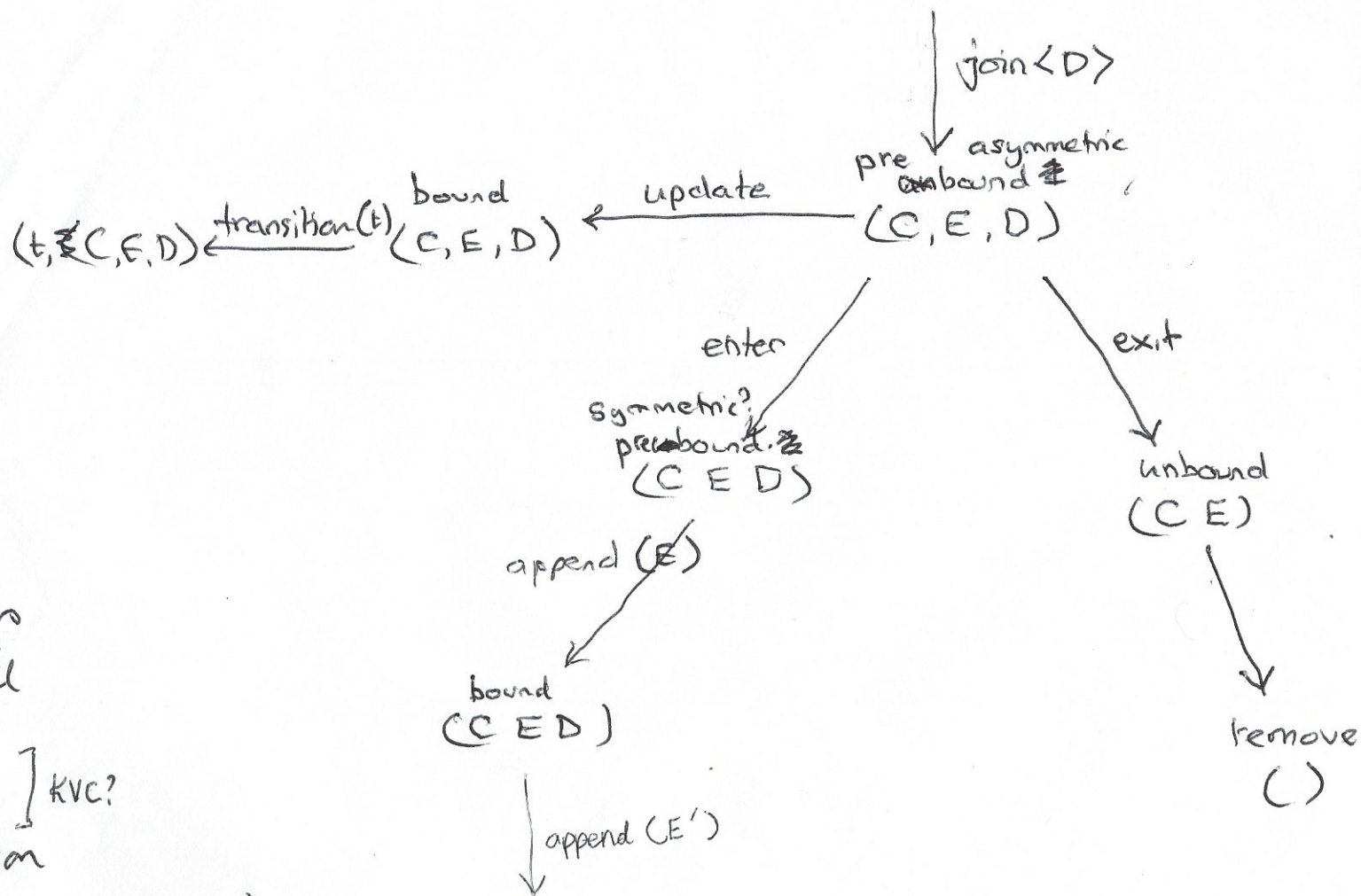
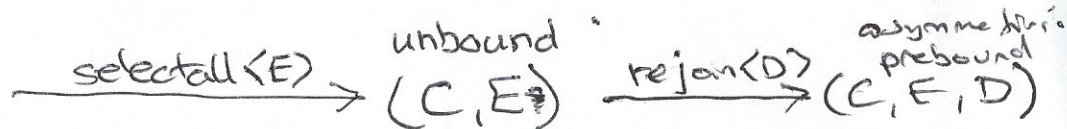


Selection



debug of  
nodes  
data

operation

selectall  
 join  
 each  
 attr } KVC?  
 transition  
 append  
 enter  
 exit  
 update  
 rejoin  
 remove

Select(bound)

