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Why do you want Cloudl?

- Cloud computing without virtualization to maximize resource utilization with dependable performance (Efficiency)
- Provide real-time fault-tolerance guarantees with a polygot service abstraction (Fault-tolerance)
- Private deployment with natural scalability, e.g., making unscalable source code scale (Scalability)

20k HTTP clients (10k req/sec peak)

- C/C++ 1/ 27/ 135
- Erlang 1/ 23/ 161
- Java 1/ 33/ 155
- PythonC 2 / 200 / 350
- Python 2 / 3200 / 3300
- Ruby 2 / 3500 / 3700



low/mean-max/max in milliseconds (during .5hr) single process, single thread (worst case code) 2.9 to 3.7 GB max on 64bit (local proto v1.2.2)



Erlang



Fault-tolerance

Scalability

- Erlang implements the Actor Model by providing concurrent Erlang processes and message passing
- The Erlang VM provides per-process garbage collection for real-time fault-tolerance!
- CloudI extends Erlang's Actor Model implementation to other programming languages, using a service abstraction (SOA, services that use the CloudI API)

Thanks :-)

version 1.3.0 release by October 21st More info at http://cloudi.org

Questions?