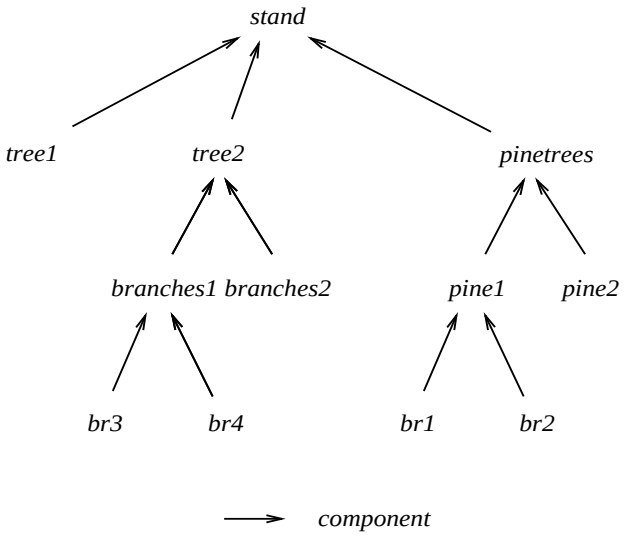
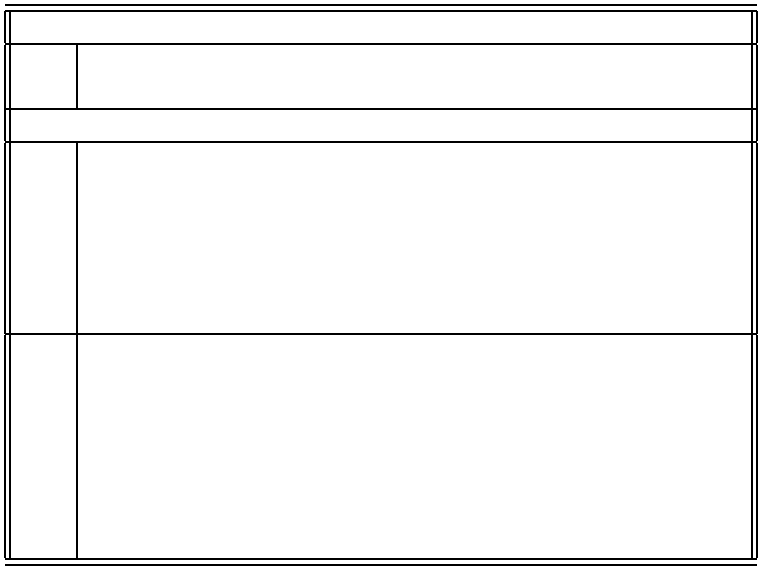
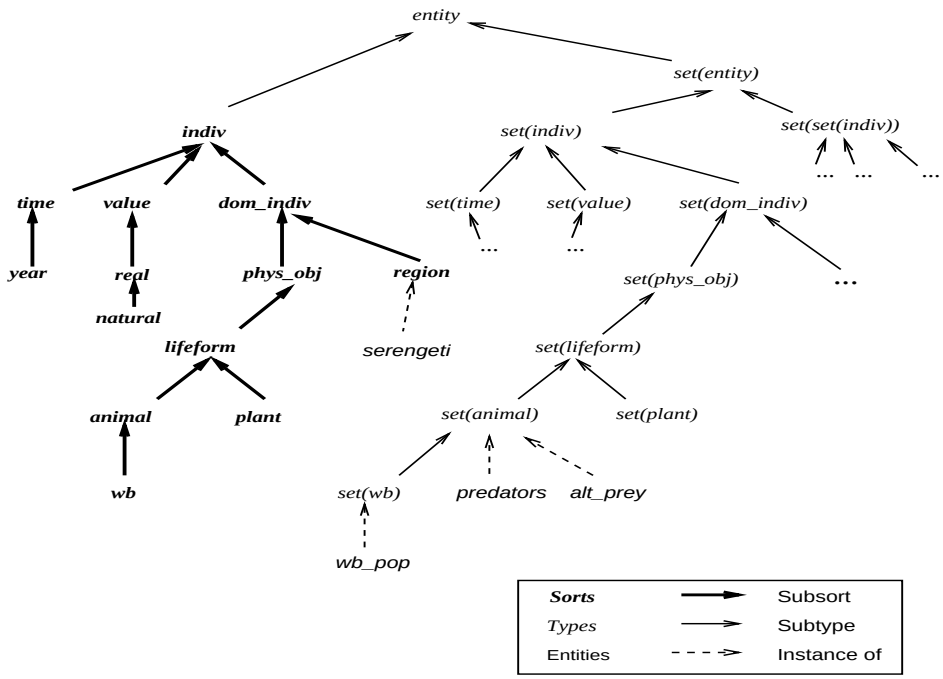
