The State of Hammer
Features

- All backends complete
  - Packrat, GLR, LALR, LL(k), regex
- New combinators!
  - h_endianness
  - h_aligned
  - h_put_value and h_get_value
  - h_permutation
  - h_bind (continuations!)
- Generating functions (enumerative combinatorics)

https://github.com/UpstandingHackers/hammer
Protocol implementations

- Network protocols
  - pcap
  - Ethernet/IP ...
- DNP3
  - If you must eat an elephant, make it a big one
  - Long-range data dependencies
- Tie knots!
  - Connecting formal grammars and algebraic topology

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Tutorials

- 13-part series
- https://github.com/sergeybratus/HammerPrimer

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Coming soon

- ALL* as default backend
- More bindings
  - Lua, Haskell, Rust
- Profiling/optimisation
- Testing framework for protocol grammars
- Attack surface quantification/exploration

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