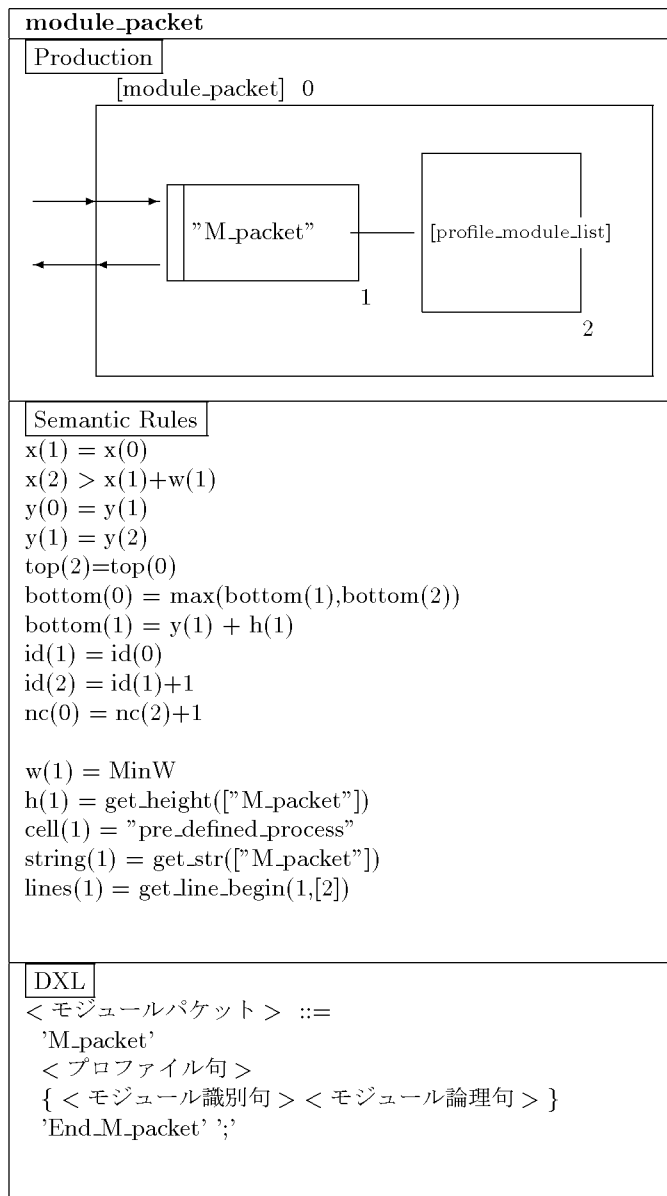
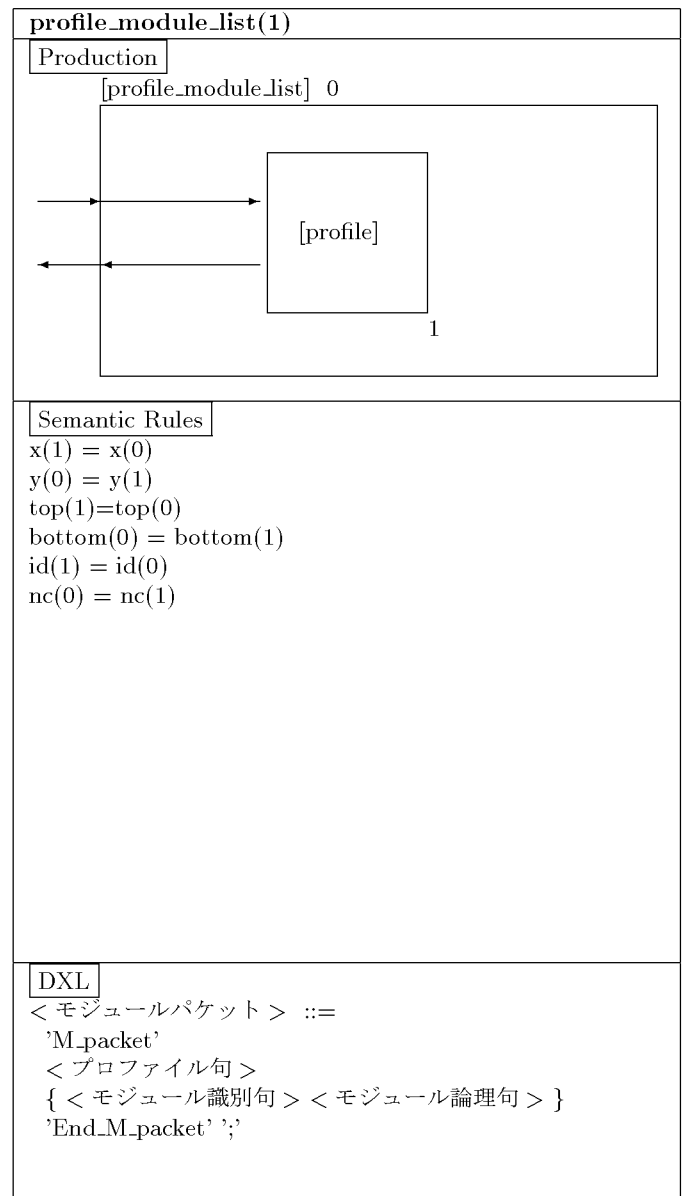


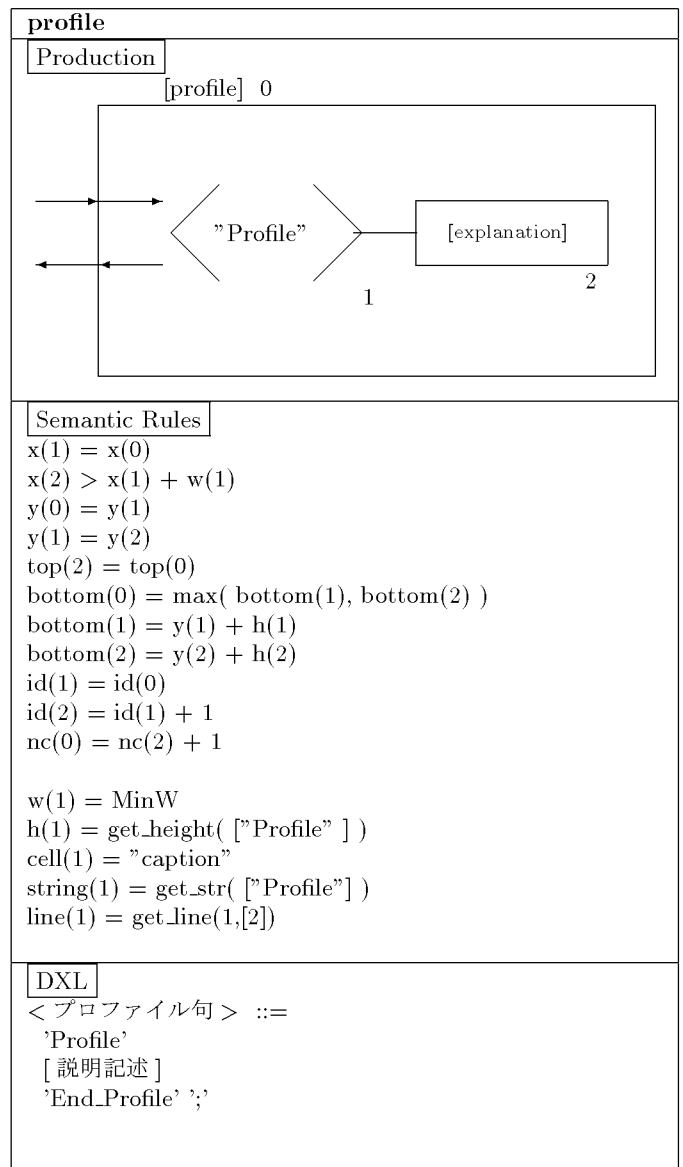
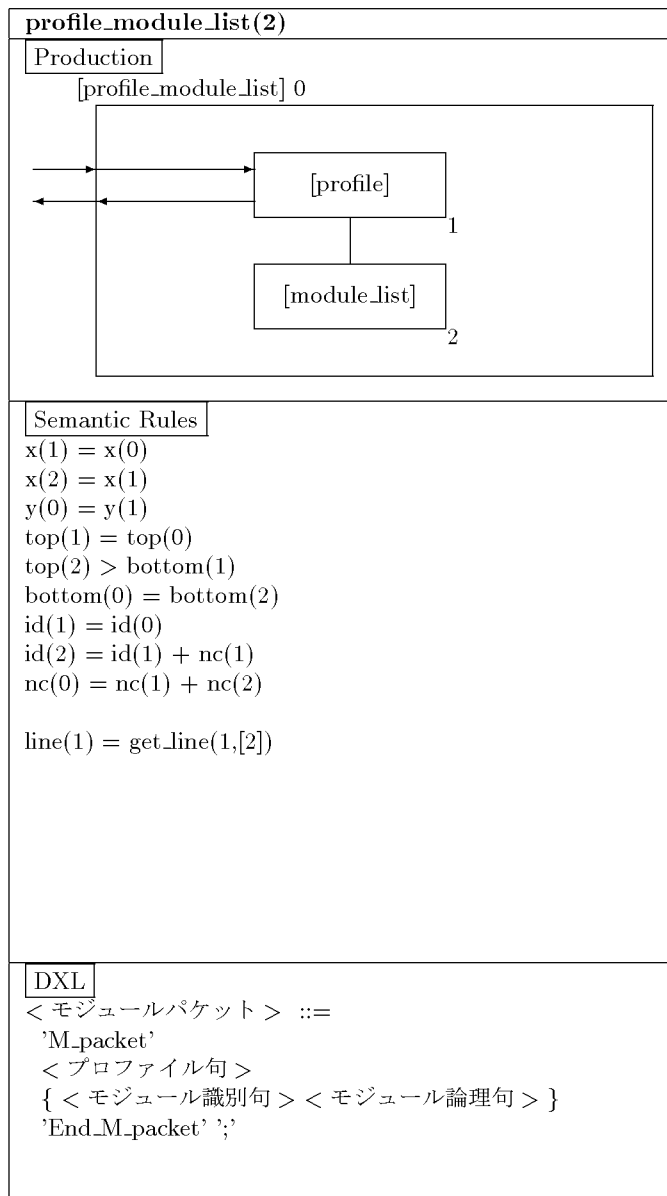
## 2.DXL 対応 Hichart 生成規則一覧

