Table 4.1 *The definite clause grammar. Terms in bold are reserved terms in the grammar (i.e. words reserved for use by the system); terms starting with a capital letter are variables; ⇒ means 'can take the form of'.*

FormalSentence ⇒ Statement **if** FormalConditions
FormalSentence ⇒ Statement
Statement ⇒ Cause **Causes** Effect where Causes is an element of the set:{**causes1way**,**causes2way**}
Statement ⇒ AttributeStatement
Statement ⇒ **not**(AttributeStatement)
Statement ⇒ **link**(influence,Thing,Thing)
Statement ⇒ **link**(Link,Object,Object)
Statement ⇒ **link**(Link,ProcessBit,ProcessBit)
Statement ⇒ **link**(Link,ProcessBit,Object)
Statement ⇒ **comparison**(Attribute,Object,Comparison,Object)
FormalConditions ⇒ FormalConditions **and** FormalConditions
FormalConditions ⇒ FormalConditions **or** FormalConditions
FormalConditions ⇒ Statement
FormalConditions ⇒ ActionBit
FormalConditions ⇒ ProcessBit
AttributeStatement ⇒ **att_value**(Object,Attribute,Value)
AttributeStatement ⇒ **att_value**(ProcessBit,Attribute,Value)
AttributeStatement ⇒ **att_value**(ActionBit,Attribute,Value)
Cause ⇒ AttributeStatement
Cause ⇒ ProcessBit
Cause ⇒ ActionBit
Cause ⇒ Object
Cause ⇒ **not**(Cause)
ActionBit ⇒ **action**(Action,Object,Object)
ActionBit ⇒ **action**(Action,Object)
Effect ⇒ AttributeStatement
Effect ⇒ ProcessBit
Effect ⇒ ActionBit
Effect ⇒ **not**(Effect)
Process_bit ⇒ **process**(Process)
Process_bit ⇒ **process**(Object,Process)
Process_bit ⇒ **process**(Object,Process,Object)
Thing ⇒ Object
Thing ⇒ ProcessBit
Attribute ⇒ atom
Process ⇒ atom
Link ⇒ atom
Object ⇒ atom
Object ⇒ **part**(Object,Object)
Action ⇒ atom
Comparison ⇒ Atom where Atom is an element of the set:{**greater_than**, **less_than,** **same_as**, **different_from**}
Value ⇒ Atom Where Atom is an element of the set:{**increase**, **decrease**, **change**, **no_change**}
Value ⇒ Atom
Value ⇒ Number Where Number is either a floating point number or an integer
Value ⇒ **range**(Value,Value)