

## User Programmer

MapleApp: A program written by java

**Maple** Lib: Read pkt fields, add route

## System

**Maple** Runtime: Record the operations (read which fields) on packets and generates rules

**FAST**: Track runtime data dependence & re-execute when data changes happen

Network Information Base: Provide network state, southbound driver

**Web SDN  
IDE**: Dev,  
Op, User  
interfaces

## Network

Openflow Switch

Openflow Switch

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