

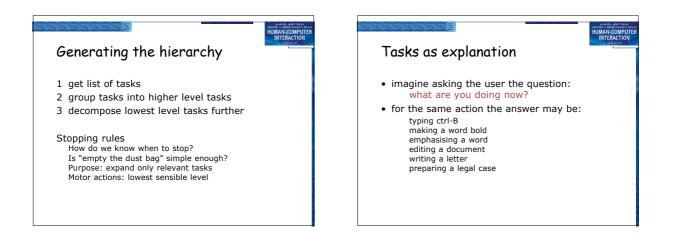
Task Decomposition

Aims:

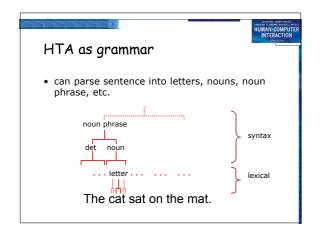
describe the actions people do structure them within task subtask hierarchy describe order of subtasks

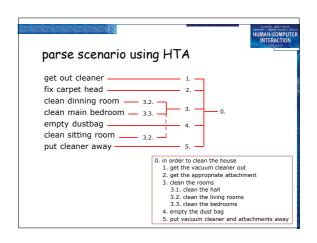
Variants:

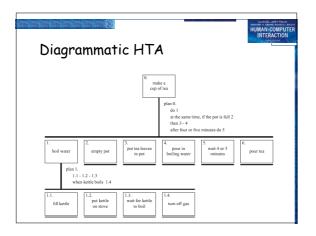
Hierarchical Task Analysis (HTA) most common CTT (CNUCE, Pisa) uses LOTOS temporal operators



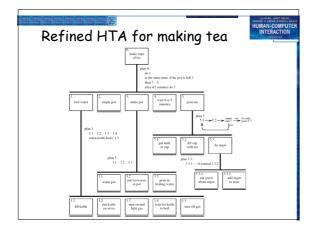
HUMAN-COMPUTER







Refining the description		
	(textual or diagram) / improve it?	
Some heuristics paired actions restructure balance generalise	e.g., where is `turn on gas' e.g., generate task `make pot' e.g., is `pour tea' simpler than making pot? e.g., make one cup or more	



Types of p	HUMAN-COMPUT INTERACTION
fixed sequence	- 1.1 then 1.2 then 1.3
optional tasks	- if the pot is full 2
wait for events	- when kettle boils 1.4
cycles	- do 5.1 5.2 while there are still empty cups
time-sharing	- do 1; at the same time
discretionary	- do any of 3.1, 3.2 or 3.3 in any order
mixtures	 most plans involve several of the above