DXL – Production Rule – 01

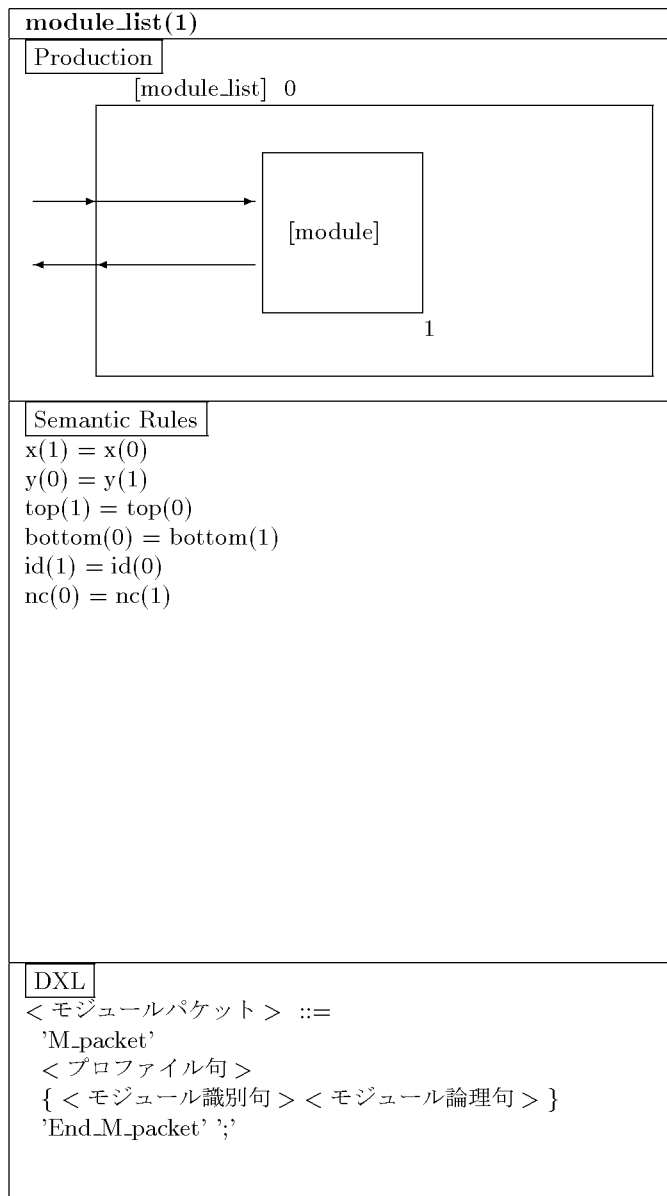


DXL – Production Rule – 02

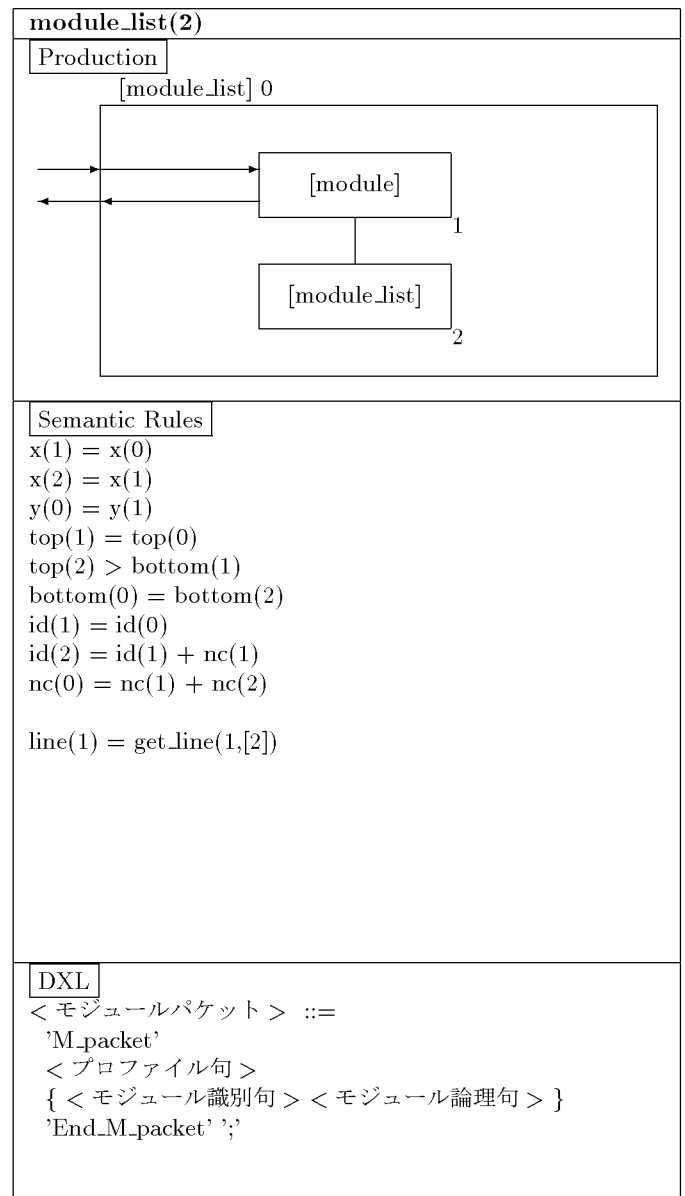


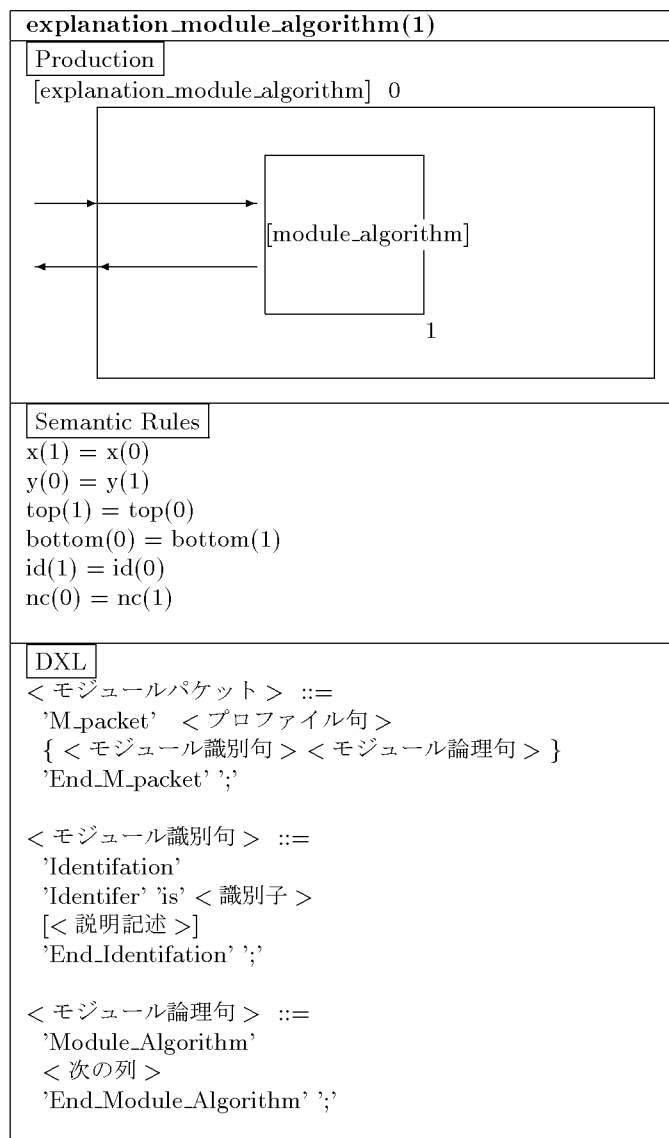
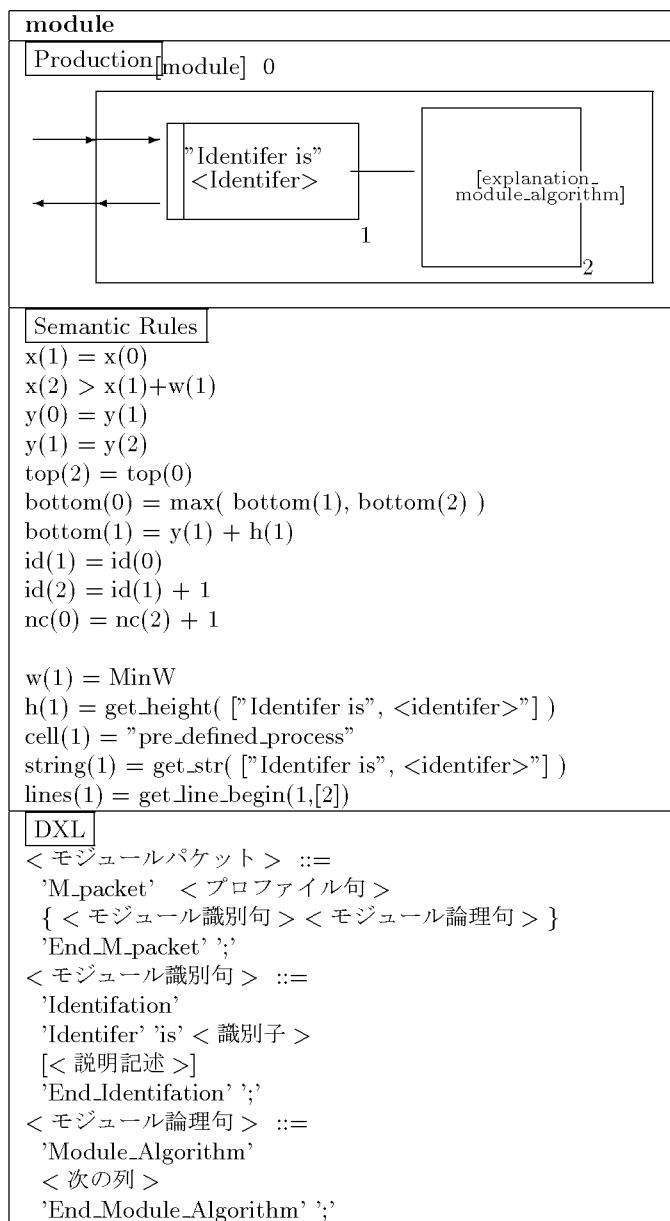


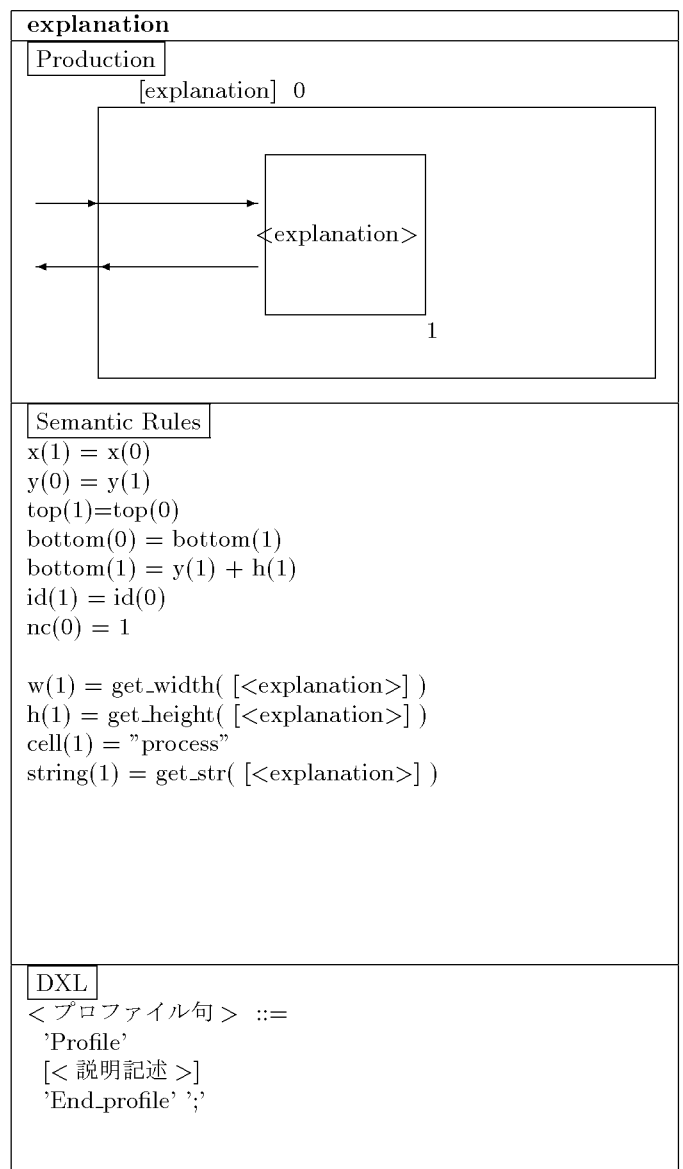
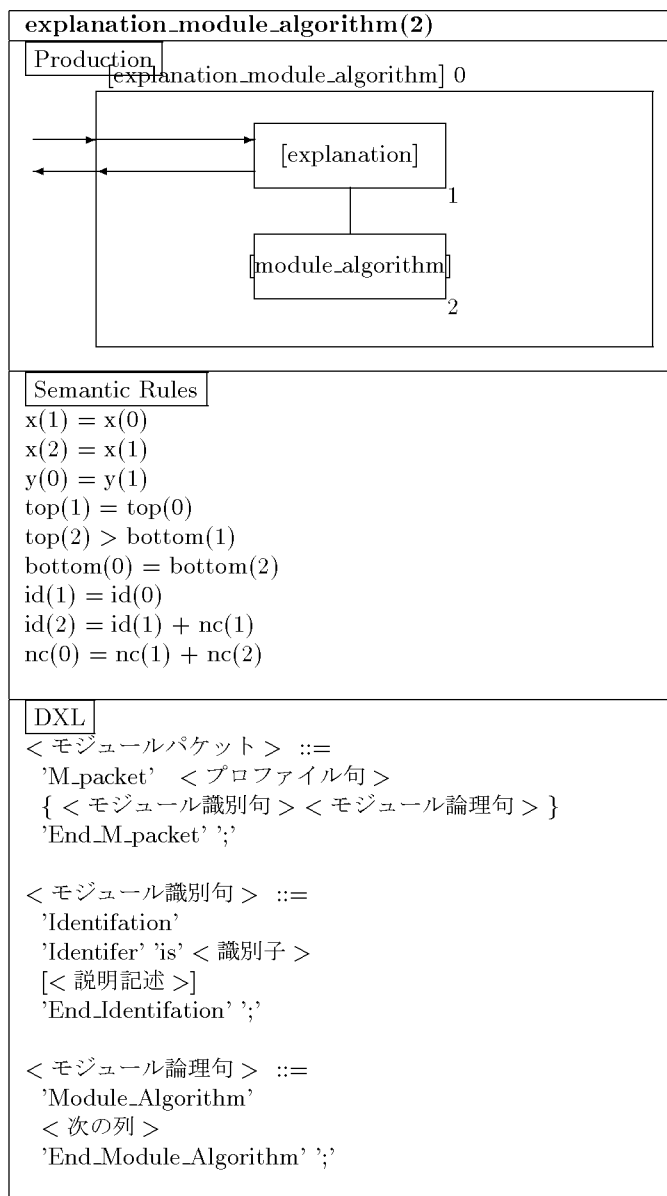
DXL – Production Rule – 05



