

# bpfttrace

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high-level tracing language powered by BPF

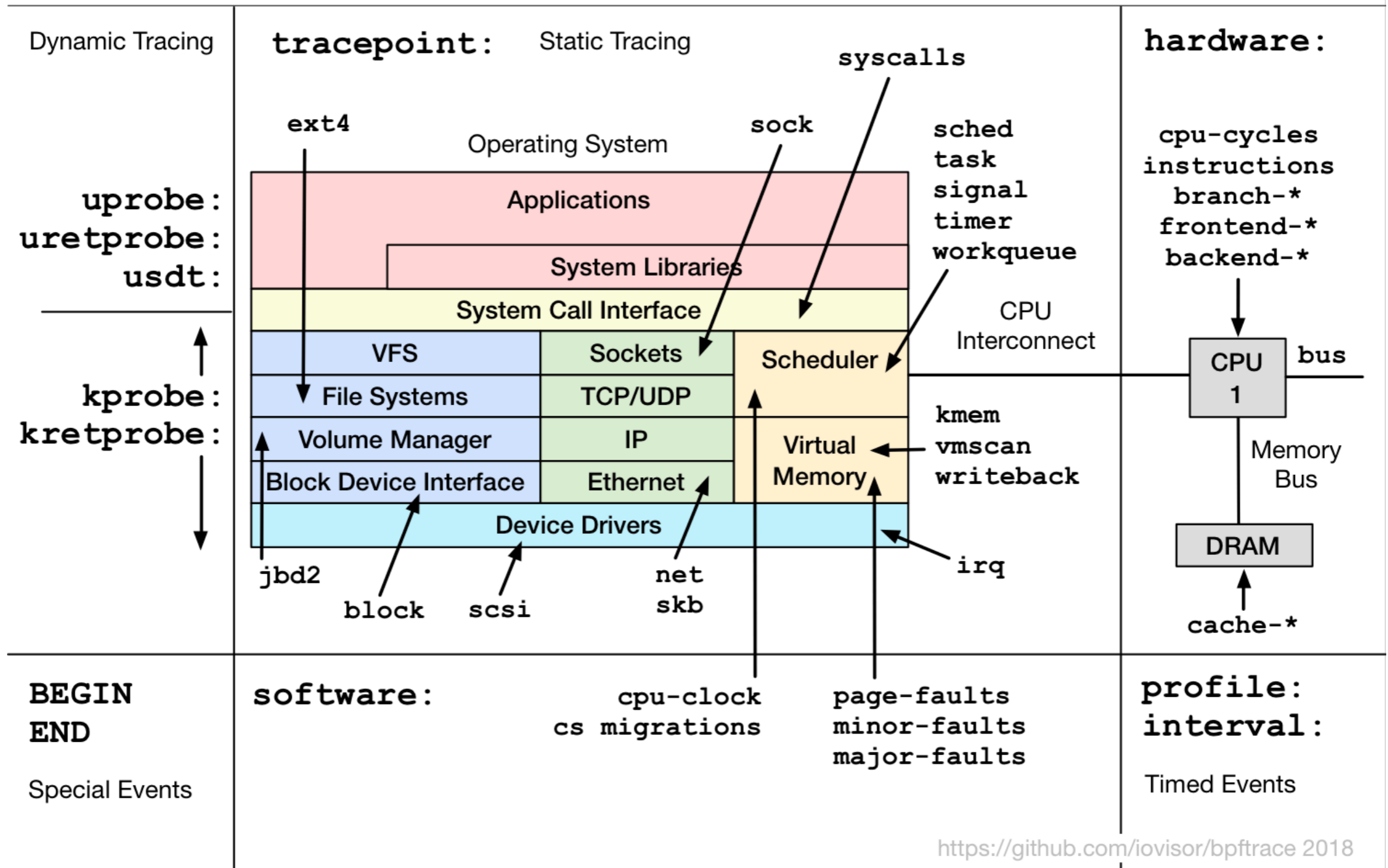
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 @mmarkini

