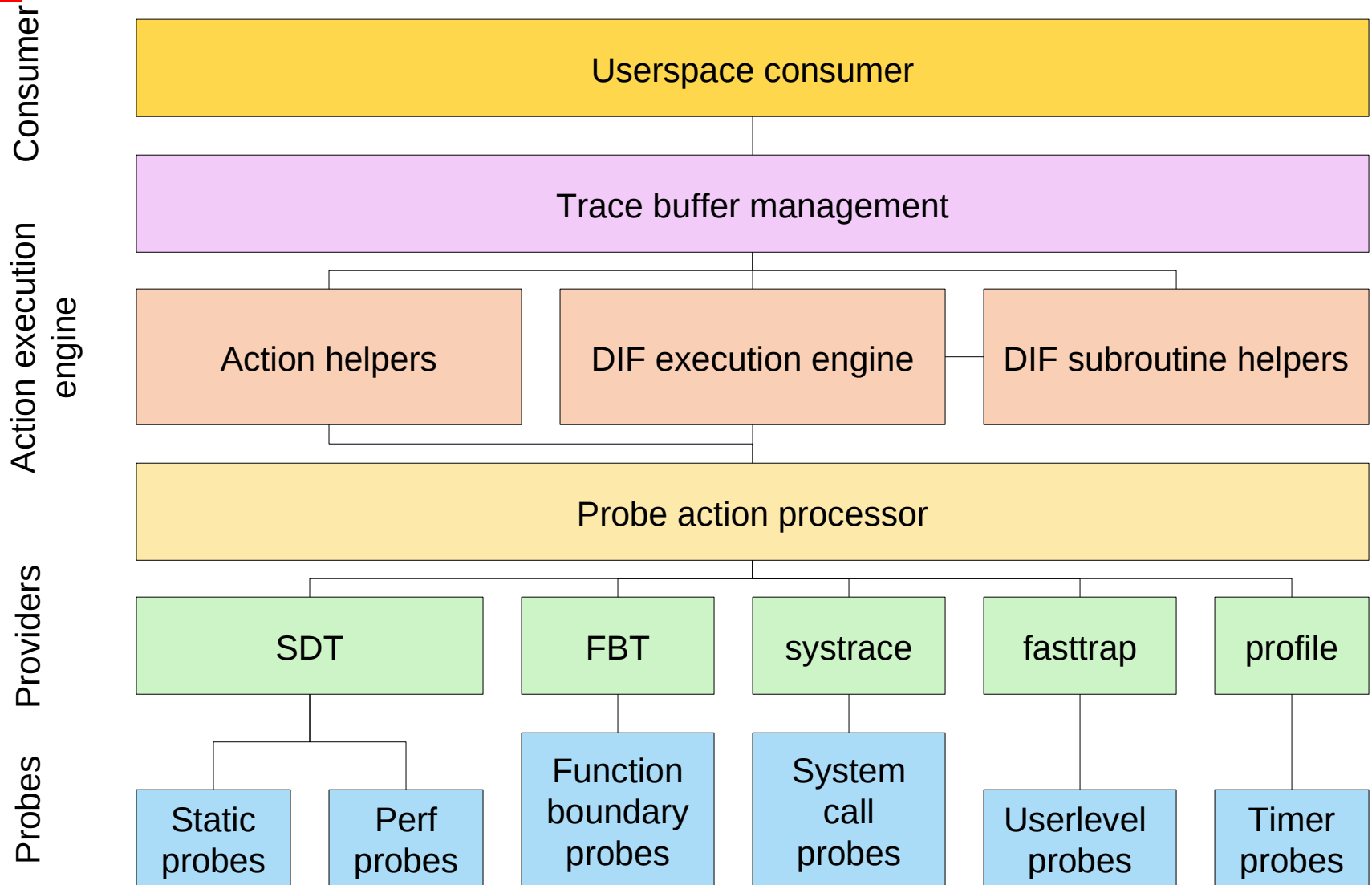