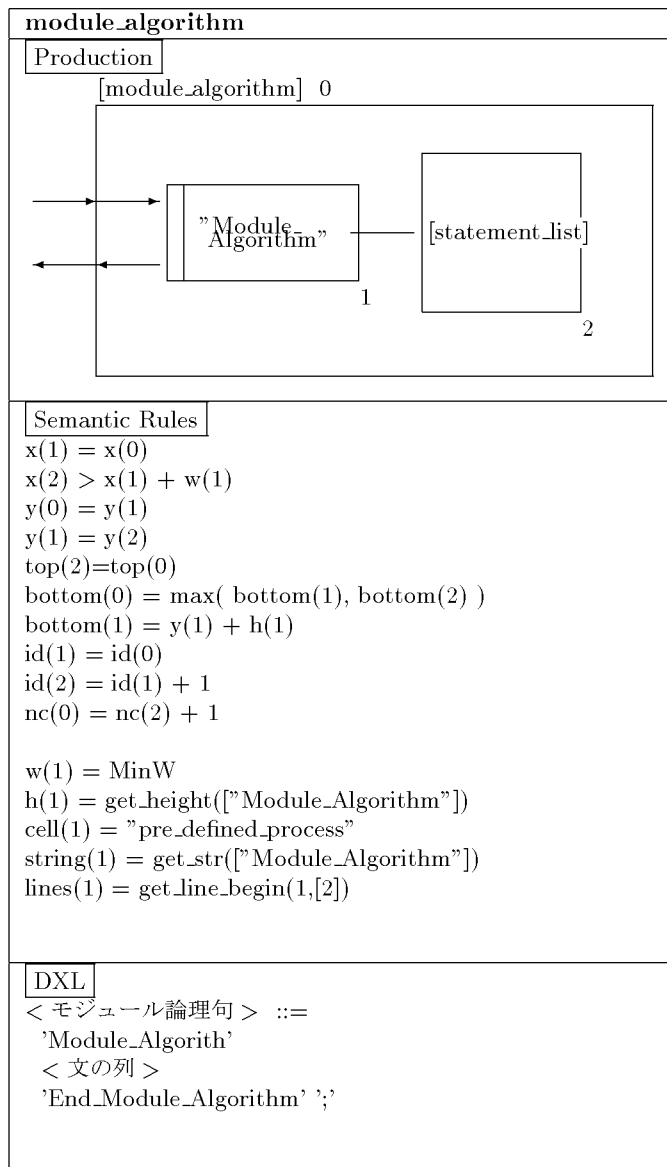
DXL – Production Rule – 06



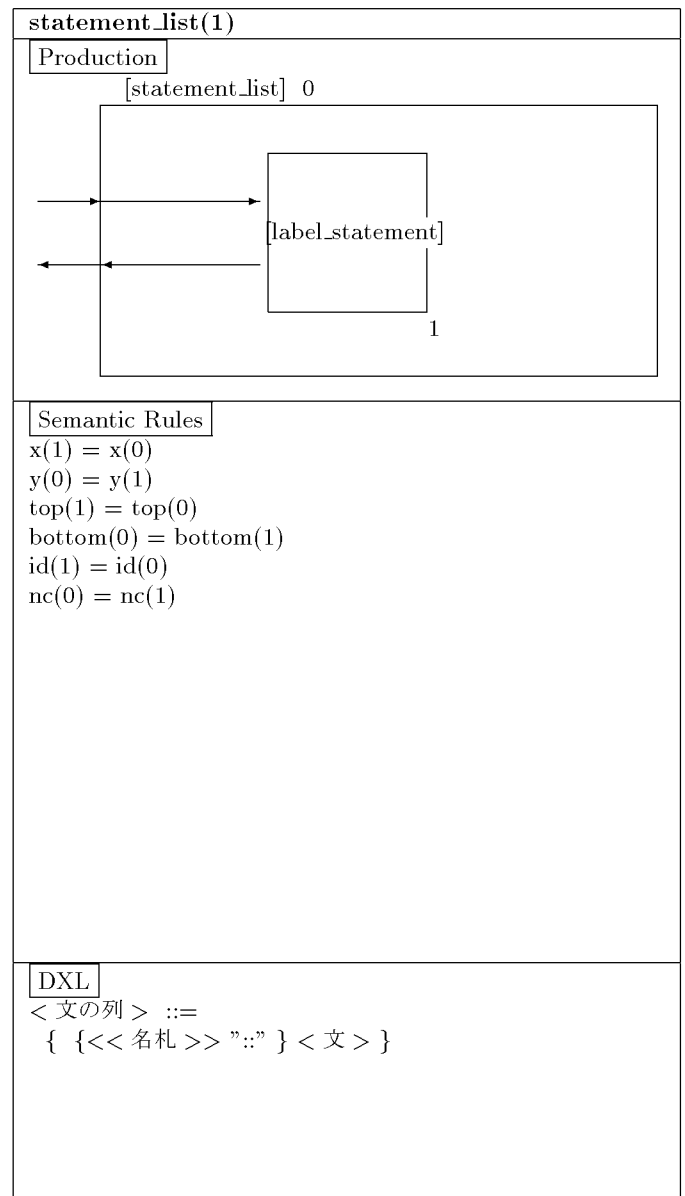




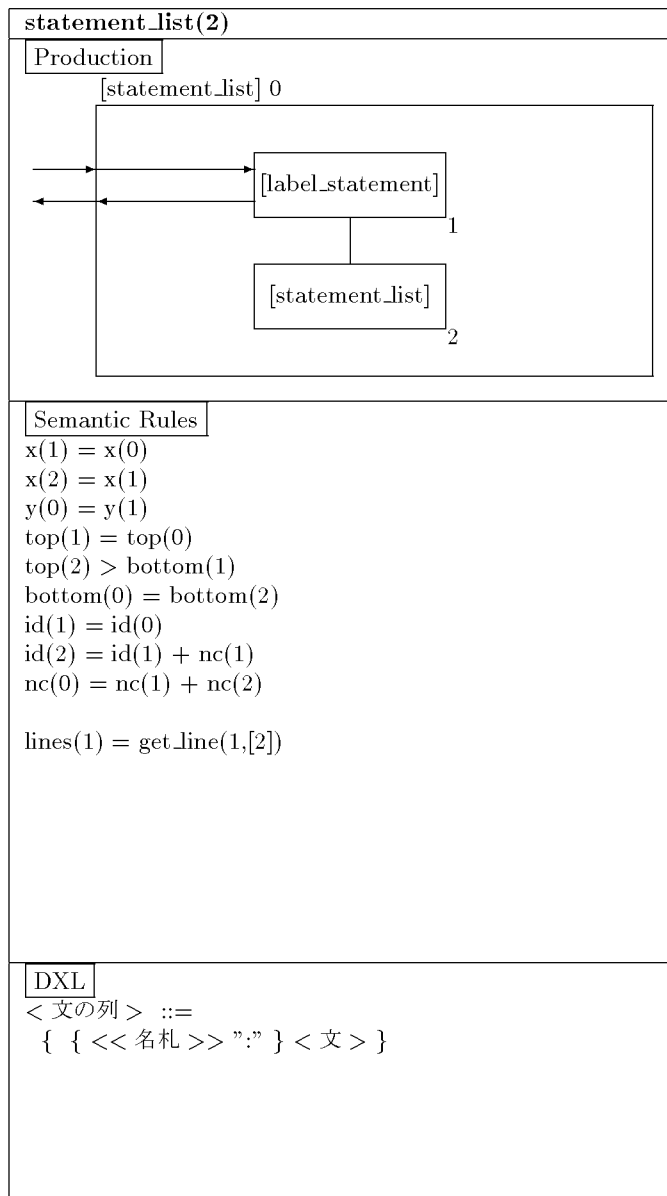
DXL – Production Rule – 11



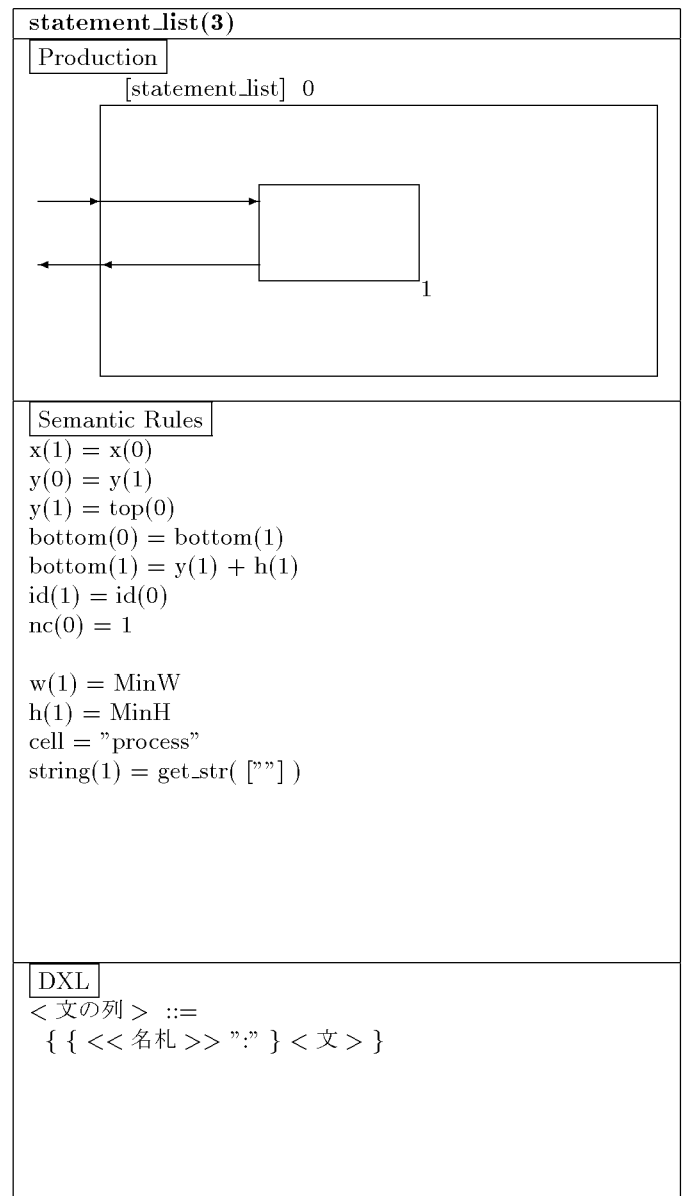
DXL – Production Rule – 12



DXL – Production Rule – 13

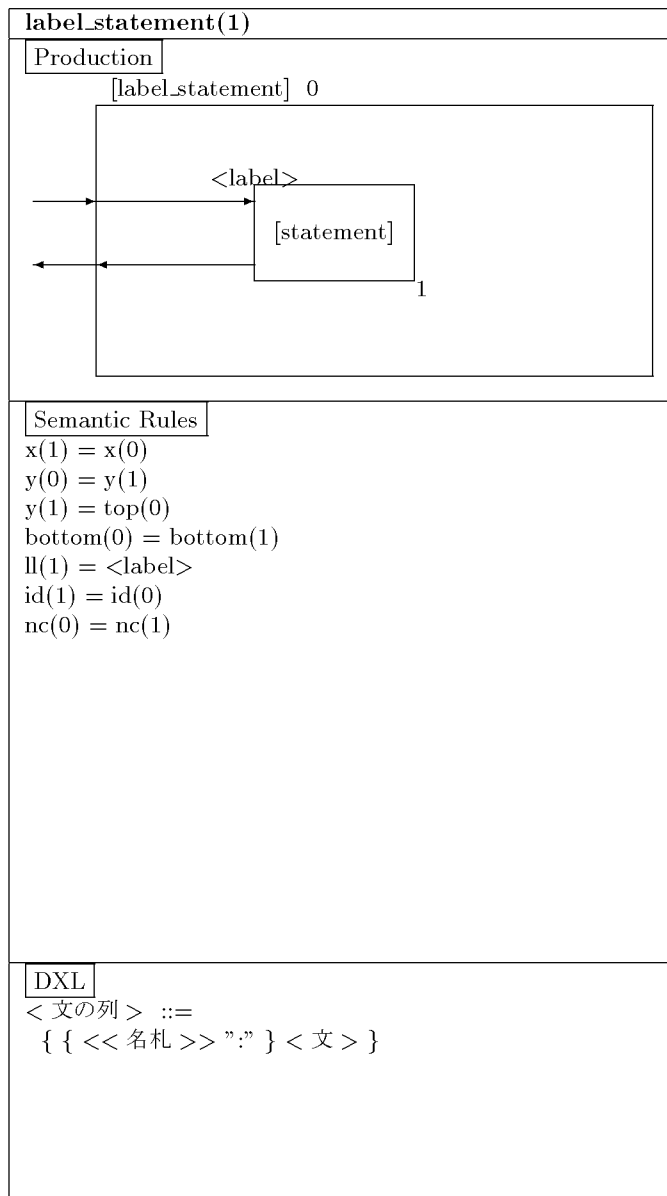


DXL – Production Rule – 14

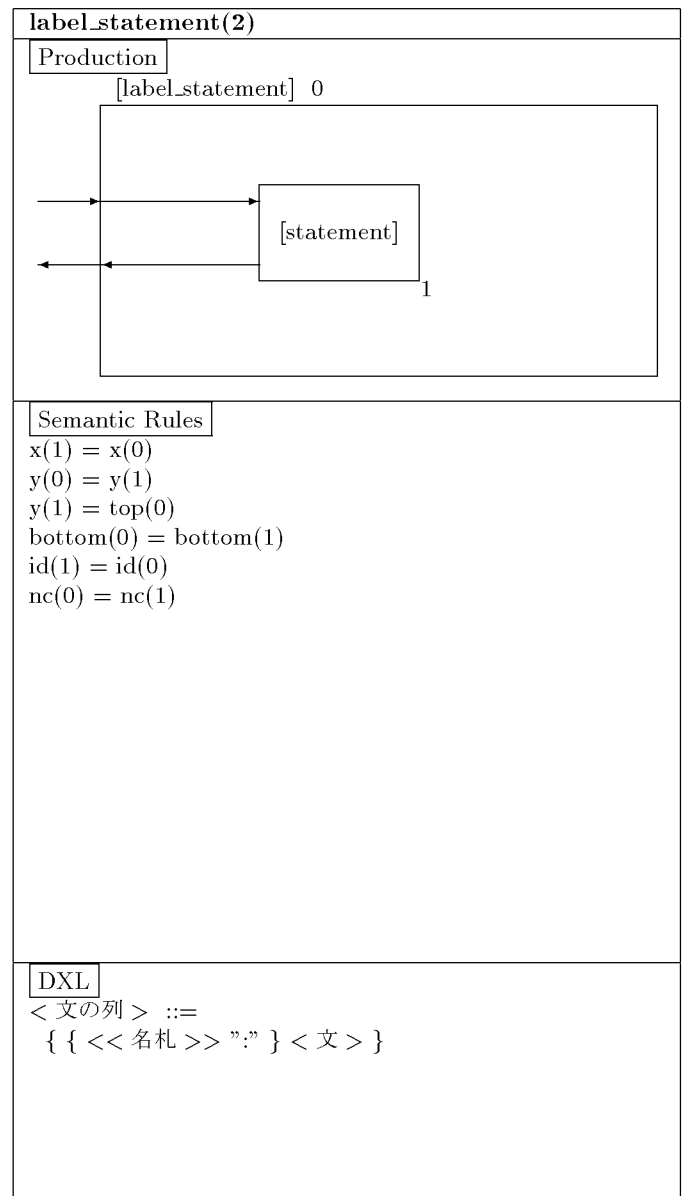




