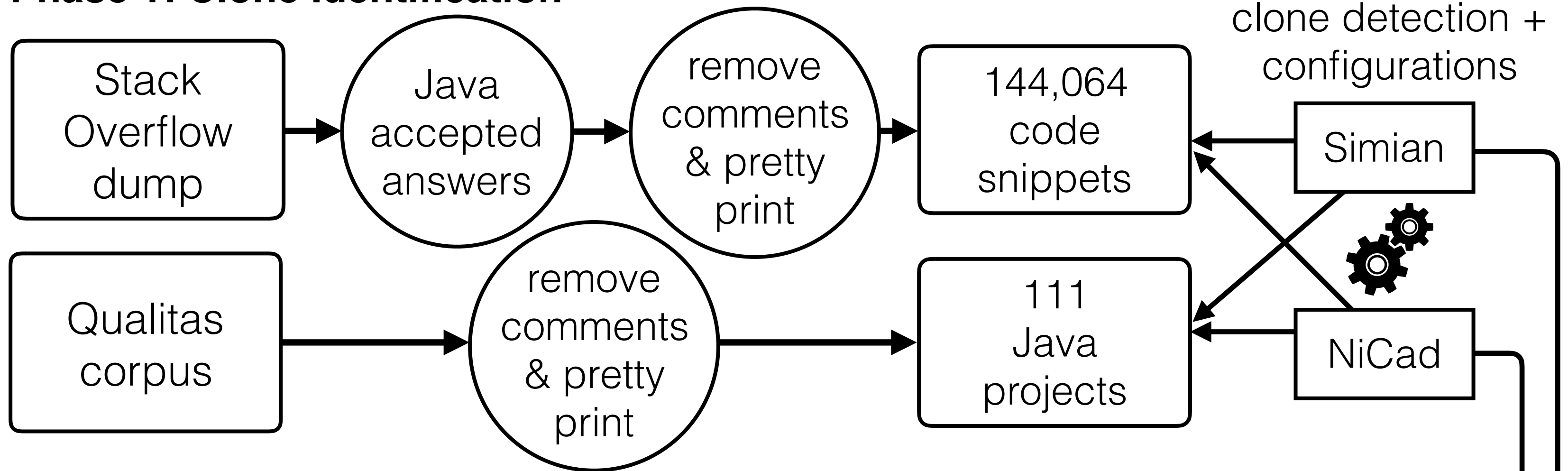
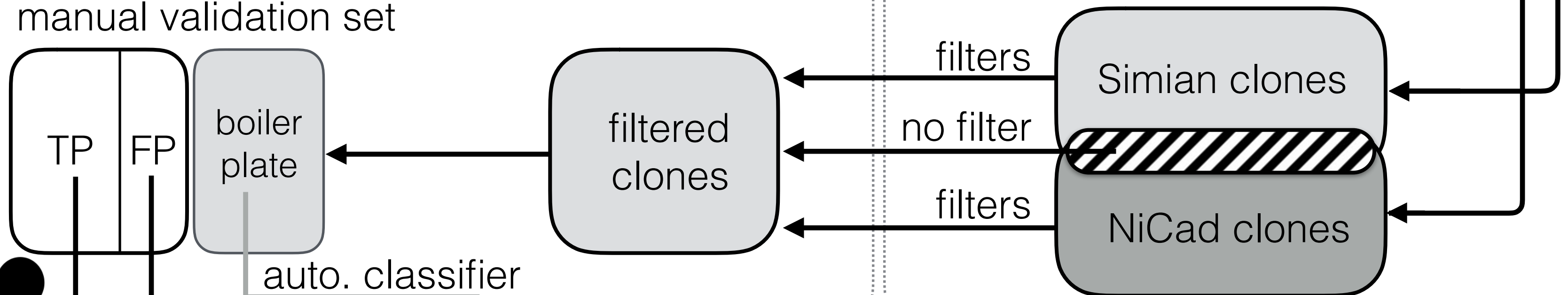


## Phase 1: Clone Identification

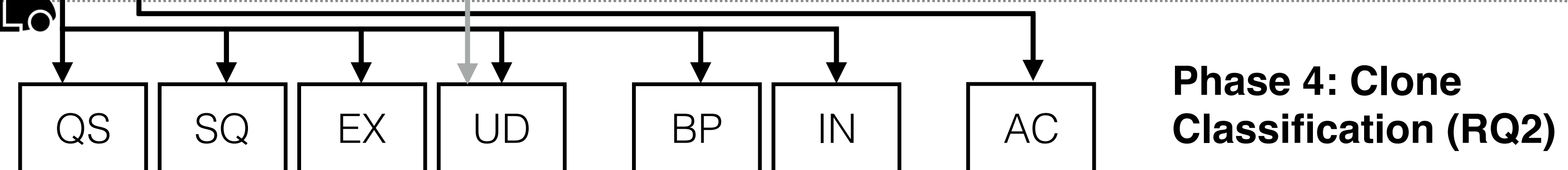


## Phase 2: Clone Filtering

manual validation set



## Phase 3: Clone Validation (RQ1)



## Phase 4: Clone Classification (RQ2)

## Phase 5: Outdated Code (RQ3)



## Phase 6: Licensing Analysis (RQ4)