



Social Games

- Run in the browser
- Published on social networks
- Popularity measured in millions of daily users







Social Games

HTTP API

- @ 1 000 000 daily users
- 5000 HTTP reqs/sec
- more than 90% writes





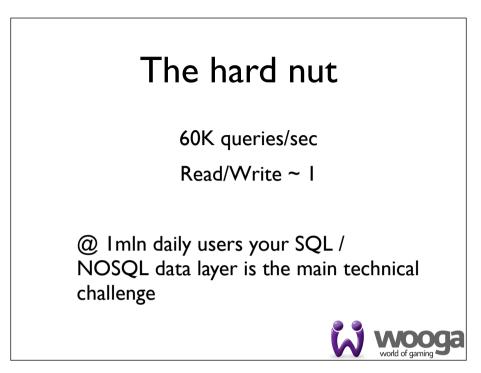
Social Games @wooga

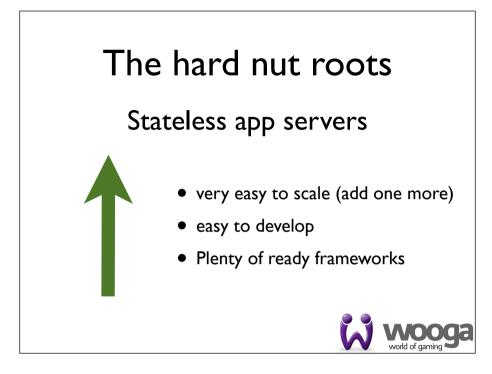
HTTP API

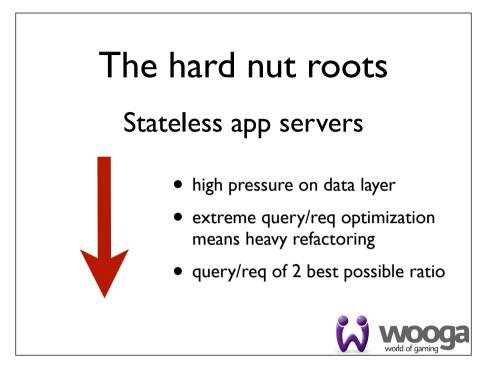
- up to 1 300 000 daily users on a single game
- team of 2 people
- develop from scratch
- AND do deployments + live operations
- Releasing on weekly schedule











"A gaming session is a stream of close requests altering repeatedly the same game state"



"What about application servers that understand and represent efficiently the concept of a gaming session?"



"Which language or framework for:"

- Long lived state
- Safe handling of a multitude of independent, different states
- All the above on a big cluster of machines





- gen_server, gen_fsm good approach to state handling
- Processes are very good at isolating failures
- clustering is a concept in the language itself



Pitching the idea

"This architecture let us leverage factors we can't currently leverage in order to solve the scaling challenge"

"By the way erlang seems to be a very good match for this architecture"

















We also got quite a few...

"I'm really experienced in _something else_ but I would like to learn and work with erlang"

From people that are *good* for real











gen_server, gen_tcp, gen_*

Very well documented and awesome by default





The rest of OTP was black magic and foggy until the book was published

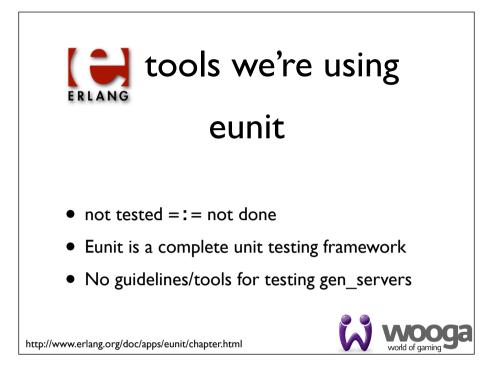
Still official howtos and complete docs would be nice to have













