IPF -IBerkeley Porket Filter -IBerkeley Por

- I Think of it as a mini-virtual machine that allows you to write and execute program feat can hook into various Kernel events:
- -> It can hook into Now events, system cours, functions entry/enit, kerner tracepoint, however events
- I way is ellt so powerful?

 traditional perf monitoring tools rely on user spaw opportunities to court of data from Kernel using interpares like

 (prove, fyets
- this creates overhead due to content sinherer and copying large amount of data.

 cold provides is come execution and

> Some Terms to get started on exff Read the concepts of RPF and dyenow between expf and RPF

· source eller. is over Brownen Gregg's burg · important ferms like hook, map. respor, verjier and JIT computer > rools to get started witer:

- · BCC!
- · bpf trave:
- · Many common performance visnes can be diagnosa vives lopf trace
- · BCC: set of predefined tous four front also allows you to write wrown program is pyrnon and C.
- I Need to install beftrace and bectors

using bpj trave

> Spytrace can be used to trace open ' using bpftraw - e . - -)

-) Need to do

TODO

for the bcc told, there are prebuint tools like excession, opensnoop, 'brosump, tiplige ele.