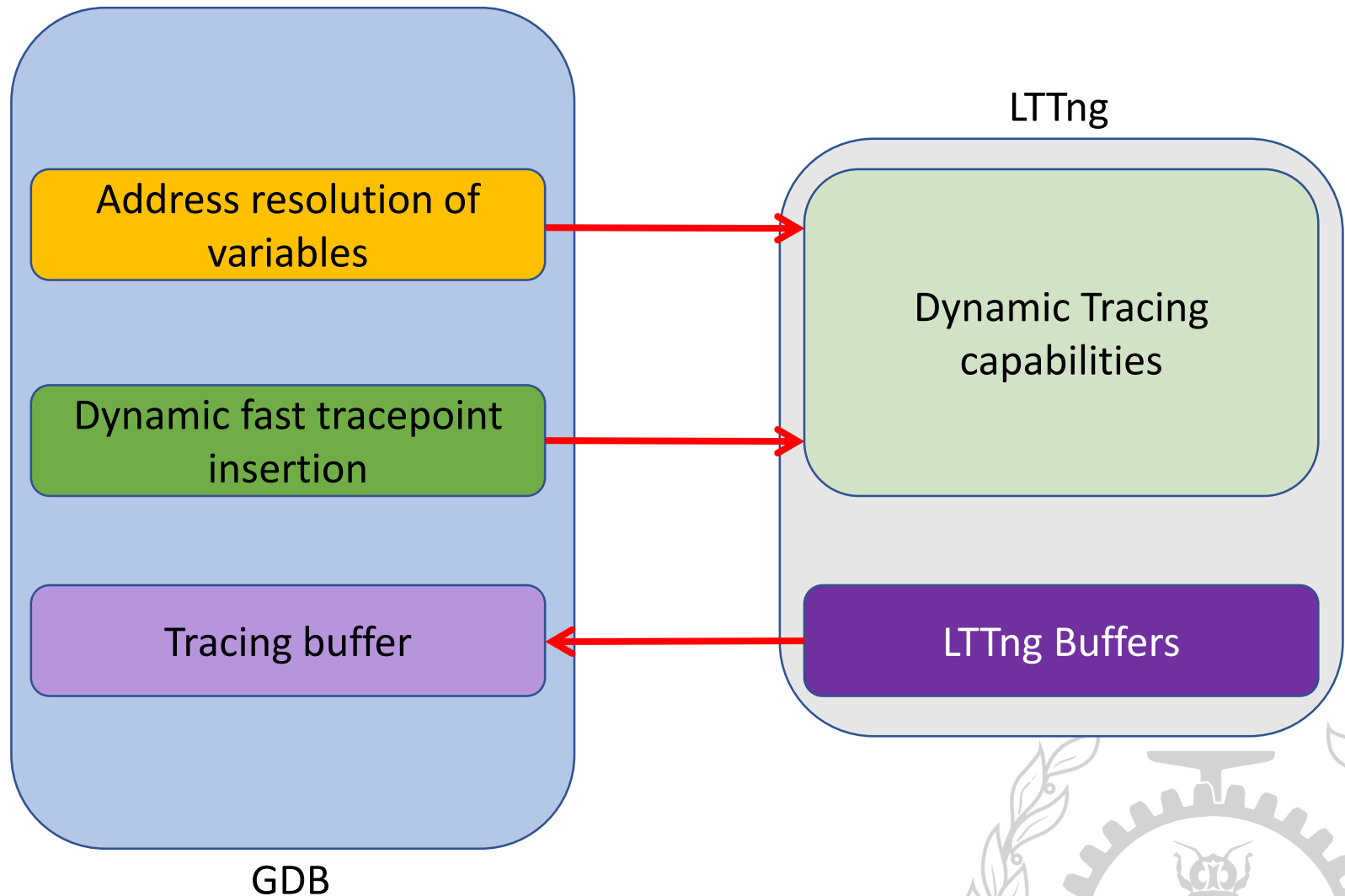
Interfacing GDB functionalities



By exporting those functionalities via a standardised interface, we allow other tools to benefit from them, and we allow gdb to use other tools in their place.



Example : Dynamic fast tracepoints with LTTng



Questions?

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