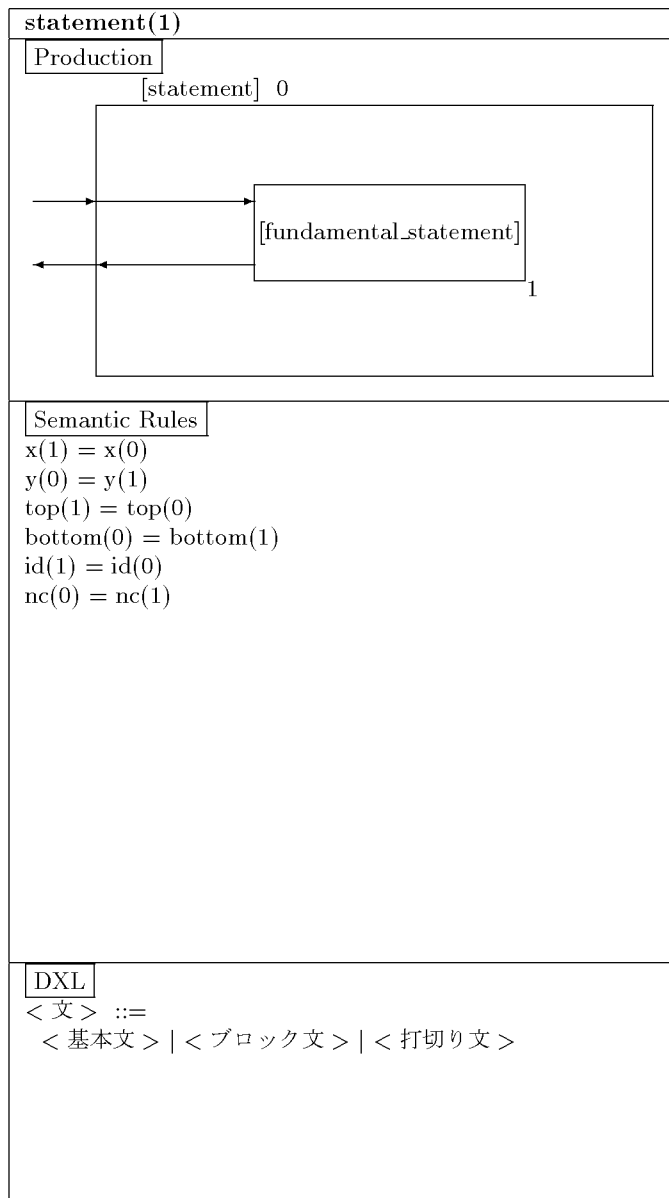
DXL – Production Rule – 15



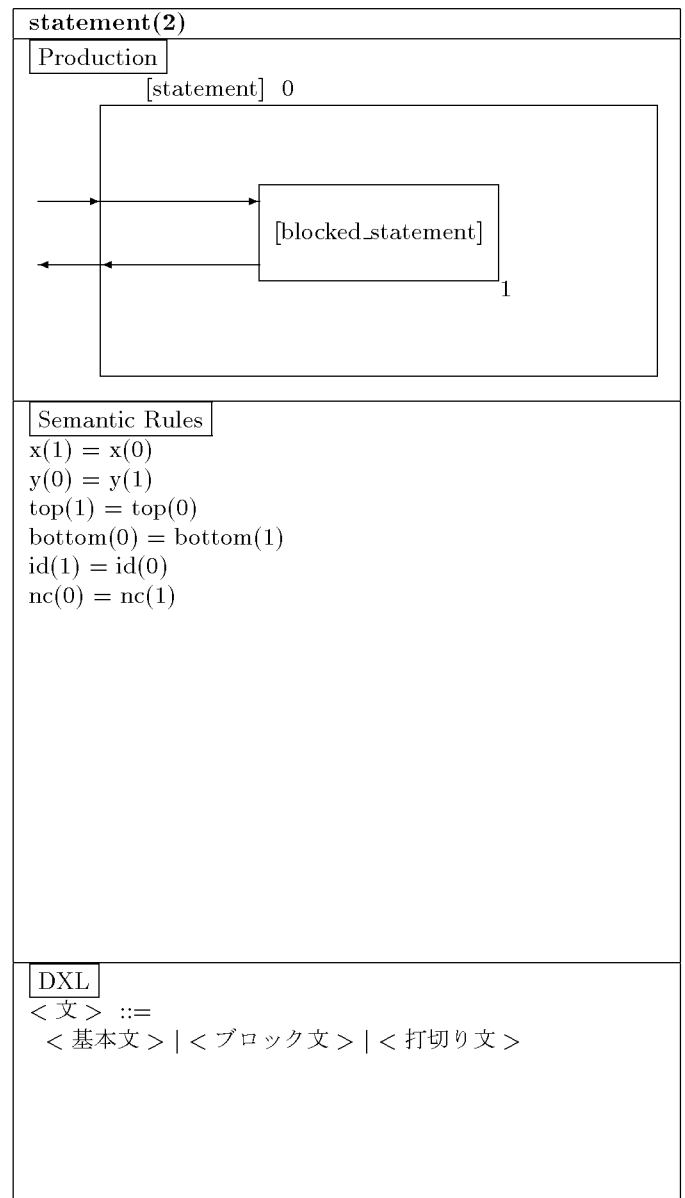
DXL – Production Rule – 16

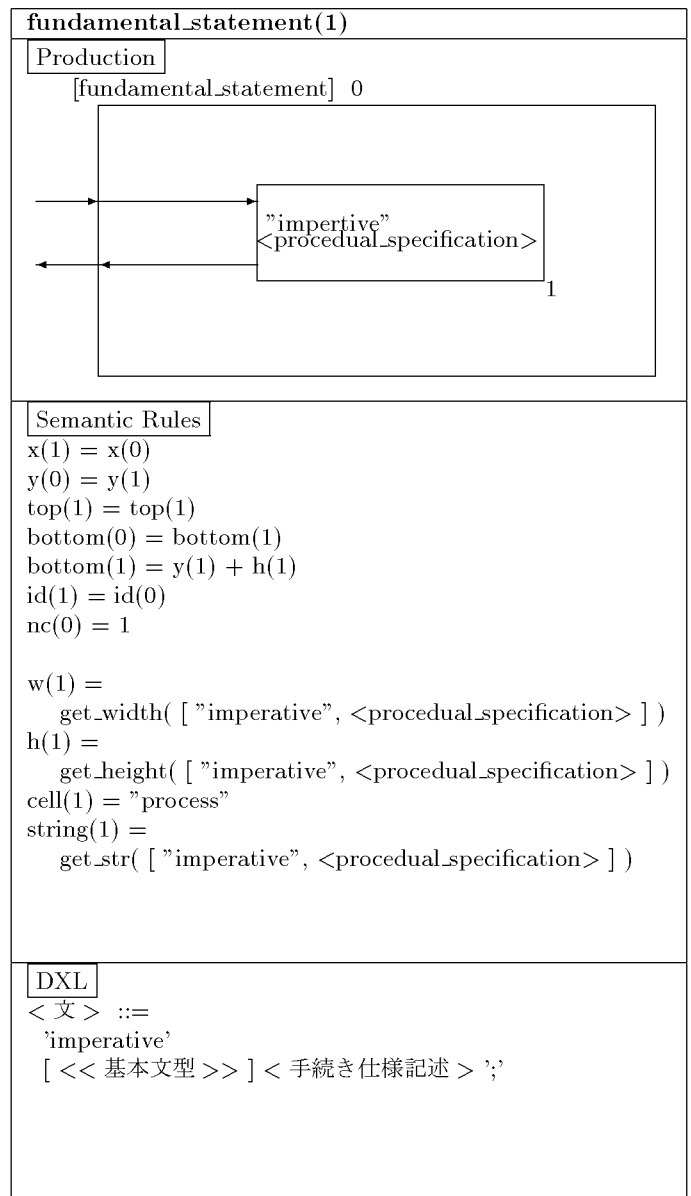
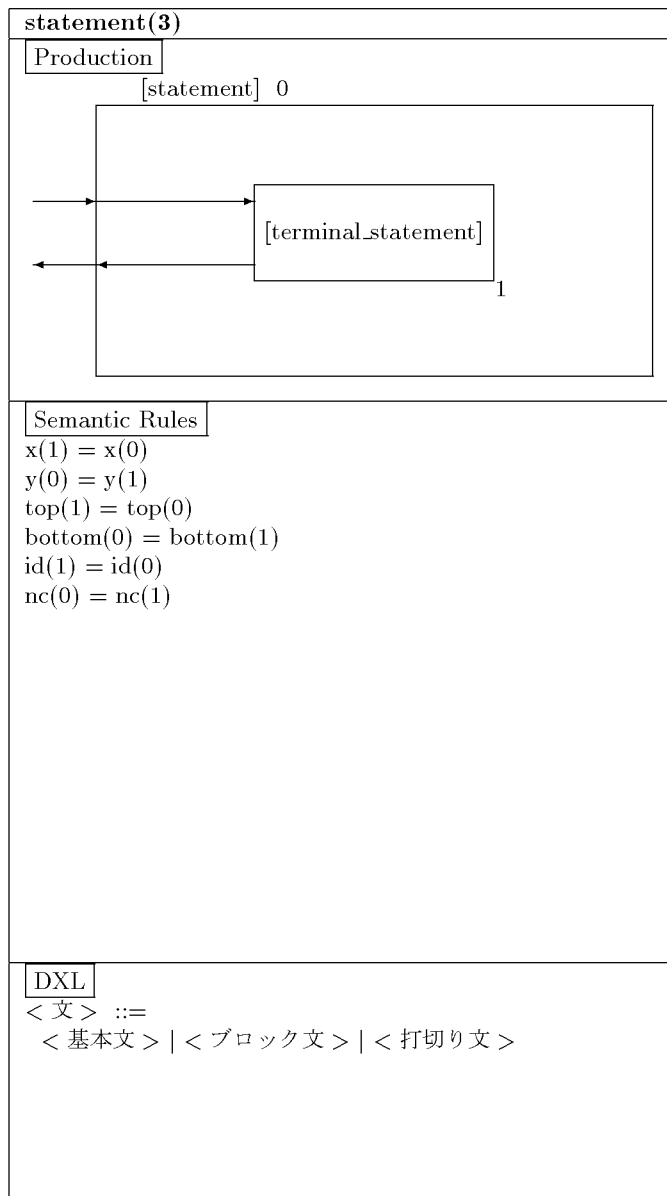


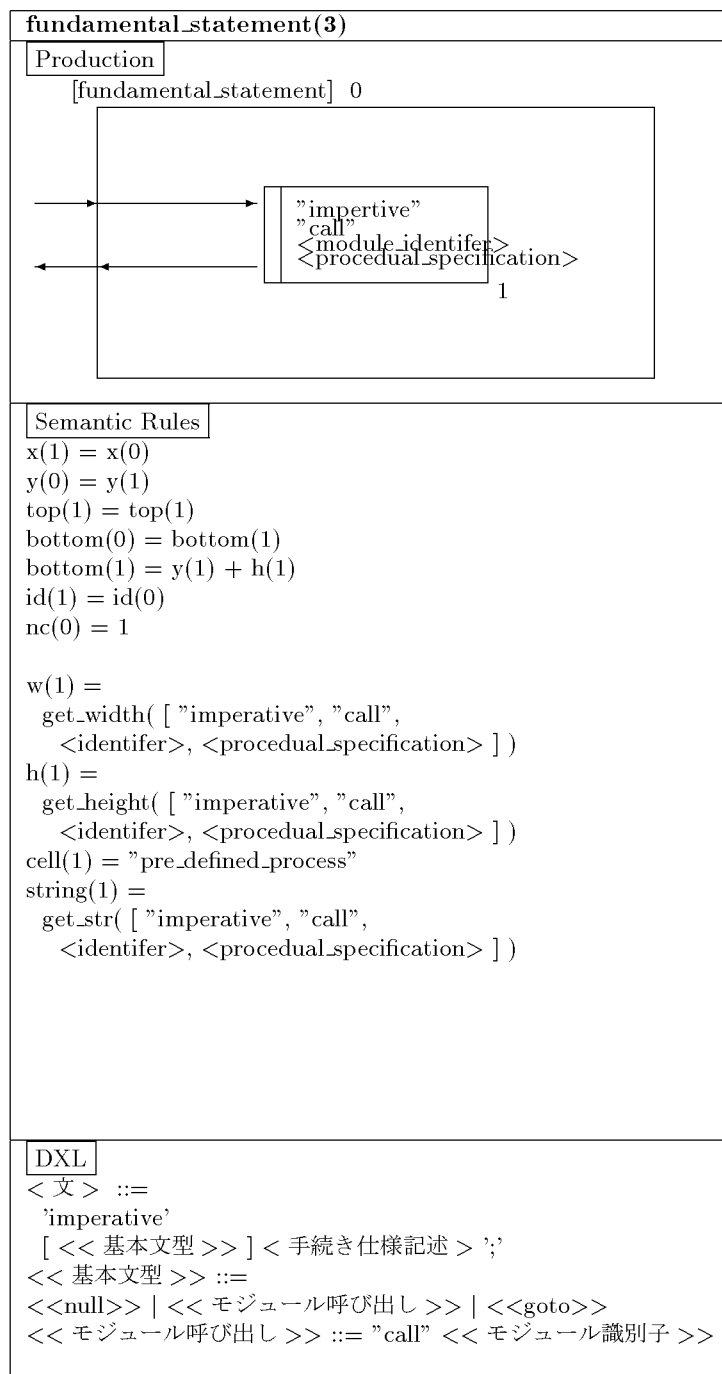
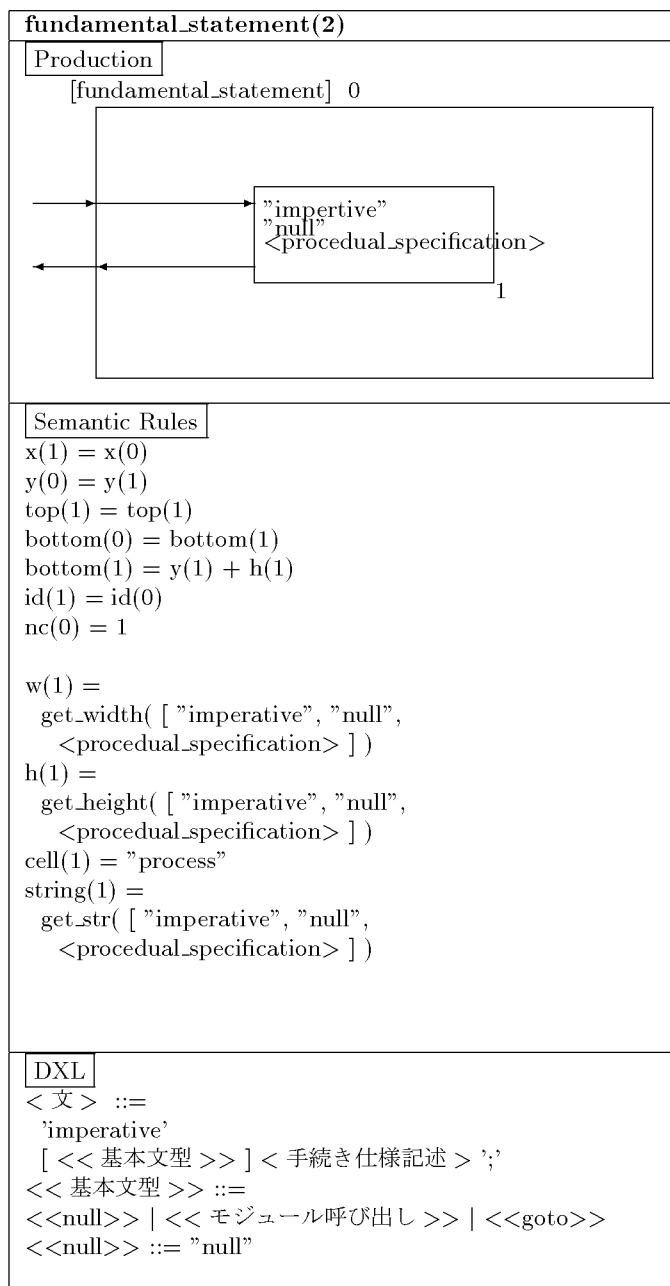
DXL – Production Rule – 17

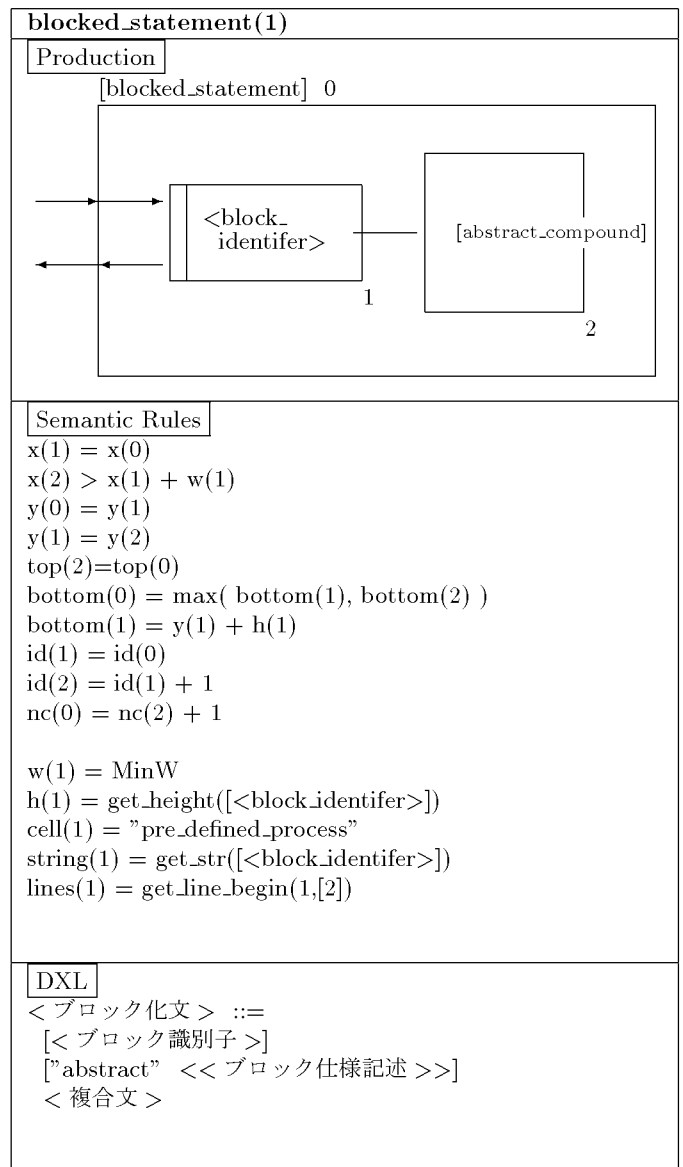
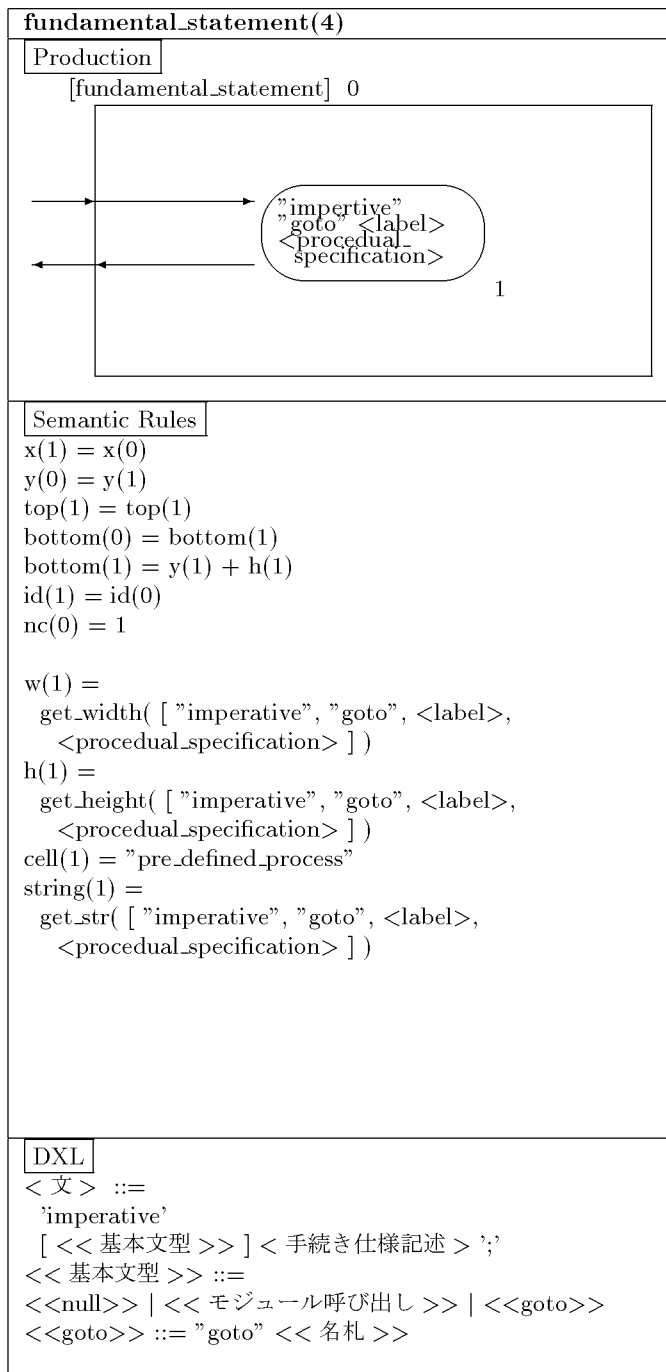


