
<i>Framework</i>	$:=$	$\{Clause, \dots\}$
<i>Clause</i>	$:=$	$Agent :: Dn$
<i>Agent</i>	$:=$	$a(Type, Id)$
<i>Dn</i>	$:=$	$Agent \mid Message \mid Dn \text{ then } Dn \mid Dn \text{ or } Dn \mid Dn \text{ par } Dn \mid null \leftarrow C$
<i>Message</i>	$:=$	$M \Rightarrow Agent \mid M \Rightarrow Agent \leftarrow C \mid M \Leftarrow Agent \mid C \leftarrow M \Leftarrow Agent$
<i>C</i>	$:=$	$Term \mid C \wedge C \mid C \vee C$
<i>Type</i>	$:=$	$Term$
<i>M</i>	$:=$	$Term$

Where *null* denotes an event which does not involve message passing; *Term* is a structured term in Prolog syntax and *Id* is either a variable or a unique identifier for the agent.
