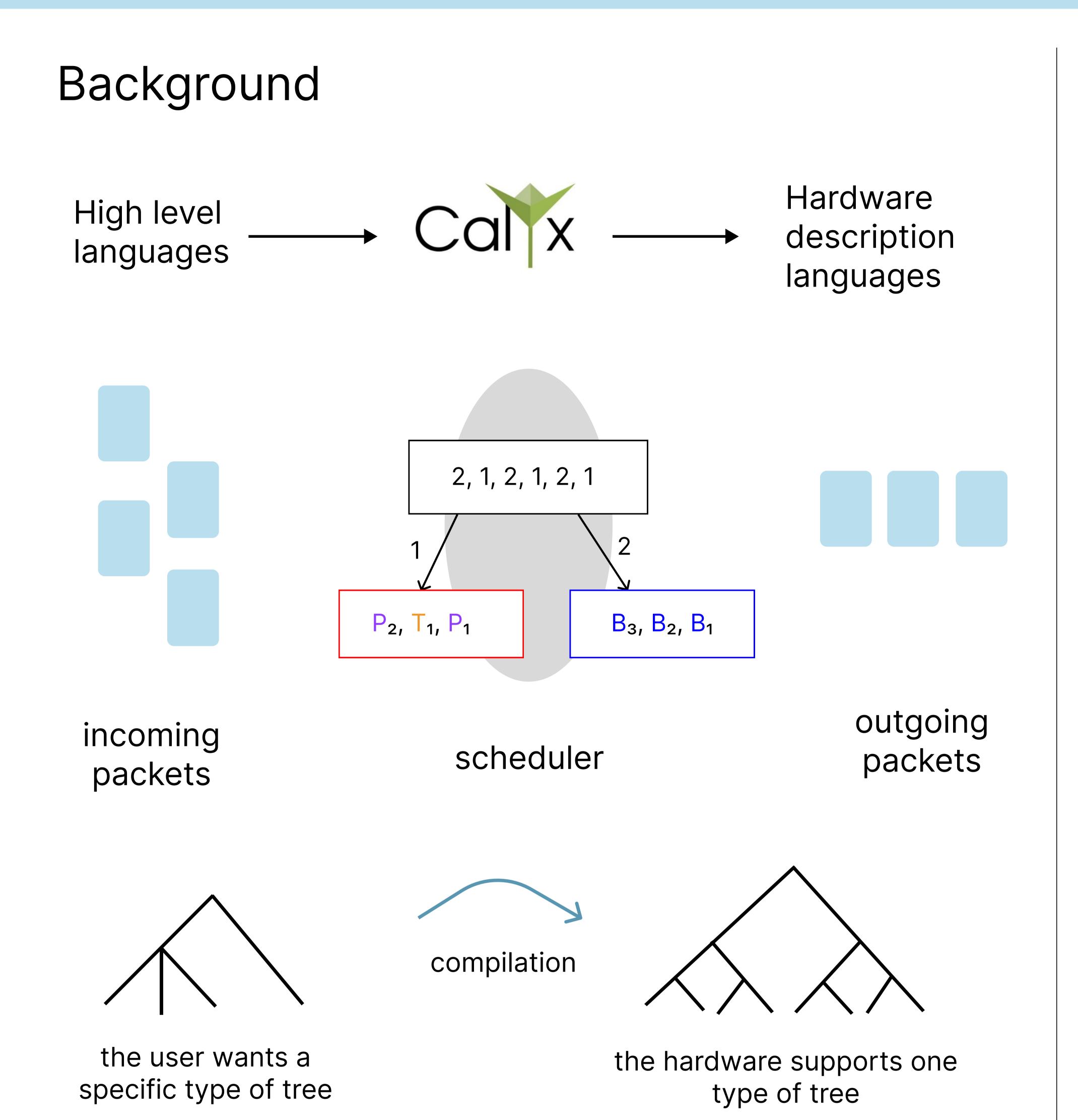