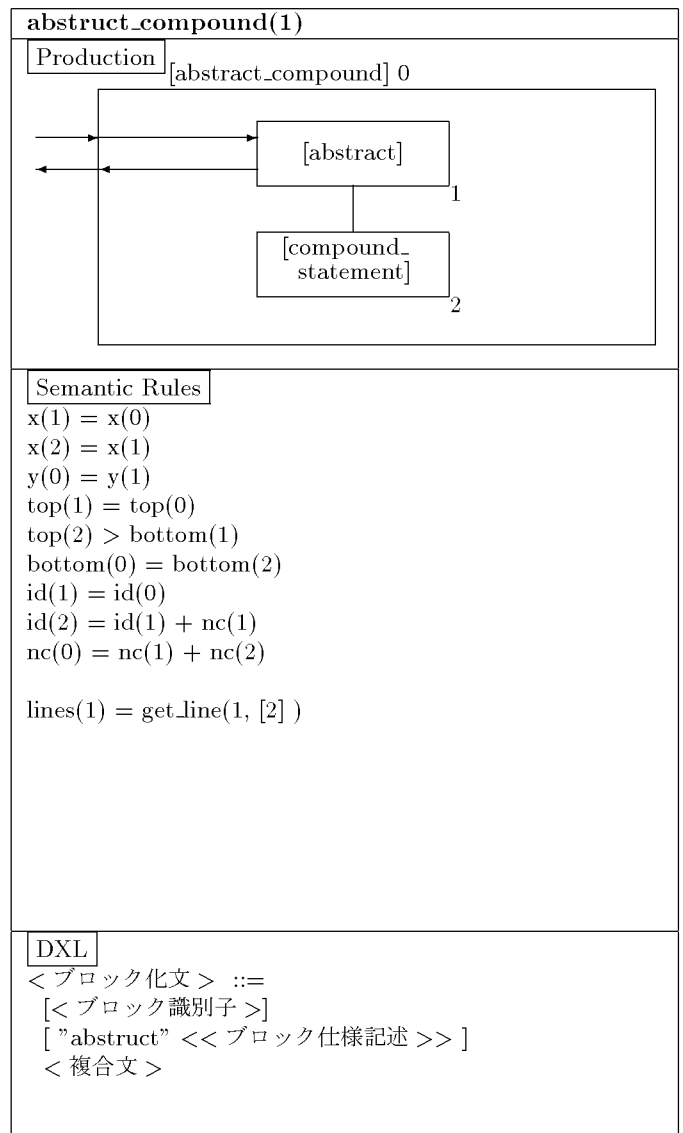
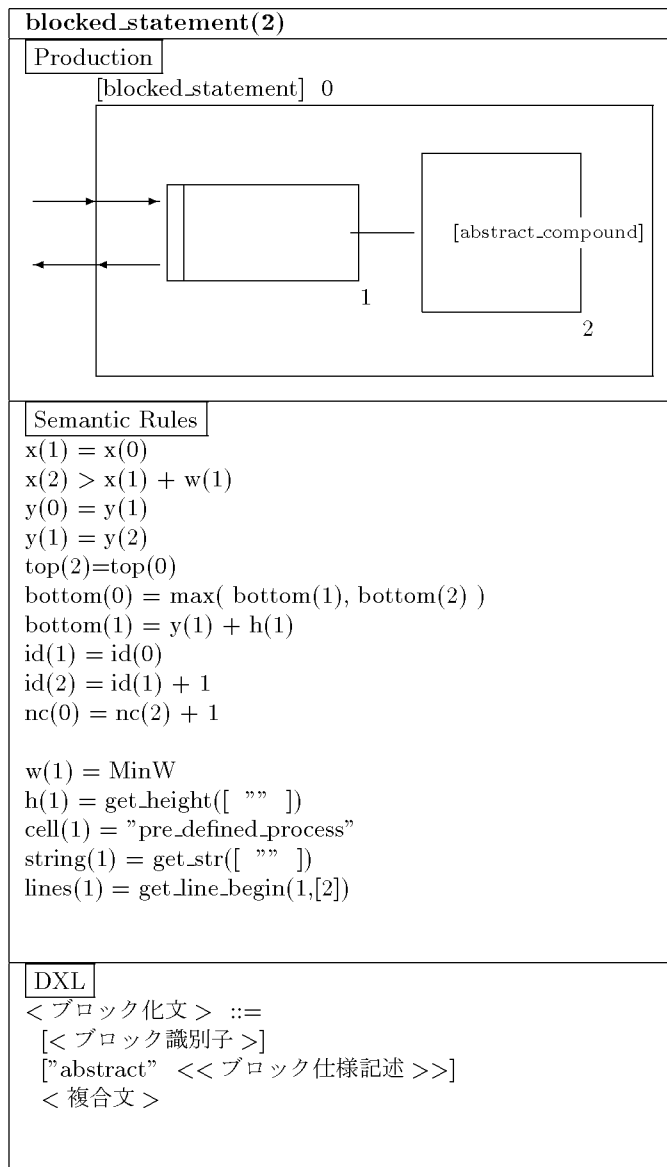
DXL – Production Rule – 18

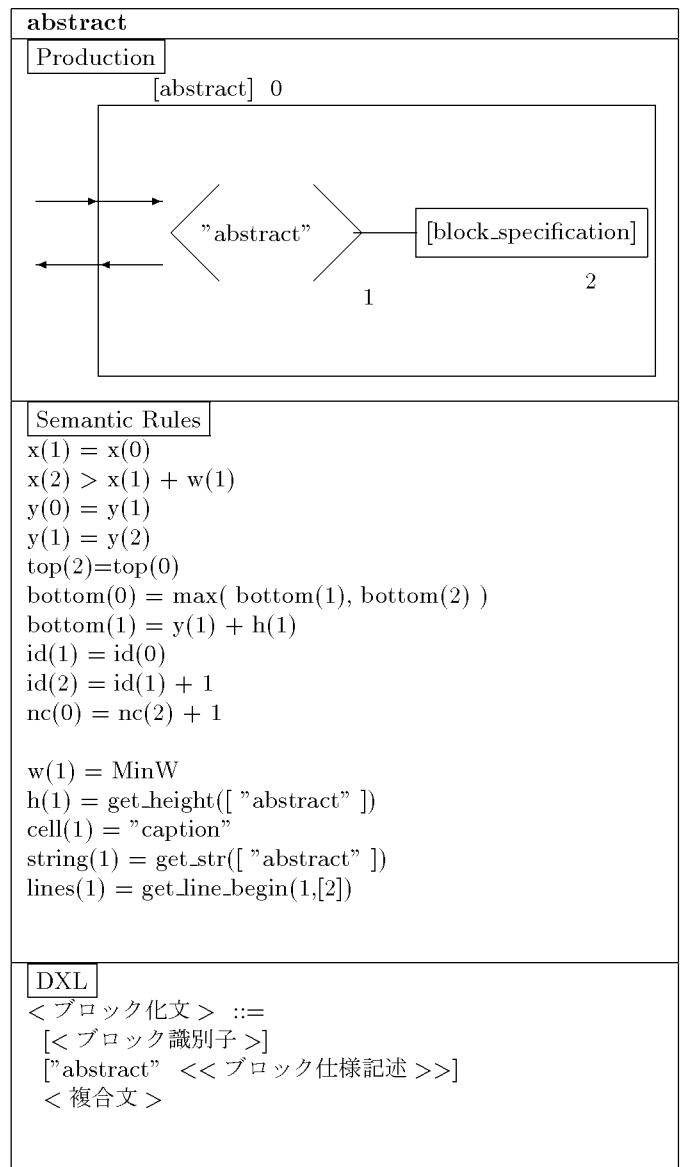
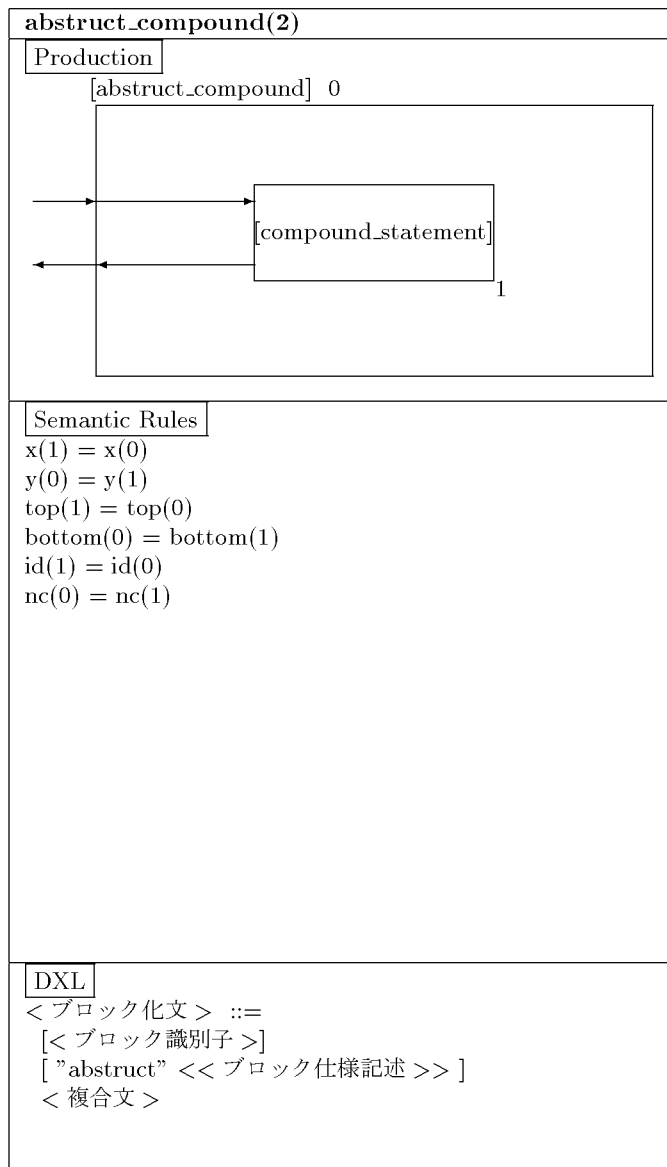


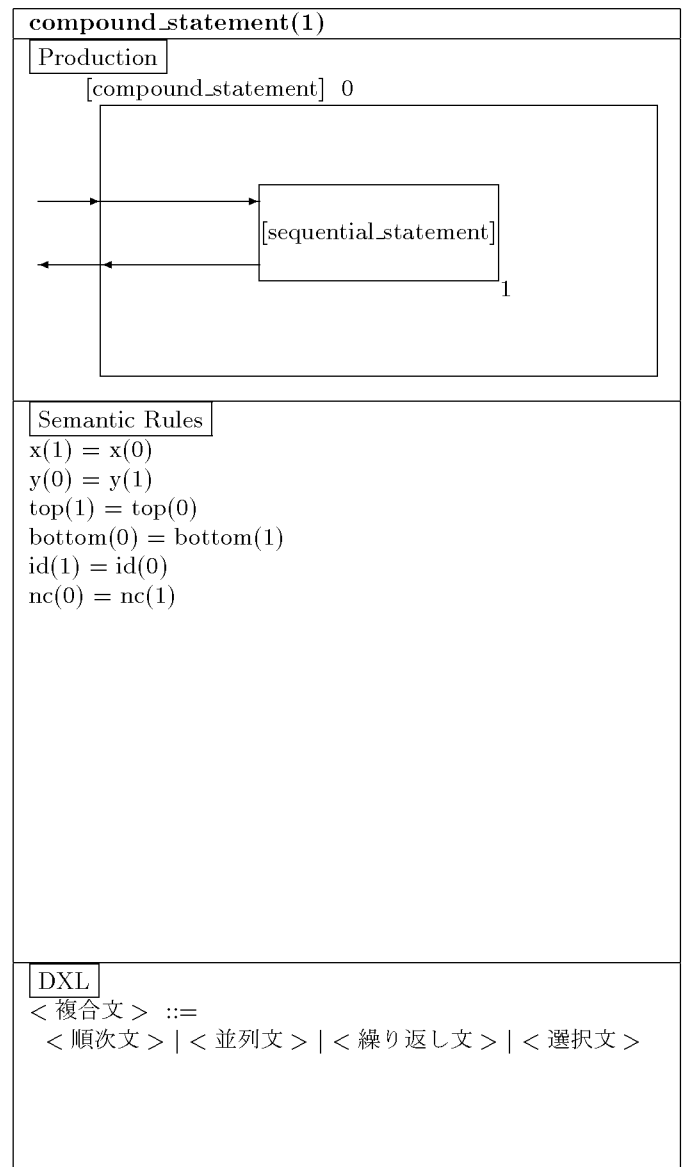
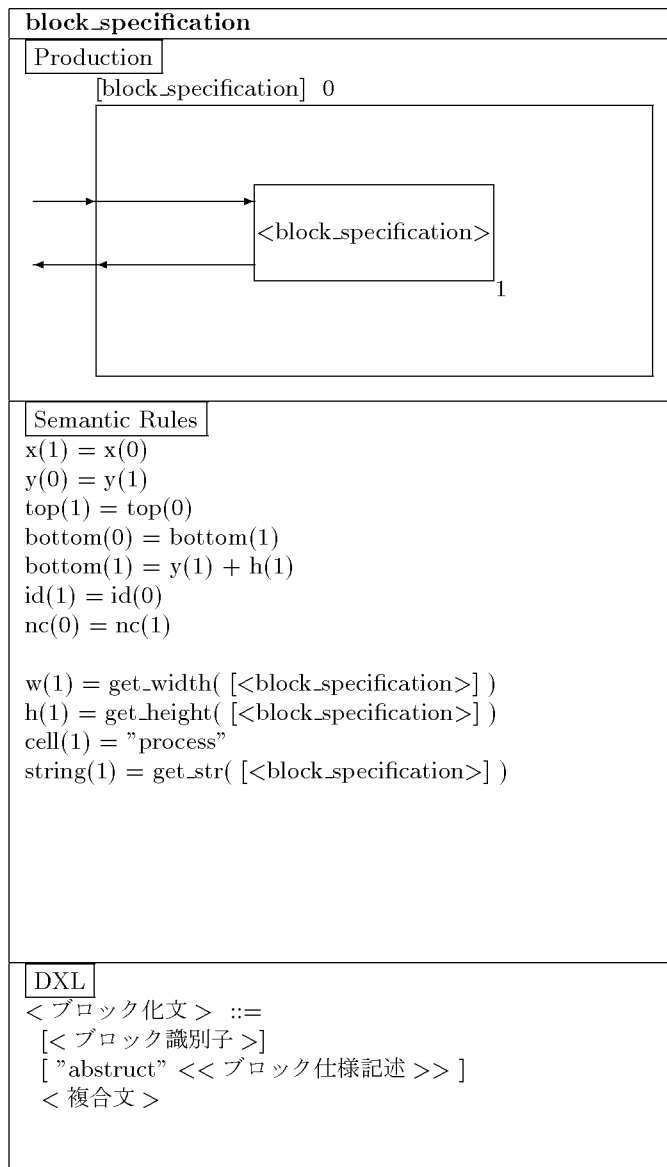






