

- At any point, Z can communicate with adversary A or access $\text{extract}(\text{chain}_i)$ where chain_i is the local state of player i .
- At any point, Z can *corrupt* an honest party j which means that A gets access to its local state and subsequently, A controls party j . (In particular, this means we consider a model with “erasures”; random coin tosses that are no longer stored in the local state of j are not visible to A .)¹¹
- At any point, Z can *uncorrupt* a corrupted player j , which means that A no longer controls j and instead player j starts executing $\Pi(1^\kappa)$ with a fresh state chain_j . (This is also how we model Z spawning a “new” honest player.) A gets informed of all such uncorrupt messages and is required to deliver all messages previously sent by (currently alive) honest players.¹²