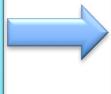## Low level, limited programming model

- Low-level, complex, limited (L2-L4) OpenFlow rule programming
- Programmer can define only at flow level
- Specific access control allowing only hosts partition

Raw data store

- Complex, manual tracking of execution dependency
- Manual cleanup, re-execute
- Designed directly on raw data store

Manual programming

- Complex, manual maven programming

Maple

- High-level, completely south-bound agnostic, cross-layer (**L2-L7**) programming
- Programmer sees (logically) each and every packet
- Integrated access control supporting per-user or role based programming

FAST

- Automatic execution dependency tracking
- Automatic cleanup, re-execution (intent ++)
- Host generic network functions

Web-based Integrated Dev Env (IDE)

- Web-based automatic generation of projects
- Programmer focuses only on policy decision