

# How can Lina be Used?

- By humans: manually code and conduct threat analysis.
- Interactive querying interface.
- By machines: as a target for other threat analysis tools; for example, after autogenerating attack trees.

# Lina: An EDSL for Threat Analysis

```
import Lina.AttackTree

vehicle_attack :: APAttackTree Double String
vehicle_attack = start_PAT $
  or_node "Autonomous Vehicle Attack"
    (seq_node "External Sensor Attack"
      (base_wa 0.2 "Modify Street Signs to Cause Wreck")
      (and_node "Social Engineering Attack"
        (base_wa 0.6 "Pose as Mechanic")
        (base_wa 0.1 "Install Malware")))
    (seq_node "Over Night Attack"
      (base_wa 0.05 "Find Address where Car is Stored")
      (seq_node "Compromise Vehicle"
        (or_node "Break In"
          (base_wa 0.8 "Break Window")
          (base_wa 0.5 "Disable Door Alarm/Locks"))
        (base_wa 0.1 "Install Malware"))))
```