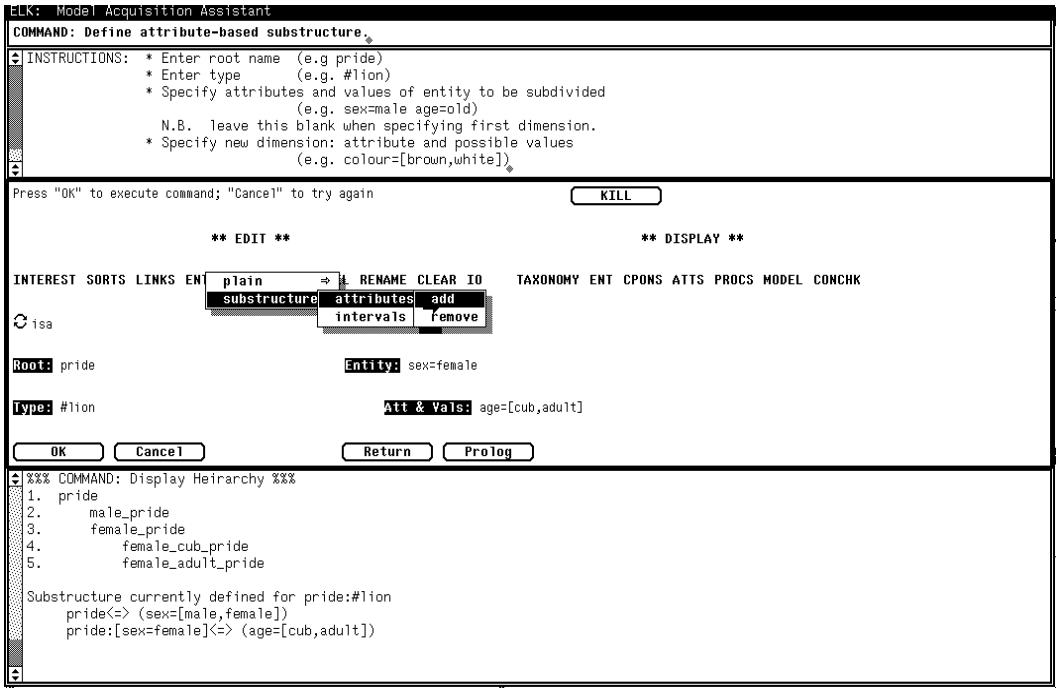
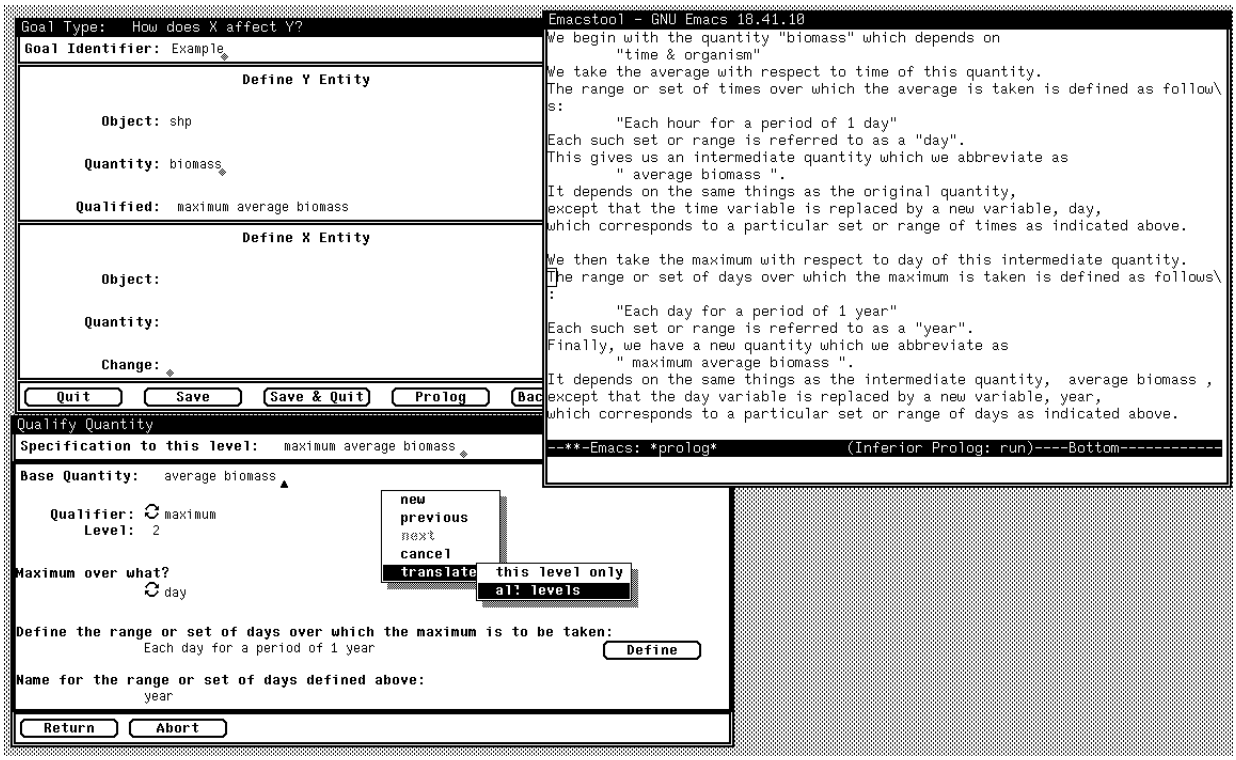
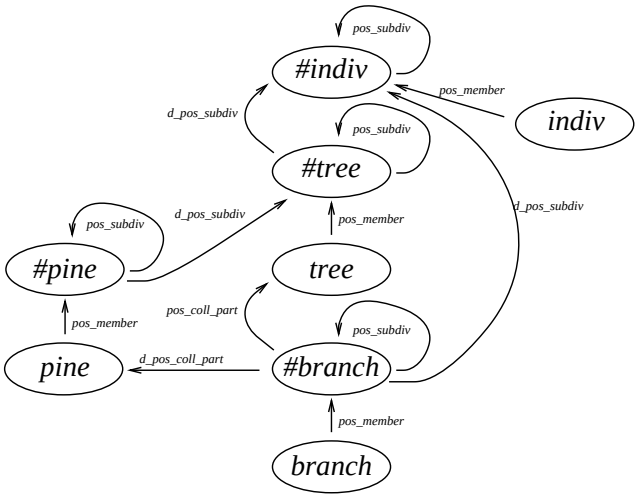