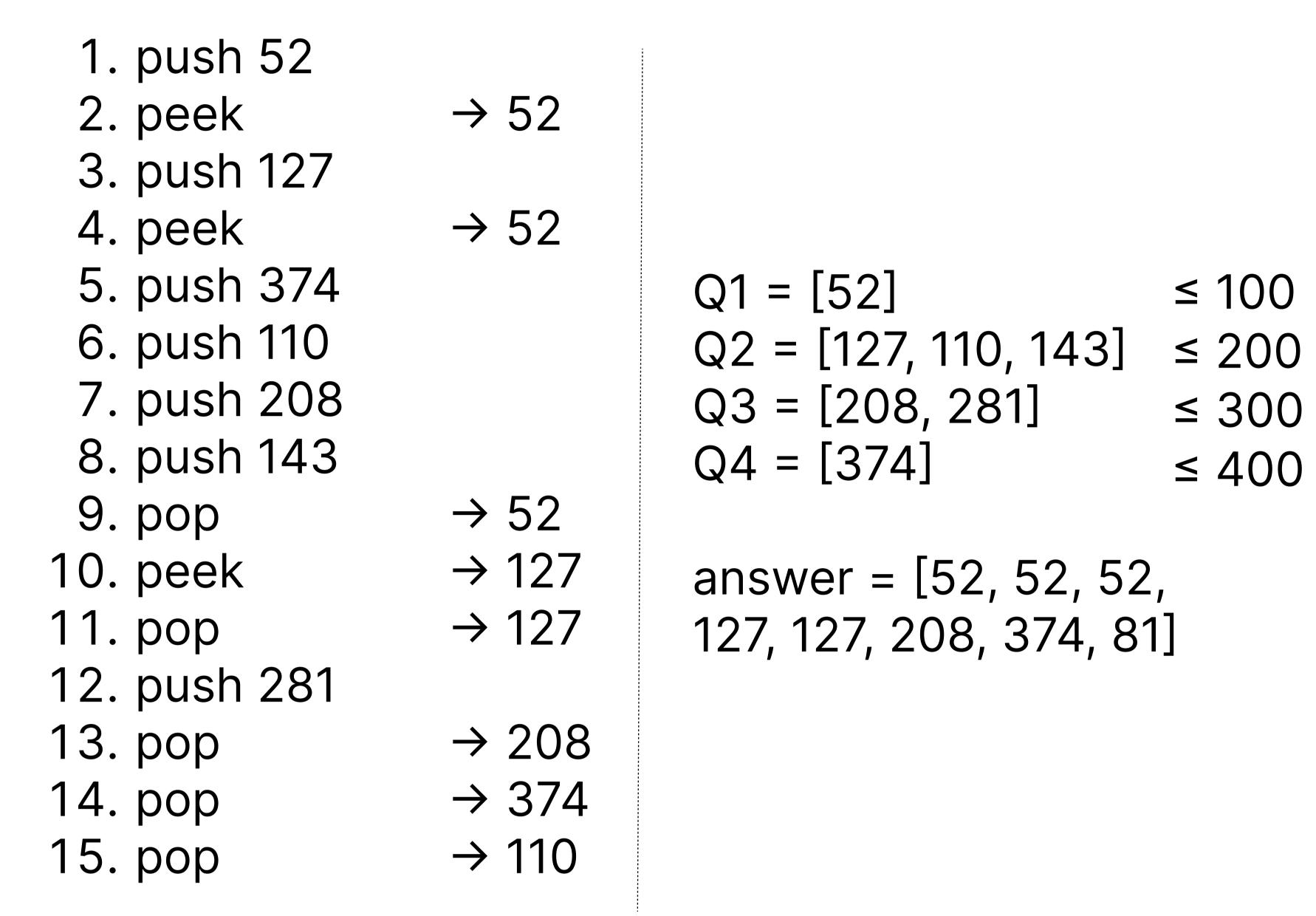
A DSL for Programmable Packet Scheduling

