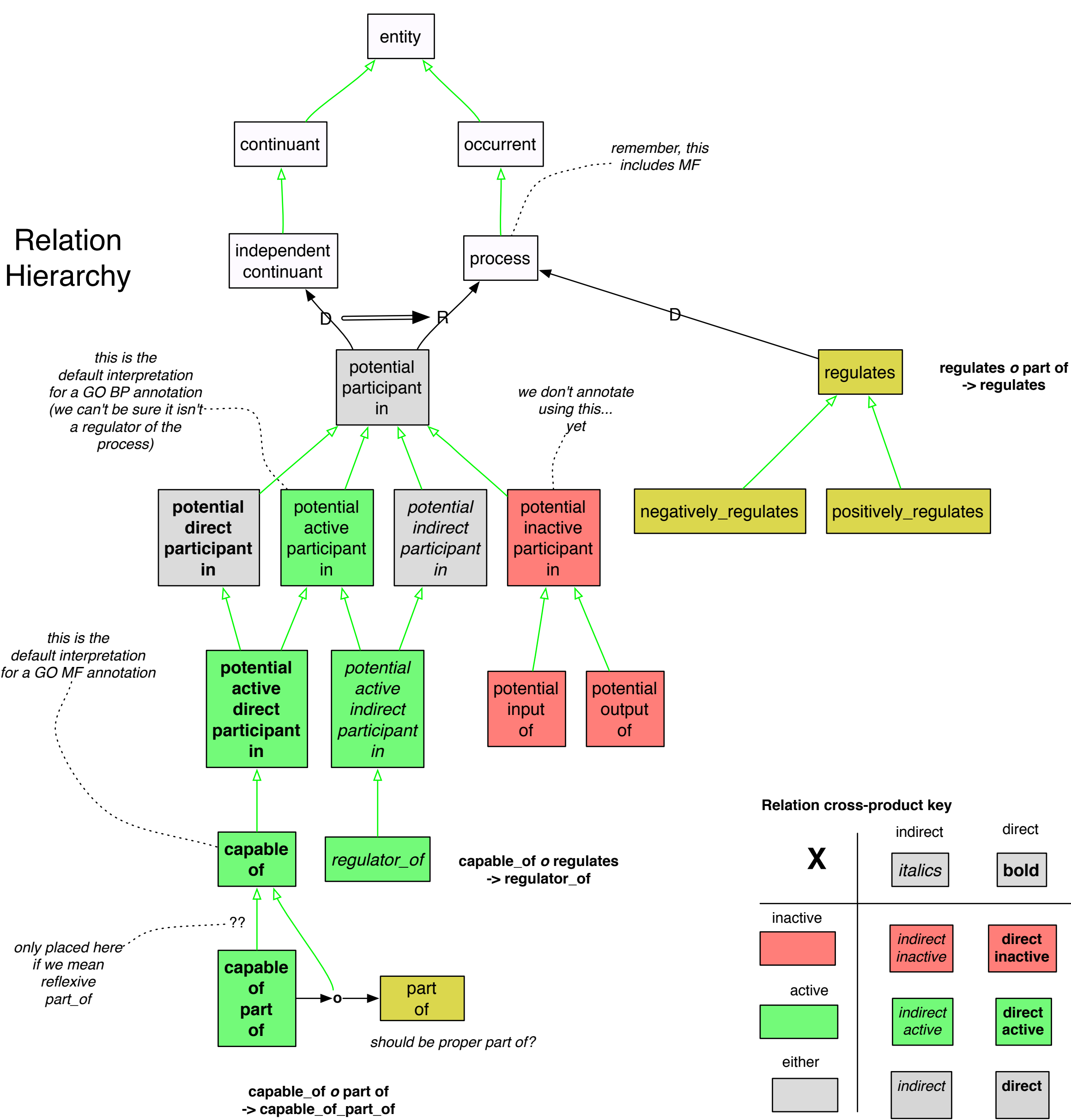
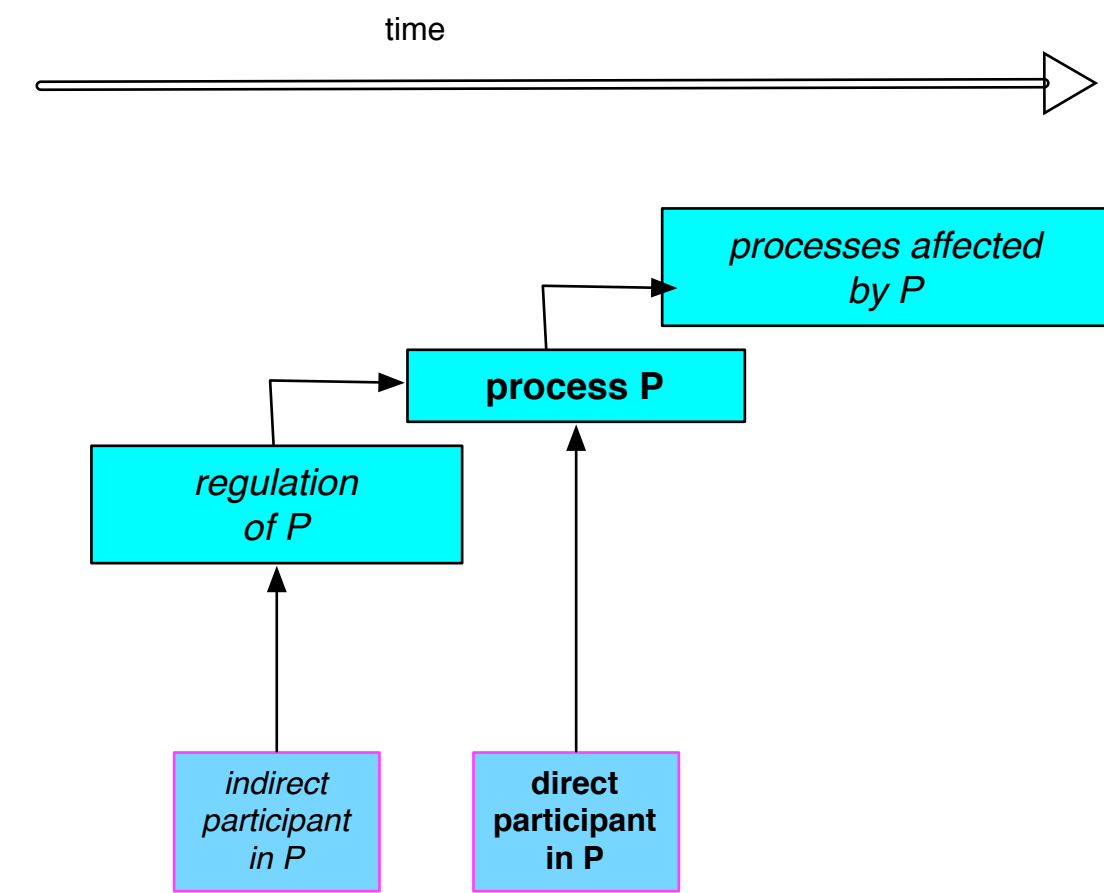


Relation Hierarchy



'direct' and 'indirect' participants

we want a relation that encompasses the relationship between a gene product and a process P, which includes the case where the gene product regulates P. Perhaps this is overloading 'participation'?



Composition table [row o col -> val]

O	Co	CoPo	Po	pR	R
Co	X	X	CoPo	X	pR
CoPo	X	X	CoPo	X	?
Po	X	X	Po	X	--
pR	X	X	pR	X	--
R	X	X	R	X	--

Relation cross-product key

X	indirect	direct	either
inactive	<i>indirect inactive</i>	direct inactive	inactive
active	<i>indirect active</i>	direct active	active
either	<i>indirect</i>	direct	

Structure of post-composition could matter!
compare these two representations (a) and (b)
[post-comps are in grey]

