A TreeNode contains:

an **id** that is unique in its tree (except in the case of duplicate nodes to represent disputed situations)

a list of **children**, which are TreeNodes

a list of **children statuses**; the ithchild status is true iff the ith child is disputed

a **parent**, which is a TreeNode

a **relationships matrix**, describing whether its children are parallel or sequential, the structure of which is described in Disambiguate

a **name**, which is determined from its TMR or its atomic action

a **tmr**, which represents the input utterance that the node corresponds to

possibly another TreeNode that this is **disputed with** if there are some children that belong to either this node or that node but it is not known which

a field that says whether the node’s children correspond to atomic actions or to utterances

a field that says whether the node’s children represent alternative tasks or tasks in the same process