SelectAll(E)  $\rightarrow [E']$

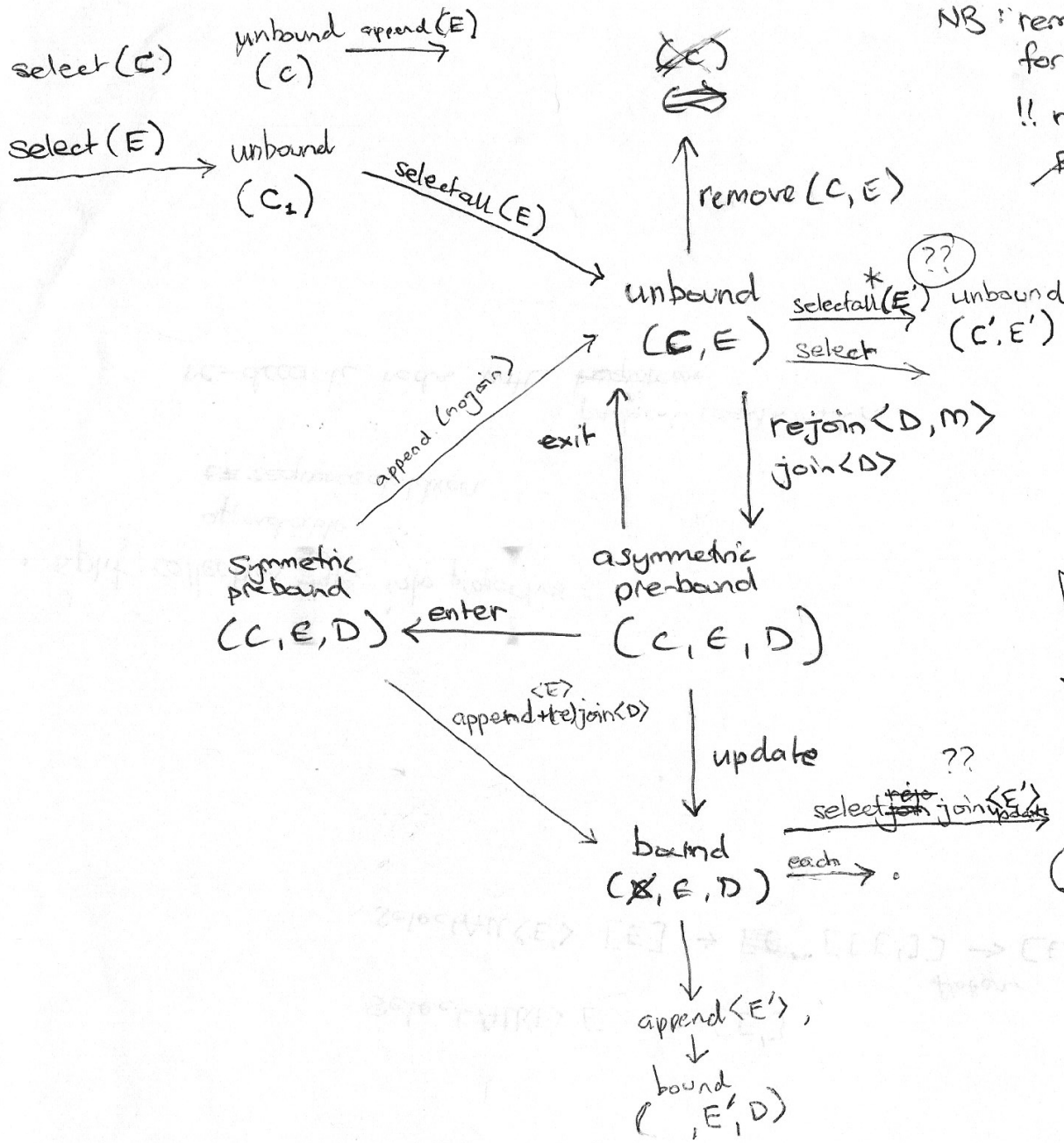
SelectAll(E) [E]  $\xrightarrow{\text{flatten}} [[E']] \rightarrow [E']$

- split collection type into properties:

appendable

~~sequence~~ children

re-decorate nodes with ~~requirements~~ <sup>protocol requirements</sup>



NB: remove requires parent  
for general collections

!! remove requires tree-navigable  
parent ?!

Value types don't have  
a remove - the  
leaves can be  
extracted from  
update node data

SelectJoinUpdate  
- creates selection joined  
to same data only  
1 or 0 per initial  
data returns only  
valid bound nodes

required  
appendable  
but not  
children

appendrejoin (aka append)  
assumes symmetric  
results so creates  
a bound selection