

Errata for Lecture 2:

Real World Planning and Acting: Reachable Set

- Reachable set of an HLA

- Given a state s and an HLA h : $REACH(s, h)$ is the set of states **reachable by** any of the HLA's implementations

- Reachable set of a sequence of HLAs

- Reachable set of a sequence of HLAs $[h_1, h_2]$ is the union of all the reachable sets obtained by applying h_2 in each state in the reachable set of h_1 :

$$REACH(s, [h_1, h_2]) = \cup_{s' \in REACH(s, h_1)} REACH(s', h_2)$$