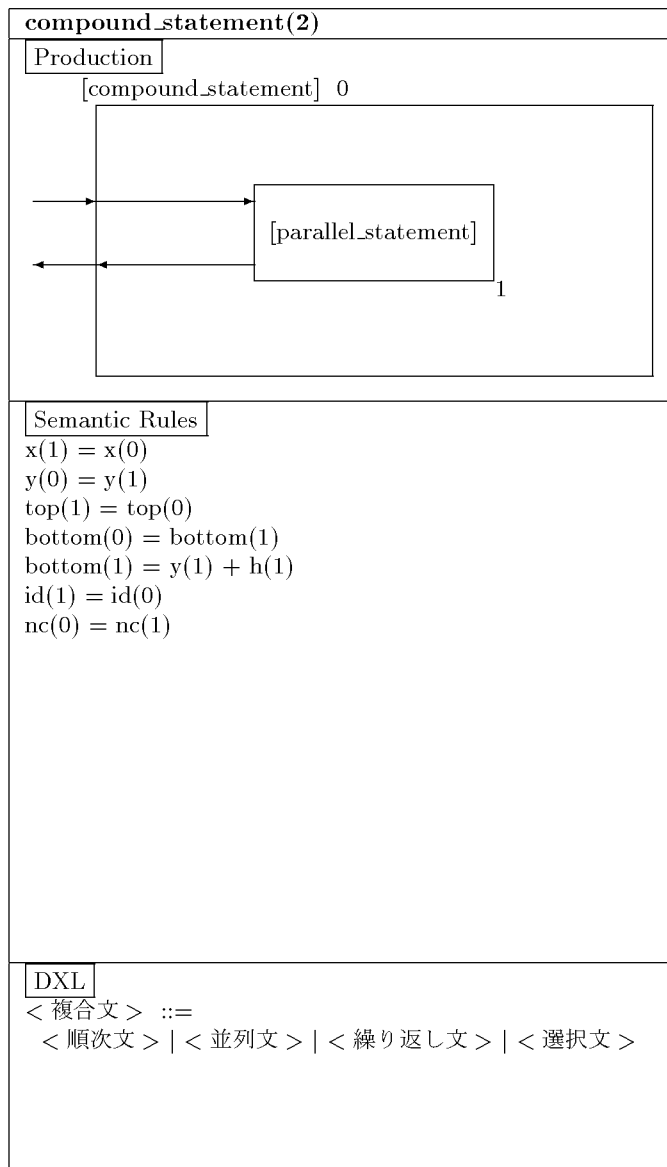




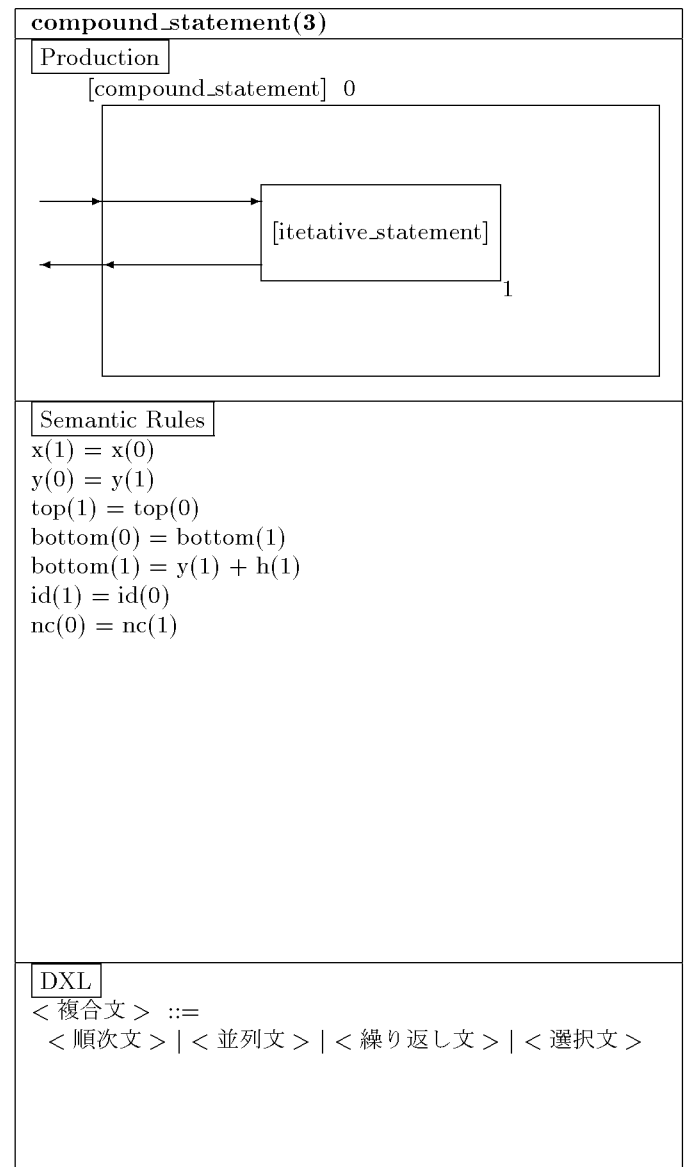


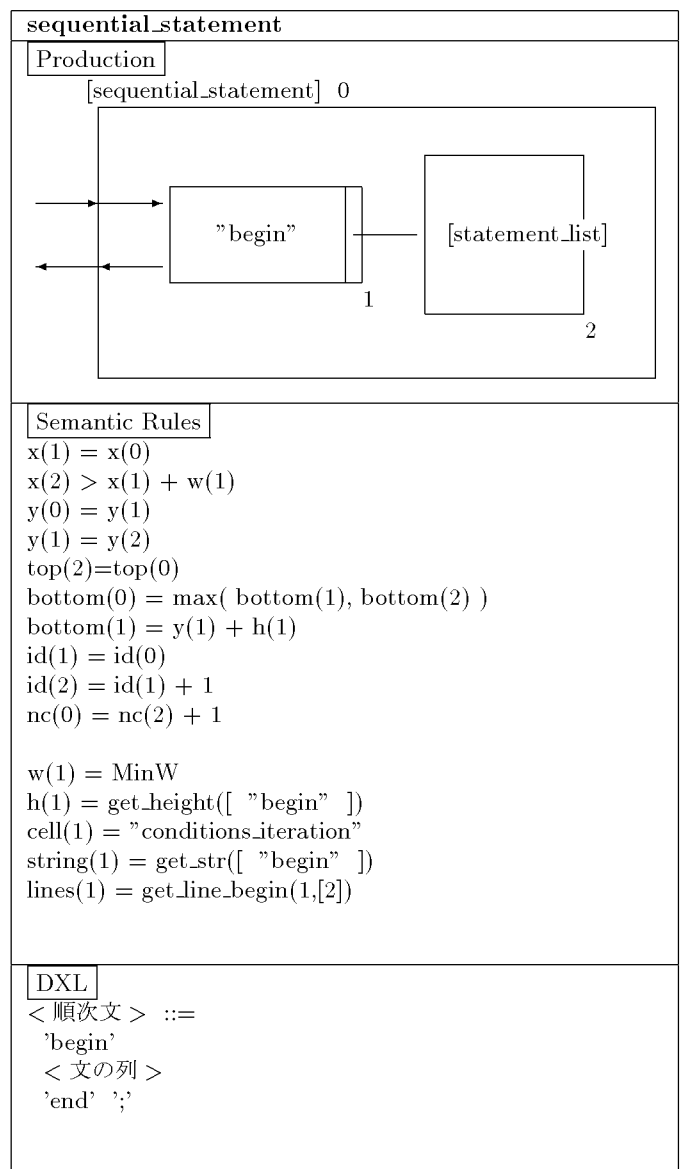
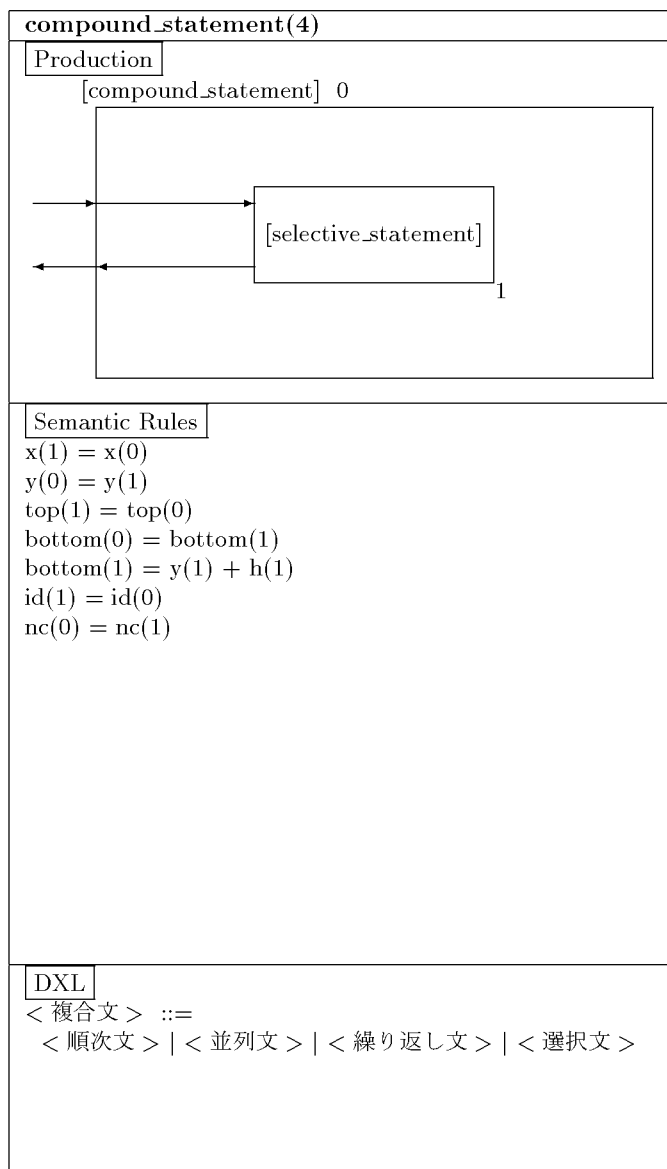


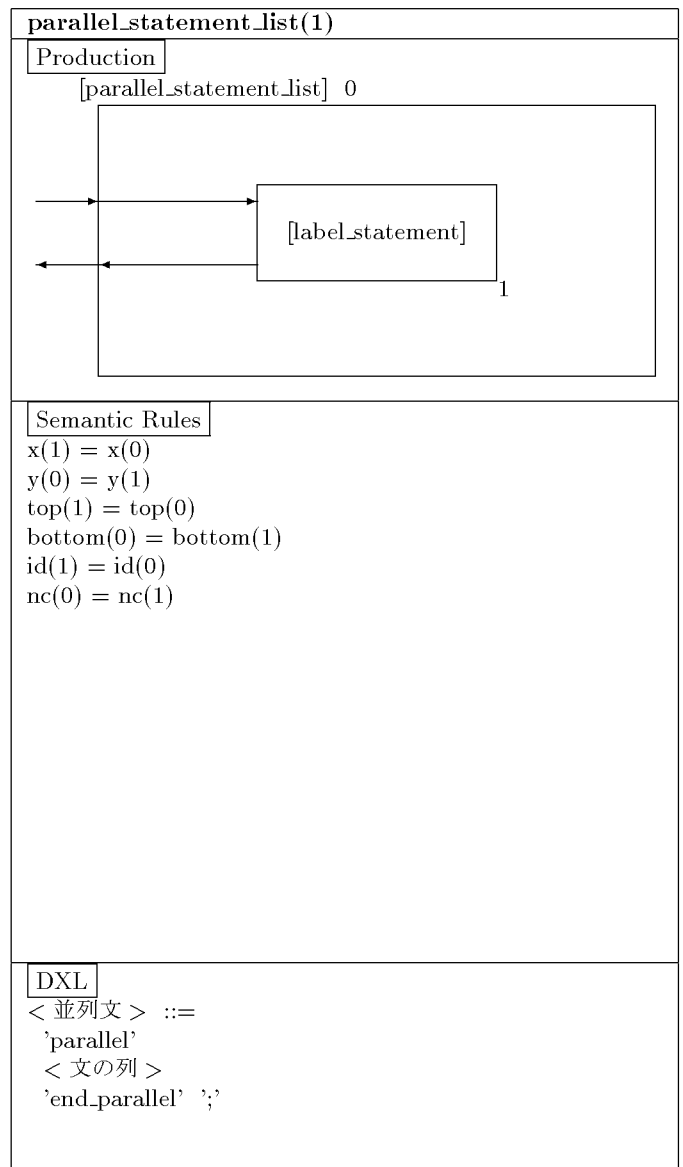
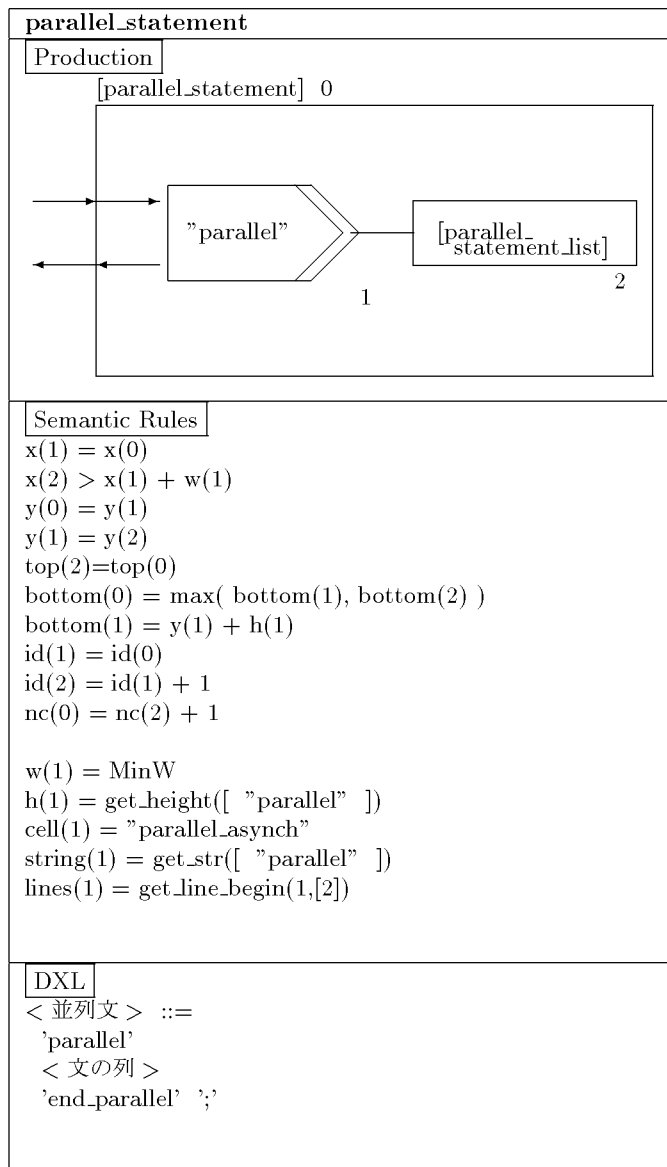
DXL – Production Rule – 31