**sthima**

**Demo**

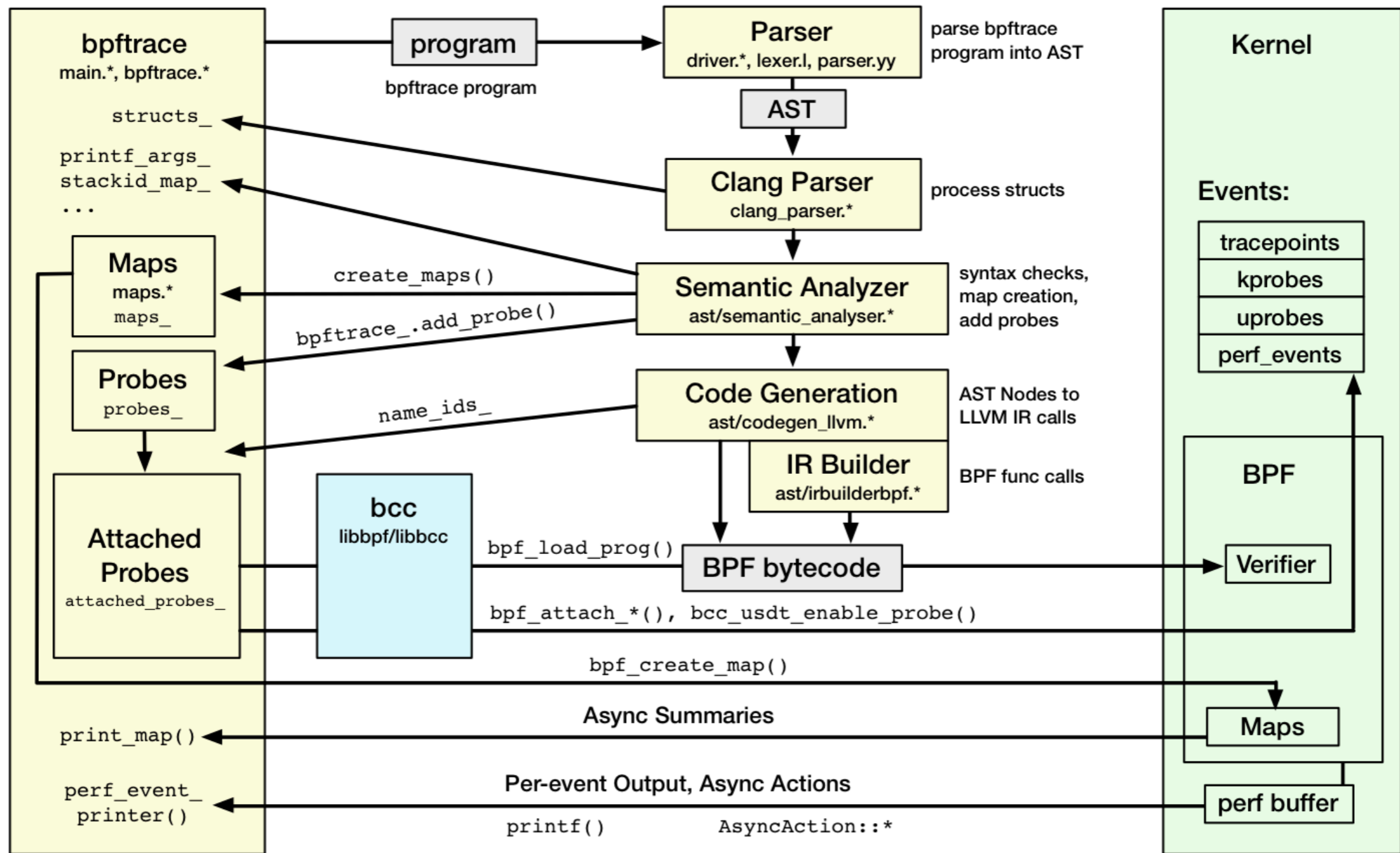
# bpftrace Probe Types



<https://github.com/iovisor/bpftrace> 2018

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# bpfftrace Internals



<https://github.com/iovisor/bpfftrace> 2018

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# Current Challenges

- Keeping up with latest LLVM (API changes)
- Stack Walking with ORC
- uprobe-compatibility with other calling conventions
  - Go, Rust, Node.js, etc.
- New BPF helpers
  - BPF\_FUNC\_kill(int)
  - BPF\_FUNC\_path(struct file \*file)
  - BPF\_FUNC\_get\_current\_ppid()