stand
tree1
tree2
pinetrees
branches1
branches2
pine1
pine2
br3
br4
br1
br2
component



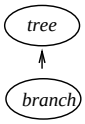

entity
set(entity)
indiv
set(indiv)
set(set(indiv))
time
value
dom_indiv
set(time)
set(value)
set(dom_indiv)
year
real
phys_obj
region
set(phys_obj)
natural
lifeform
serengeti
set(lifeform)
animal
plant
set(animal)
set(plant)
wb
set(wb)
predators
alt_prey
wb_pop
Sorts
Types
Entities
Subsort
Subtype
Instance of


ELK: Model Acquisition Assistant
COMMAND: Define attribute-based substructure
INSTRUCTIONS: * Enter root name (e.g pride)
* Enter type (e.g. #lion)
* Specify attributes and values of entity to be subdivided
(e.g. sex=male age=old)
N.B. leave this blank when specifying first dimension.
* Specify new dimension: attribute and possible values
(e.g. colour=[brown,white])
Press "OK" to execute command; "Cancel" to try again
KILL
** EDIT **
** DISPLAY **
INTEREST SORTS LINKS ENT
plain
substructure
attributes
intervals
add
remove
RENAME CLEAR IO
TAXONOMY ENT CPONS ATTS PROCS MODEL CONCHK
isa
Root: pride
Entity: sex=female
Type: #lion
Att & Vals: age=[cub,adult]
OK
Cancel
Return
Prolog
%%% COMMAND: Display Heirarchy %%%
1. pride
2. male_pride
3. female_pride
4. female_cub_pride
5. female_adult_pride
Substructure currently defined for pride:#lion
pride<=> (sex=[male,female])
pride:[sex=female]<=> (age=[cub,adult])


Goal Type: How does X affect Y?
Goal Identifier: Example
Define Y Entity
Object: shp
Quantity: biomass
Qualified: maximum average biomass
Define X Entity
Object:
Quantity:
Change:
Quit
Save
Save & Quit
Prolog
Bac
Qualify Quantity
Specification to this level: maximum average biomass
Base Quantity: average biomass
Qualifier: maximum
Level: 2
Maximum over what?
day
new
previous
next
cancel
translate
this level only
all levels
Define the range or set of days over which the maximum is to be taken:
Each day for a period of 1 year
Define
Name for the range or set of days defined above:
year
Return
Abort
Emacstool - GNU Emacs 18.41.10
We begin with the quantity "biomass" which depends on
"time & organism"
We take the average with respect to time of this quantity.
The range or set of times over which the average is taken is defined as follow\
s:
"Each hour for a period of 1 day"
Each such set or range is referred to as a "day".
This gives us an intermediate quantity which we abbreviate as
" average biomass ".
It depends on the same things as the original quantity,
except that the time variable is replaced by a new variable, day,
which corresponds to a particular set or range of times as indicated above.
We then take the maximum with respect to day of this intermediate quantity.
The range or set of days over which the maximum is taken is defined as follows\
:
"Each day for a period of 1 year"
Each such set or range is referred to as a "year".
Finally, we have a new quantity which we abbreviate as
" maximum average biomass ".
It depends on the same things as the intermediate quantity, average biomass ,
except that the day variable is replaced by a new variable, year,
which corresponds to a particular set or range of days as indicated above.
--**-Emacs: *prolog* (Inferior Prolog: run)----Bottom----------



Part Hierarchy



Subtype Hierarchy