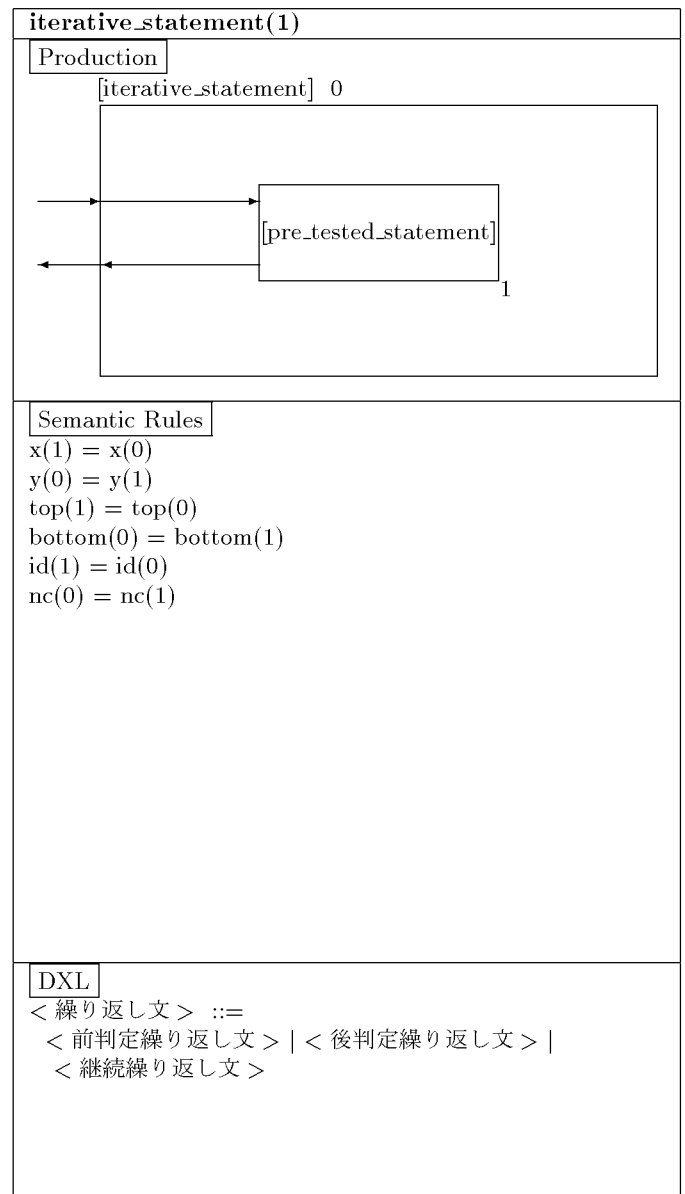
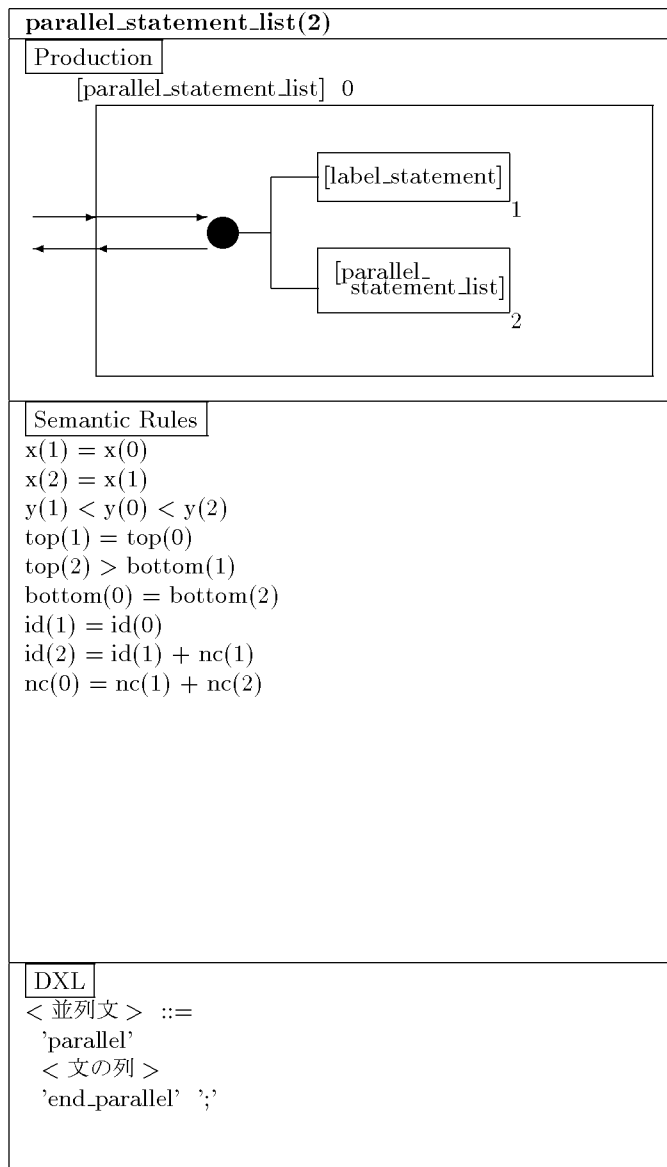


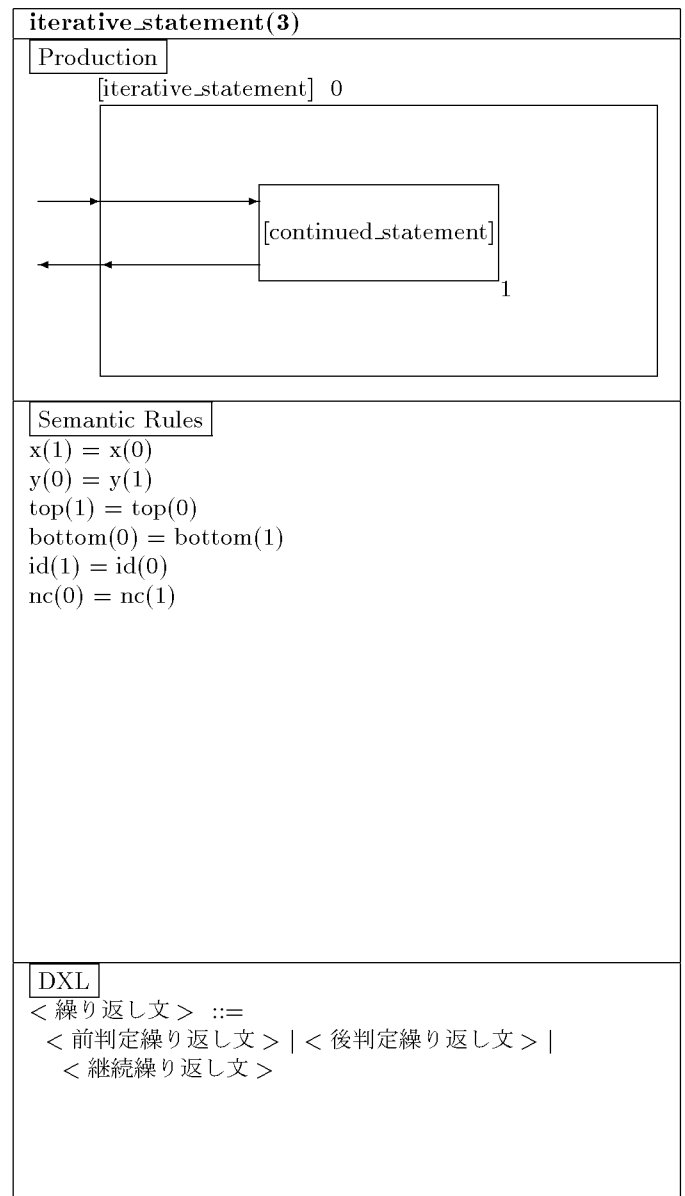
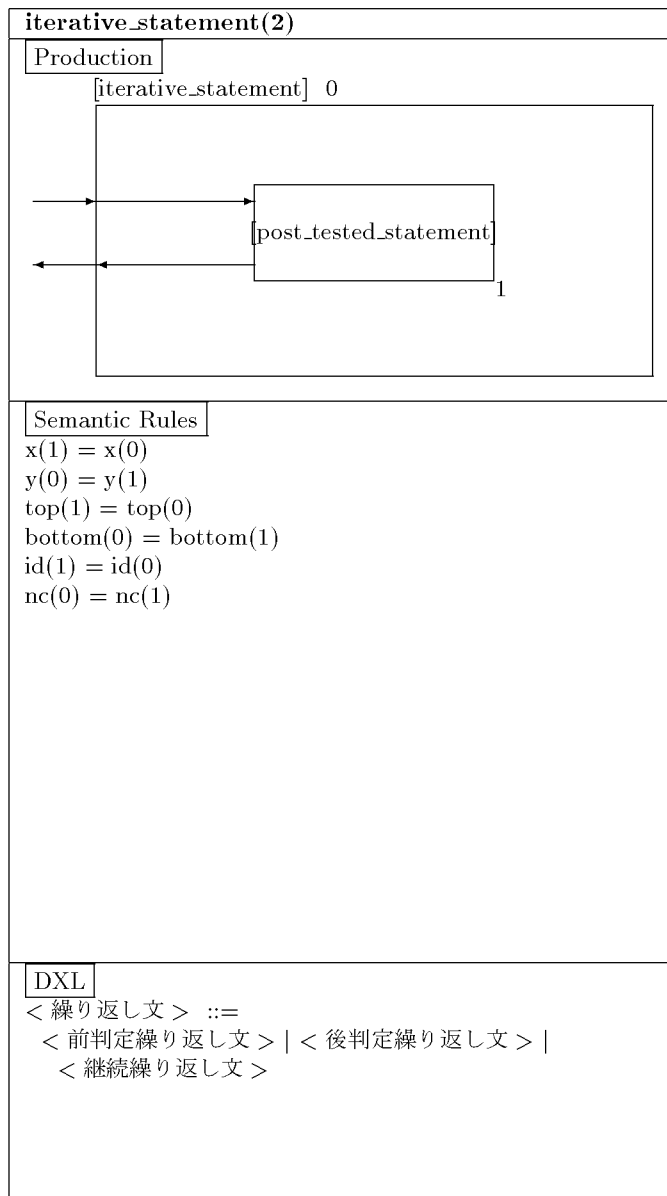
DXL – Production Rule – 32

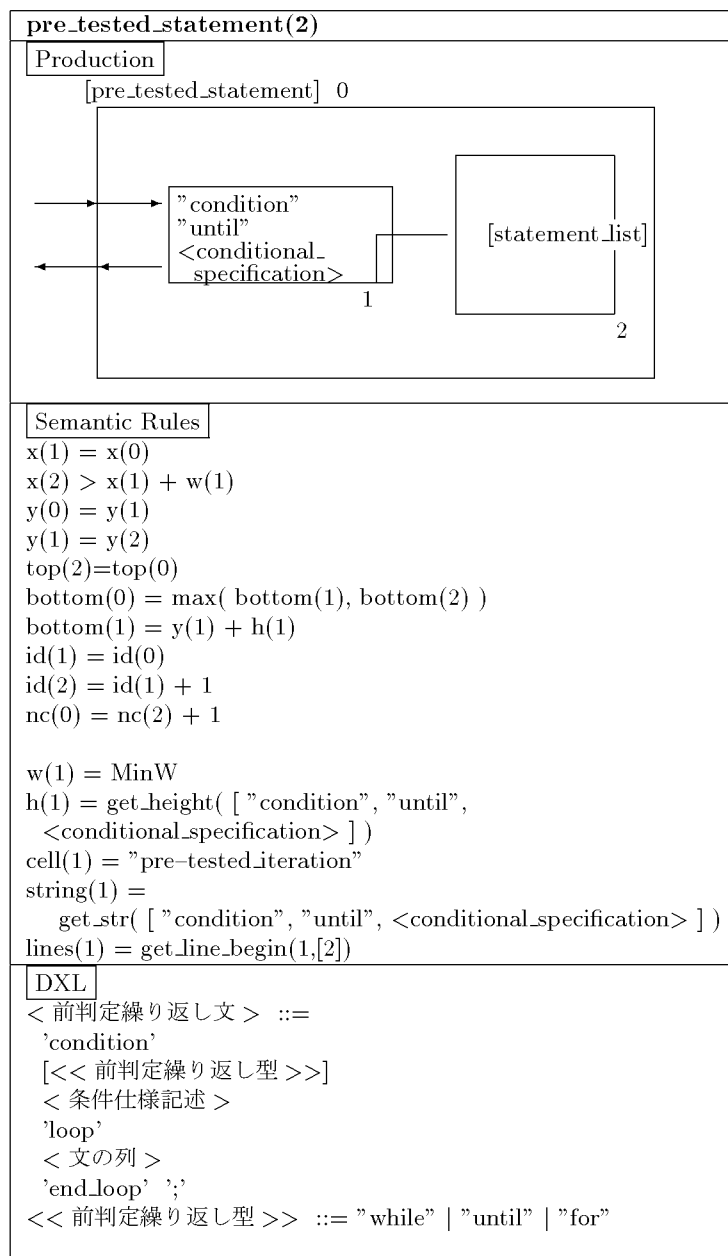
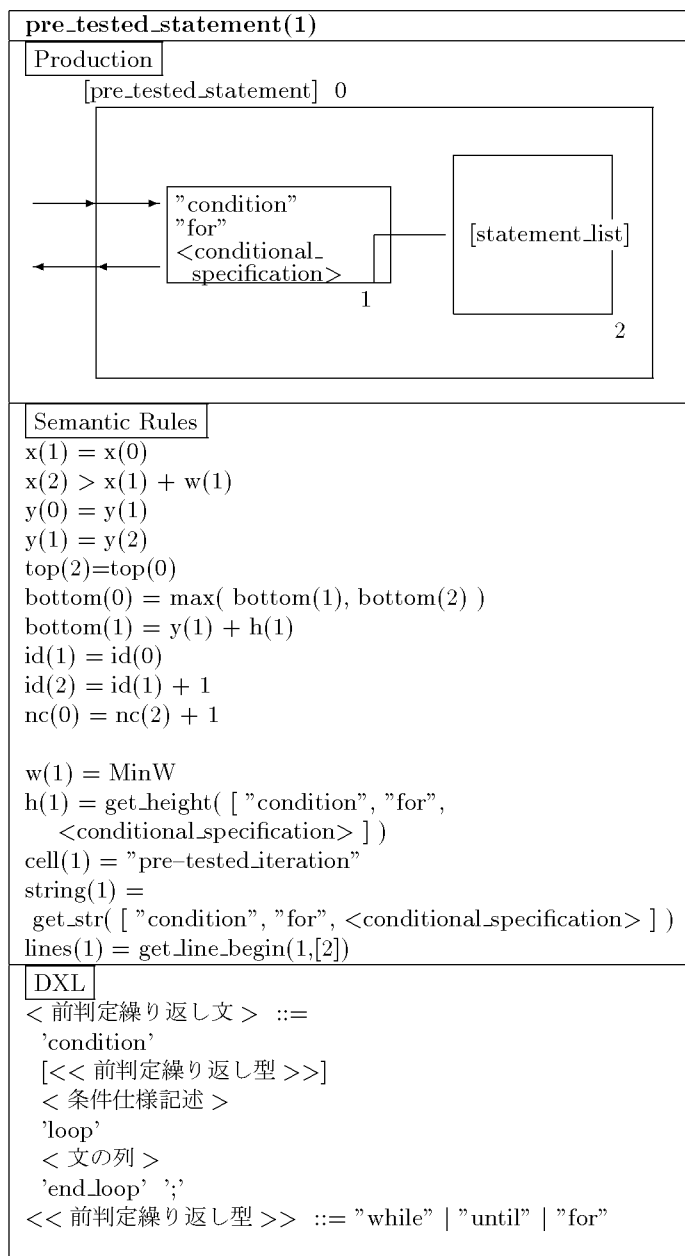