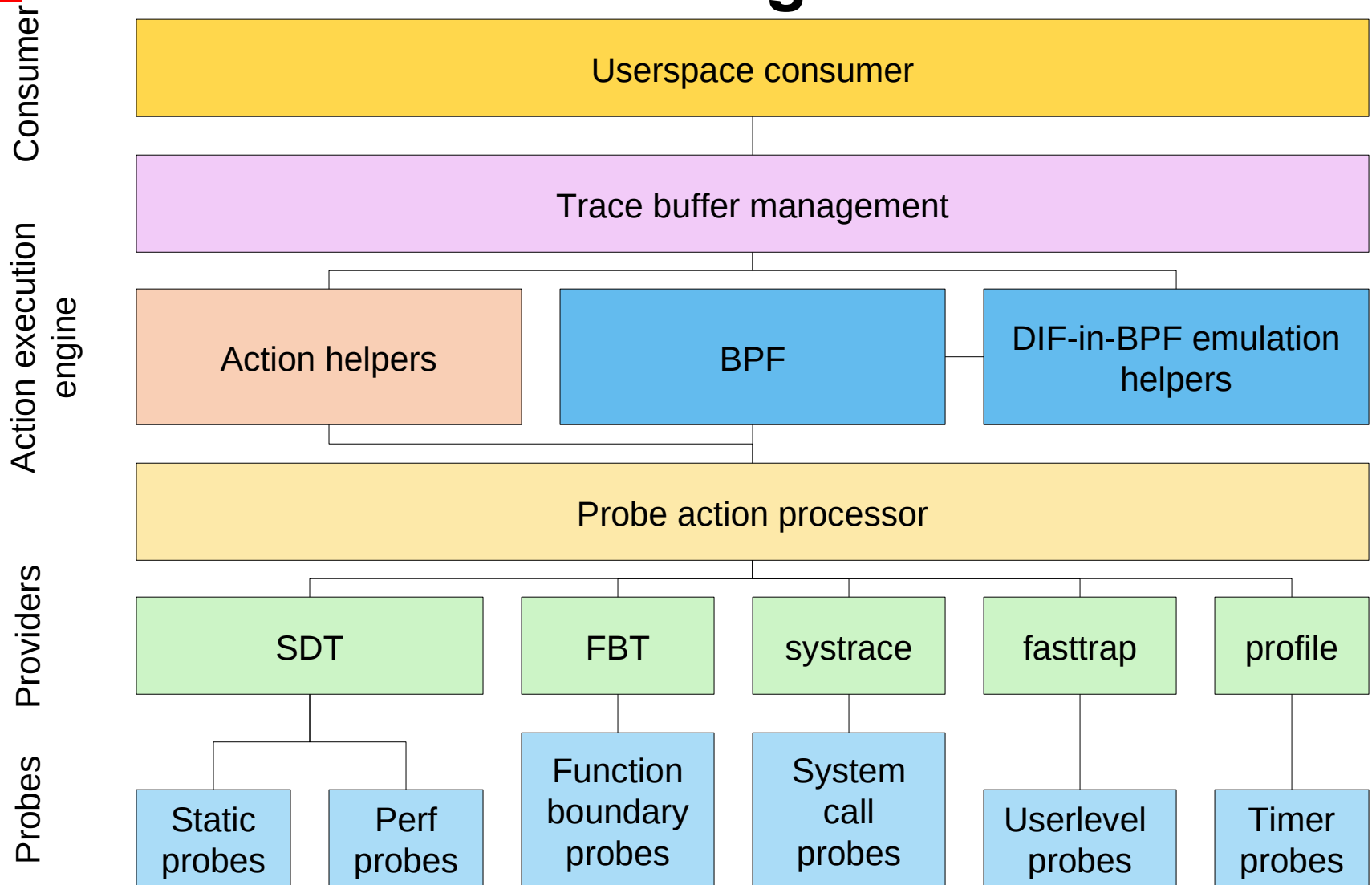# eBPF as execution engine for DTrace