Cassandra Sziklai



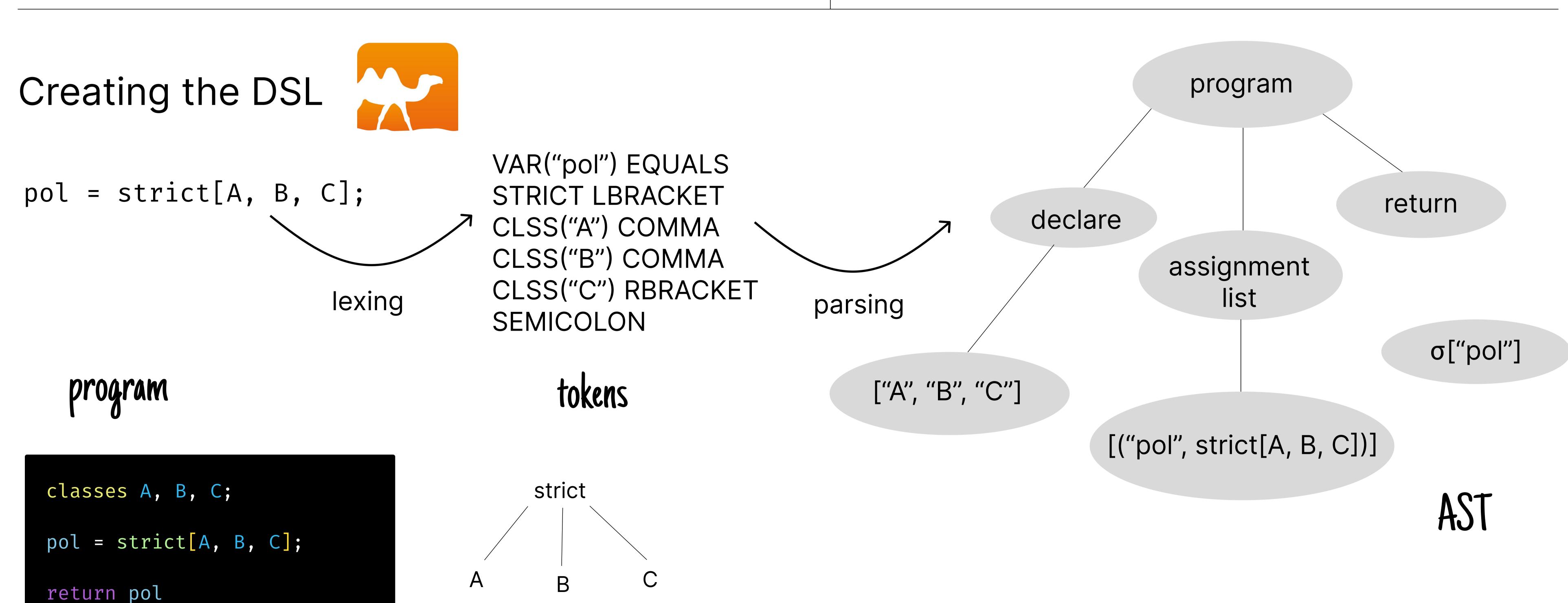
Work Conserving Policies in Calyx

Round Robin generalized to n flows

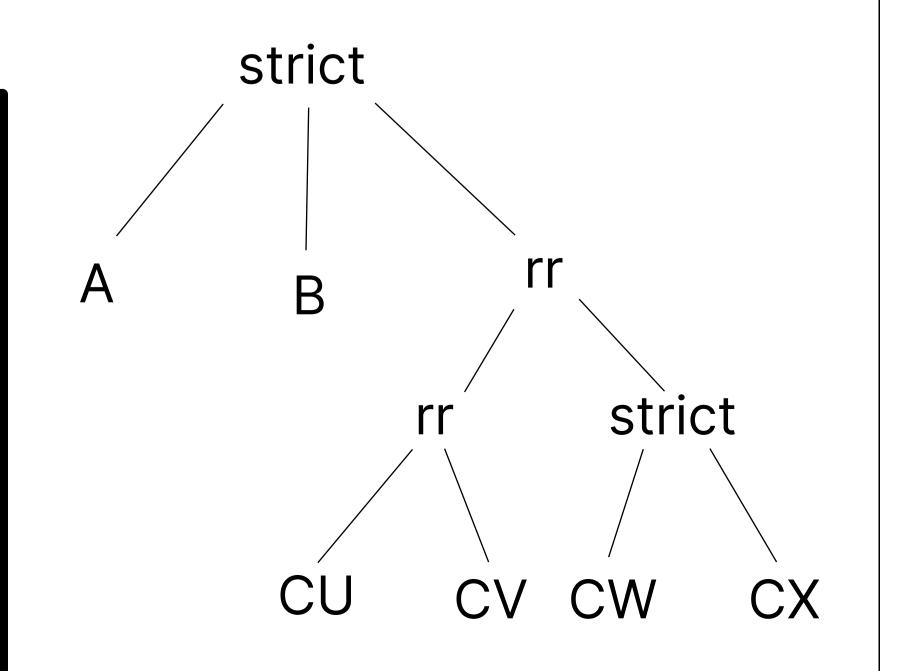


Strict Queues

- maintain a strict priority among classes
- Eg. Q3 > Q2 > Q1



classes A, B, CU, CV, CW, CX; c_policy = rr[rr[CU, CV], strict[CW, CX]]; policy = strict[A, B, c_policy]; return policy



Checking well-formedness

- substitute variables into policies
- only declared classes can be used
- prevent unbound variables
- check for duplicate classes



Interested in more? Contact cns58@cornell.edu