



WP#9

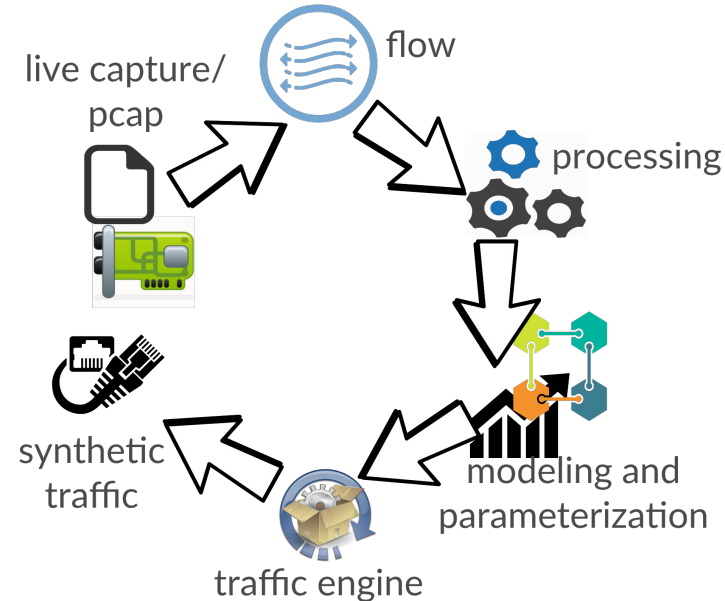
Anderson Paschoalon

Qualification feedback



→ Modeling and parametrization

◆ CORE

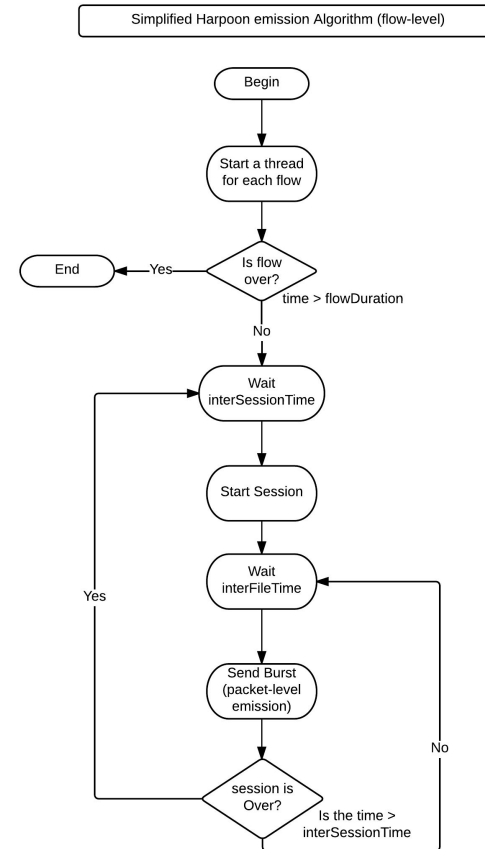
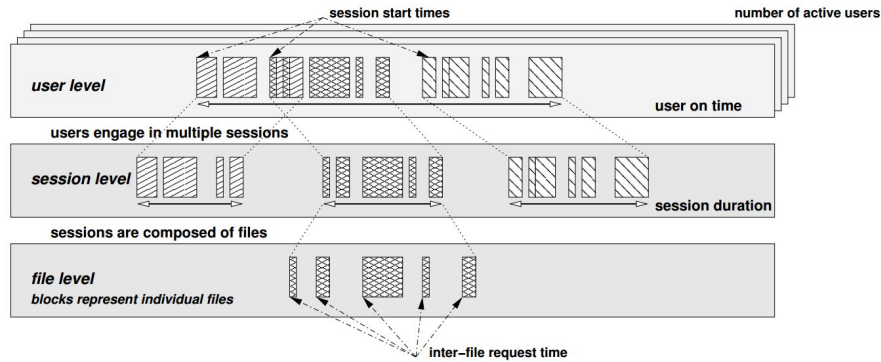