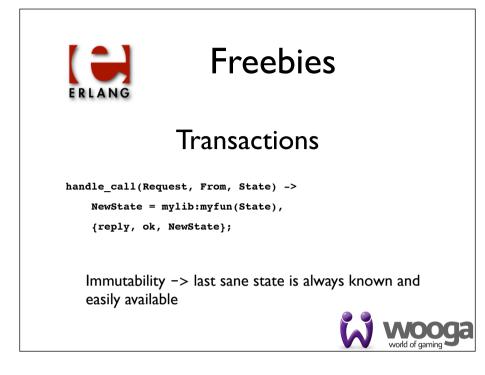


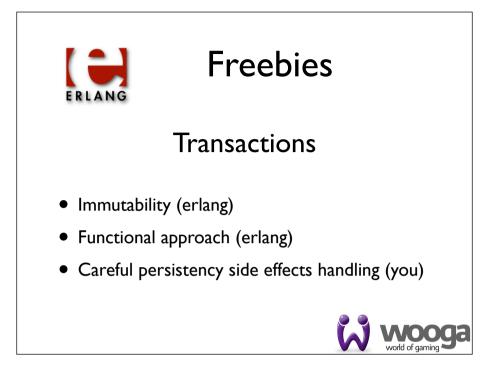


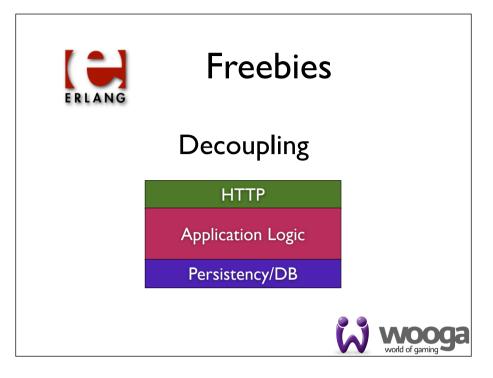


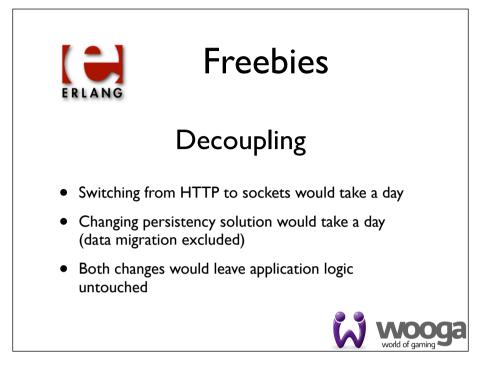




















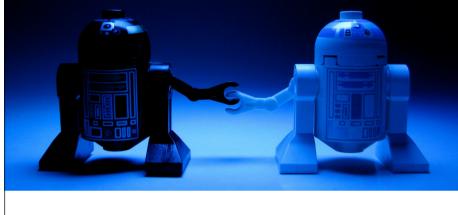






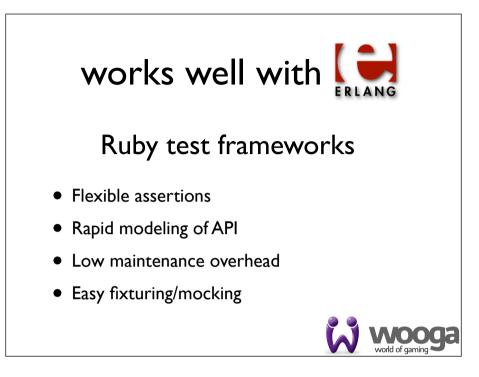


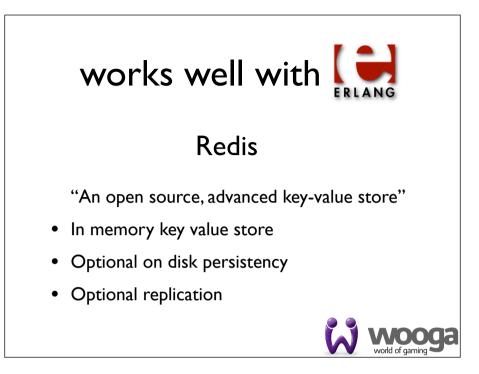
works well with erlang...

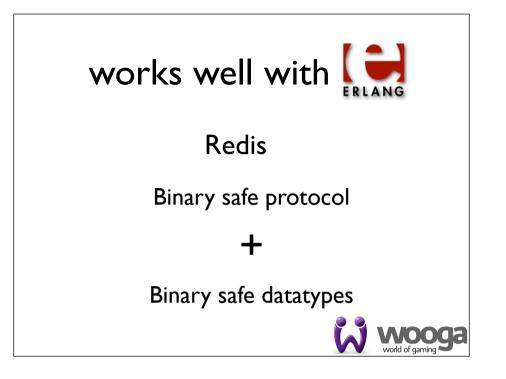


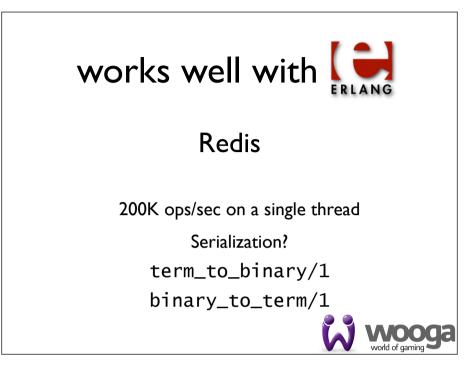
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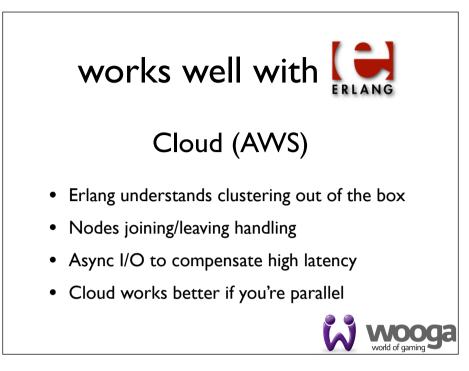


















we're missing

also... github is great but which one of 5 forks is the "authoritative" one?



we're missing

will agner A Giant Nebula of Erlang Repositories be the answer?

http://erlagner.org



we're missing

Live environment performance monitoring S.A.S.

ruby/java/php have http://newrelic.com erlang?





