```
contract ::= protocol\_decl property\_decl rule\_decl
protocol\_decl ::= event \ event\_name \ (, event\_name)^* ;
                   protocol protocol ; ;
 event\_name ::= \mathbf{anv} \mid name
     protocol ::= event\_name \mid protocol ; protocol
                 | protocol + protocol | protocol * | protocol ?
property\_decl ::= variable name (, name)^*;
                   property (ldl\_formula:)^+
    rule\_decl ::= \mathbf{rule} (rule;)^+
          rule ::= \mathbf{on} \ event\_name \ (\{ \ code \})^?
                   when condition (\{ code \})^?
                   action (\{ code \})^?
    condition ::= proposition \mid < ldl_path > condition
       action ::= ensure proposition
                   raise event_name
                   do (action (, action)^*)
```