Kris Van Hees
*Consulting Engineer, Languages and Tools*
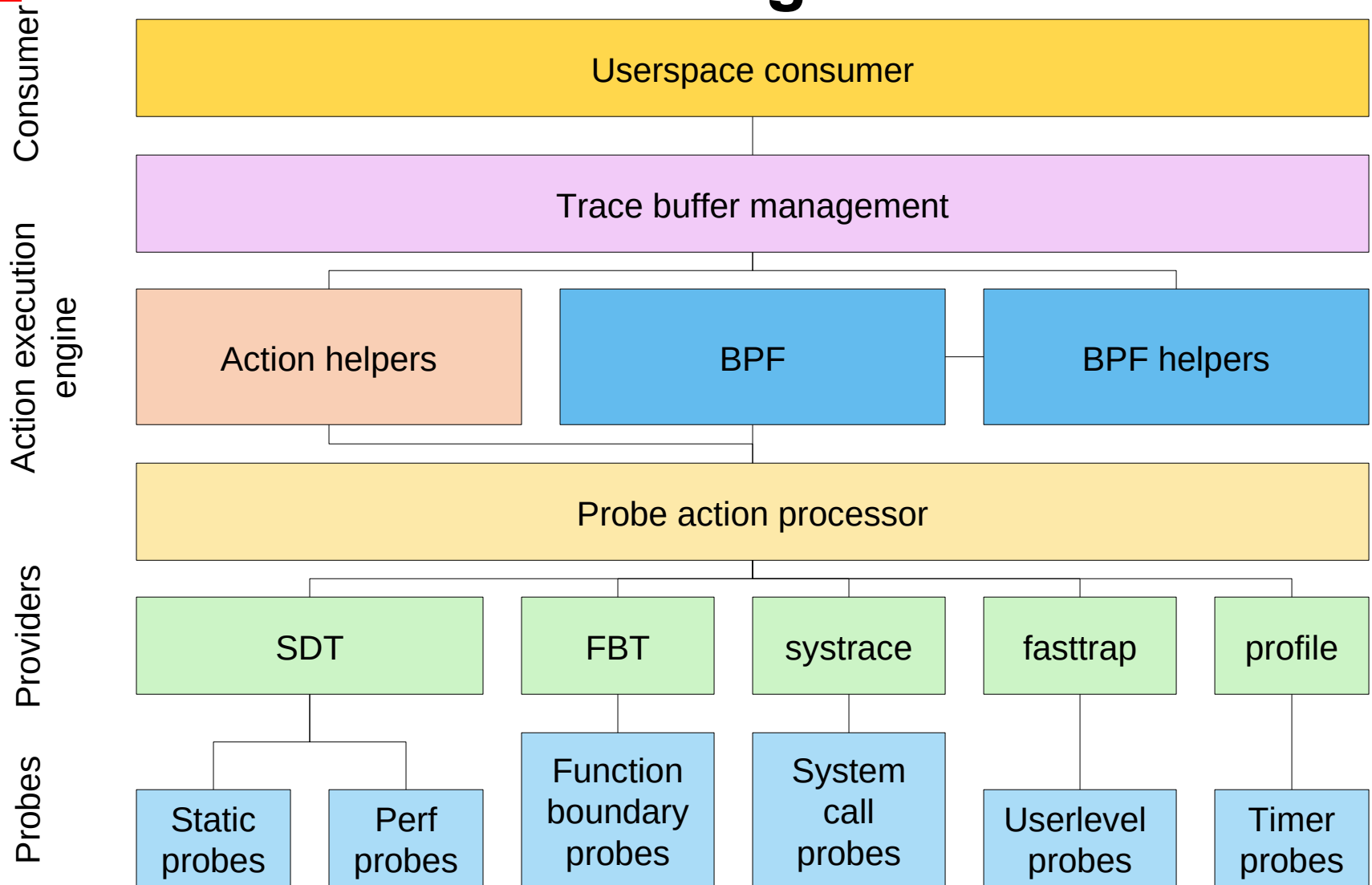*Linux Engineering*

# DTrace on Linux

# DTrace on Linux using DIF-in-BPF

# DTrace on Linux using BPF

# DTrace on Linux using BPF (cont...)



- Consumer
  - Other tracing tools
  - DTrace userspace consumer
- Action execution engine
  - Other buffer systems
  - DTrace buffer management
  - BPF (+ helpers)
  - Action helpers
  - Probe action processor
  - BPF (+ helpers)
  - DTrace providers
- Probes
  - tps
  - kprobes
  - Other probes
  - DTrace probes

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