Goals clarification

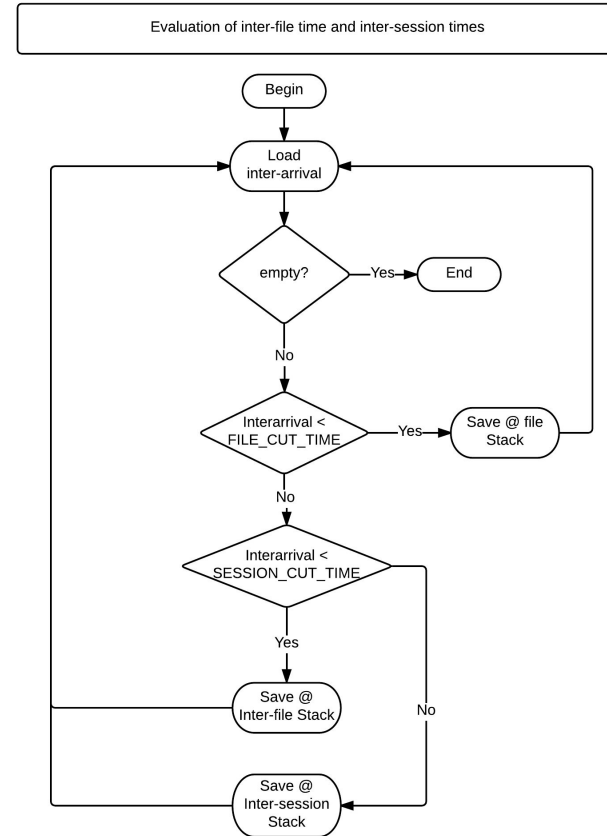
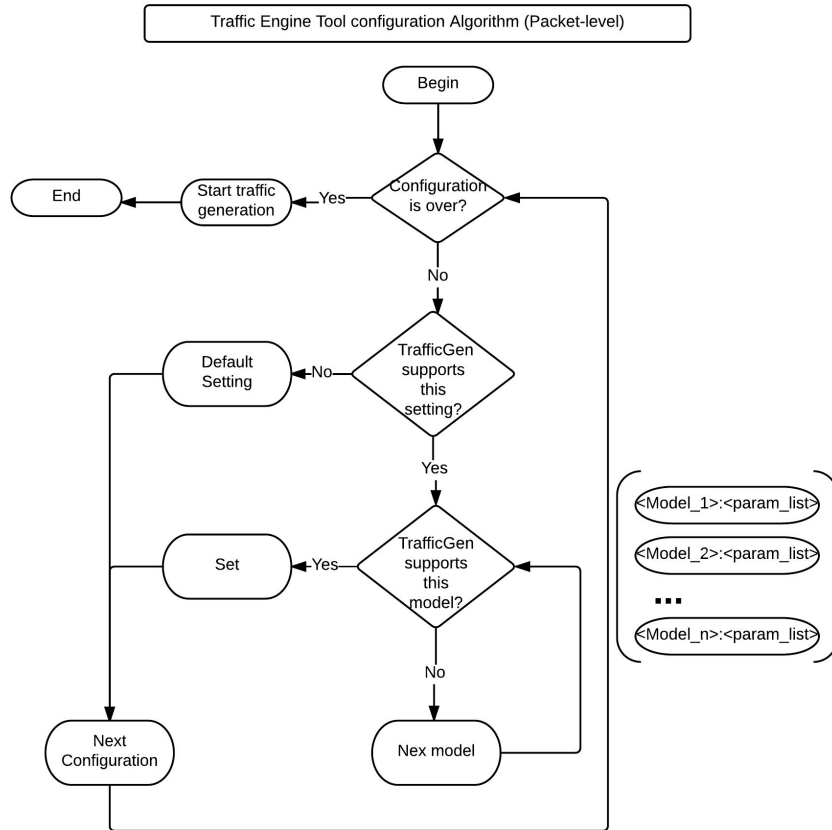


- We aim a framework for automatic configuration of TrafficGen tools.
- We want to provide a compact and analytical description of huge PCAP traces. A lightweight PCAP descriptor, we call Compact Trace Descriptor.
- It should automatize and decouple modeling from the traffic generator engine.
- We want a framework able to provide a good* realism, at higher speeds compared to monolithic tools.
- It should serve as an abstraction layer

Flow-level: Harpoon

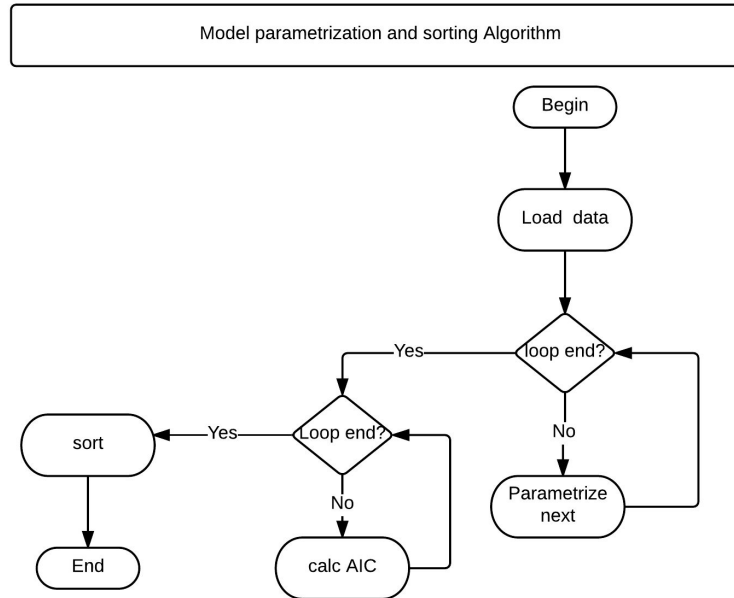


Packet-level/data extraction





- Linear Regression vs. **L-momments** for fitting
- **AIK** vs. BIC vs. Error for select the best fit





			Week					
Tasks	Sts		04/09	11/09	18/09	25/09	02/10	09/10
Practical tasks								
t 1	Study: statistical methods	doing						
t 2	Fix: revise Database	to do						
t 3	Fix: revise SW Design Pattern	to do						
t 4	Prototype: parametrization methods in matlab	to do						
t 5	Implementation: File/Session times classifier	to do						
t 6	Implementation: parametrization methods in C++	to do						
t 7	Implementation: Flow Emission Algorithm	to do						
t 8	Implementation: expand Ostinato	to do						
t 9	Implementation: low priority features	to do						
t 10	Presentation	to do						