SO HAS seed-code Homing solution to SO Homing Request from SO based on (after reservations, if SDC models + runtime parameters Architecture required) **HOMING-API** Fetch homing Policy **Policy Translator** policies for request MC SDNC A&AI Homing Request with policy constraints **HAS-API** Fetch initial candidates Controller **Data/Information plugins** Run static filters Data Homing template, ready to be solved Optimizer/Solver **Optimization Algorithm** Call Reservation APIs plugins **Constraint Model plugins** Homing solution (without reservations) **HAS Component** Reservation (process) Framework Component