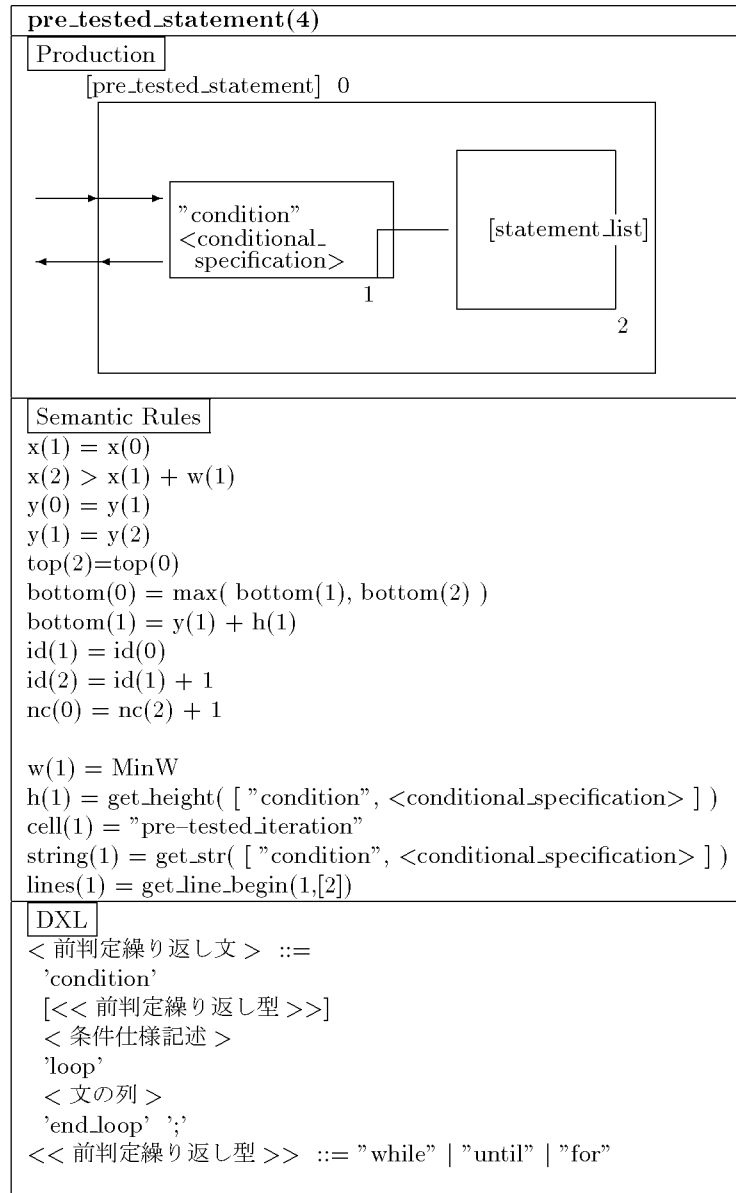
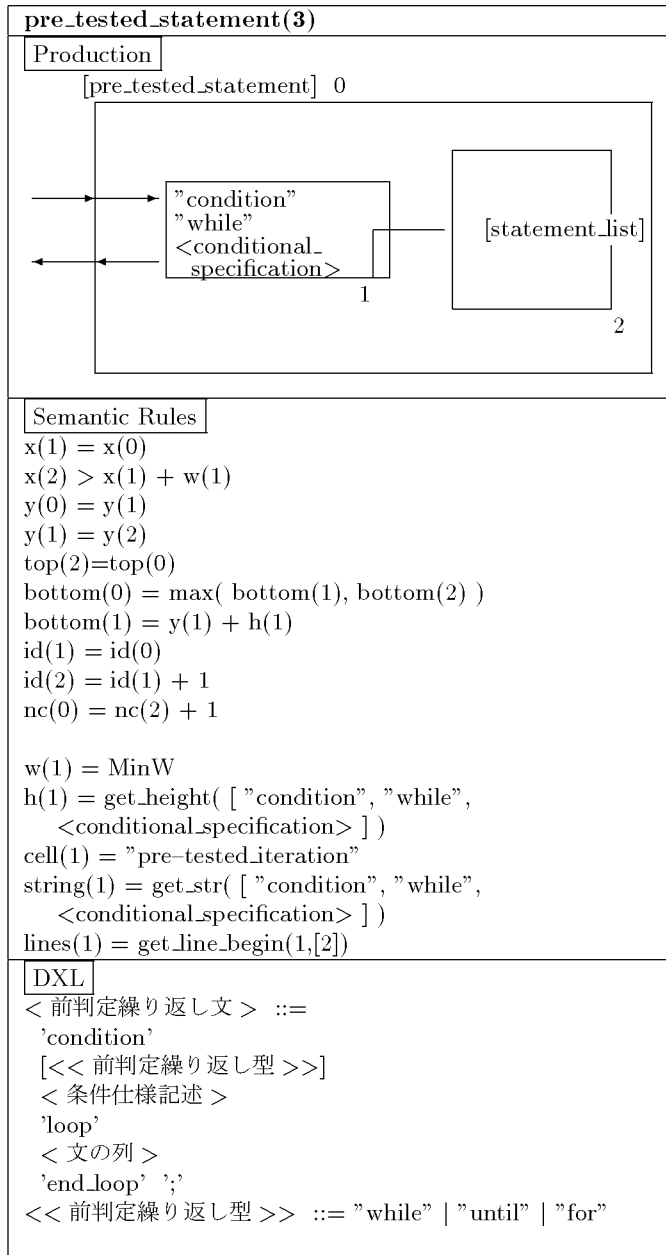


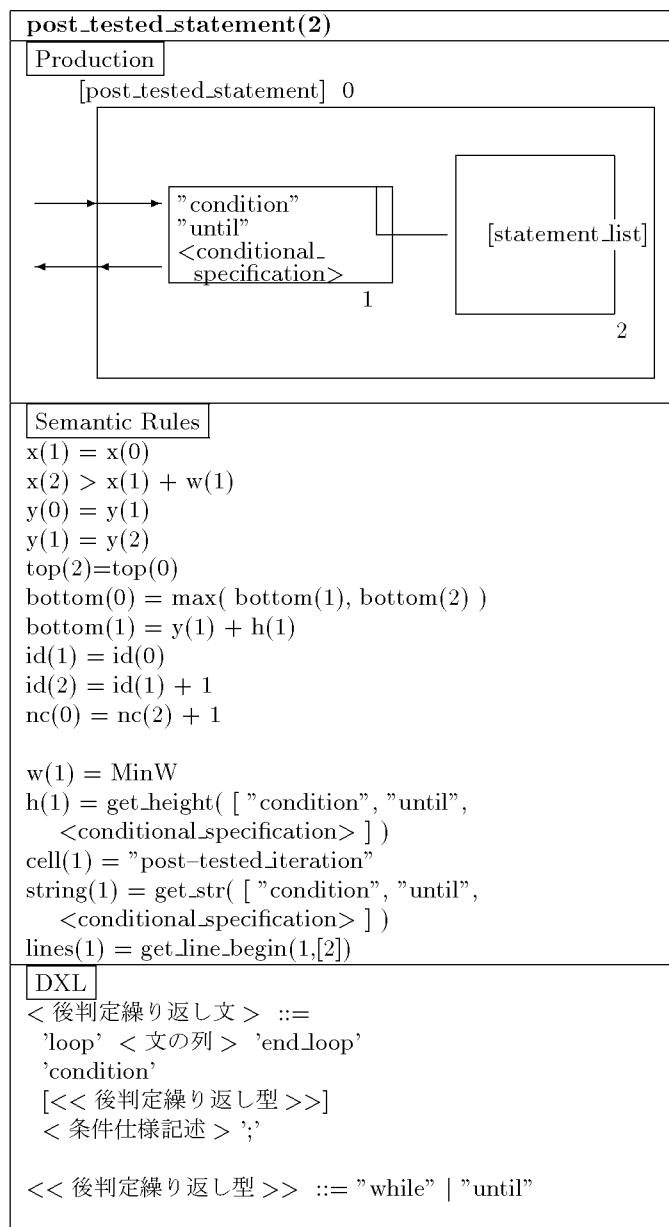
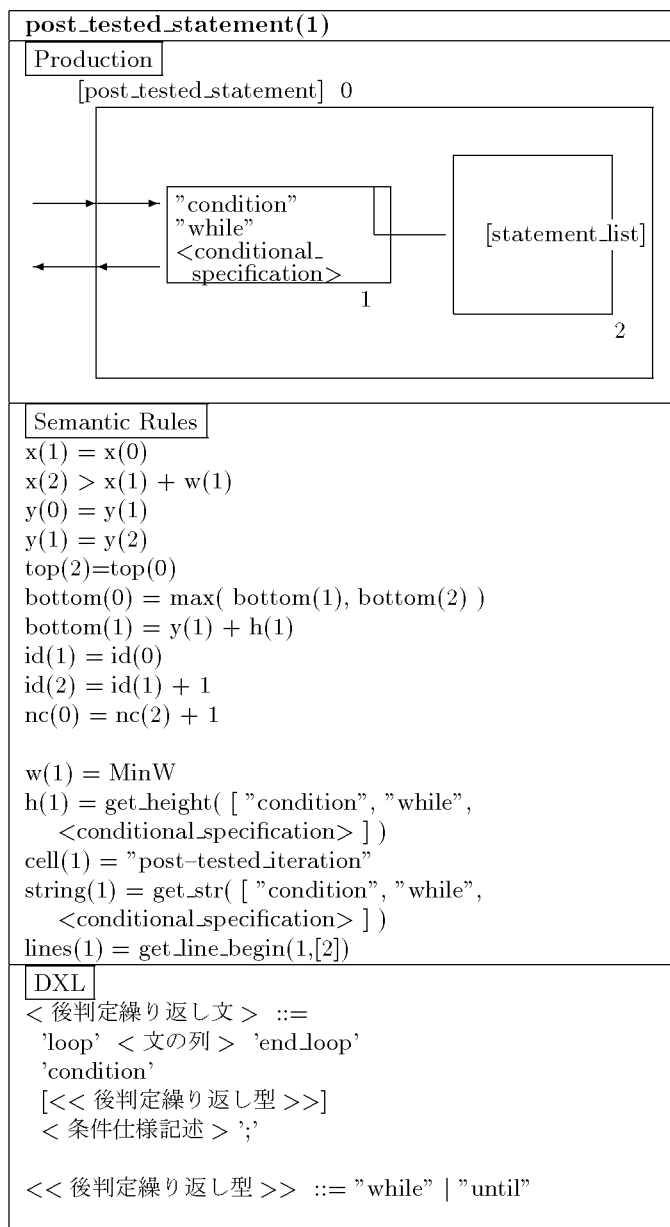




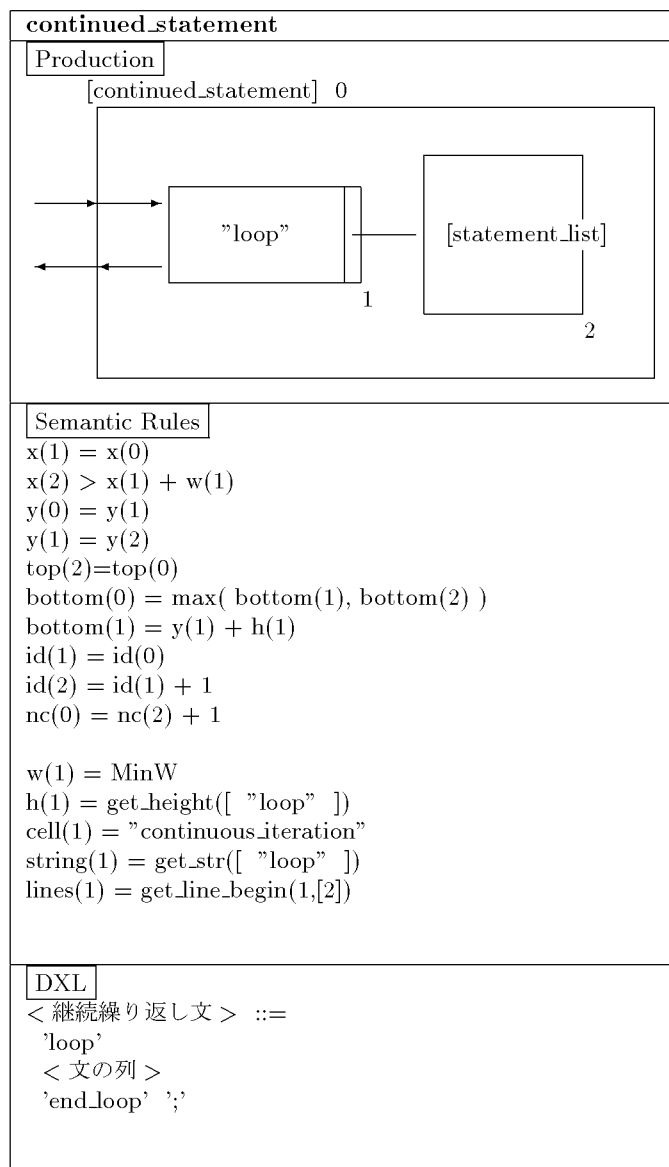
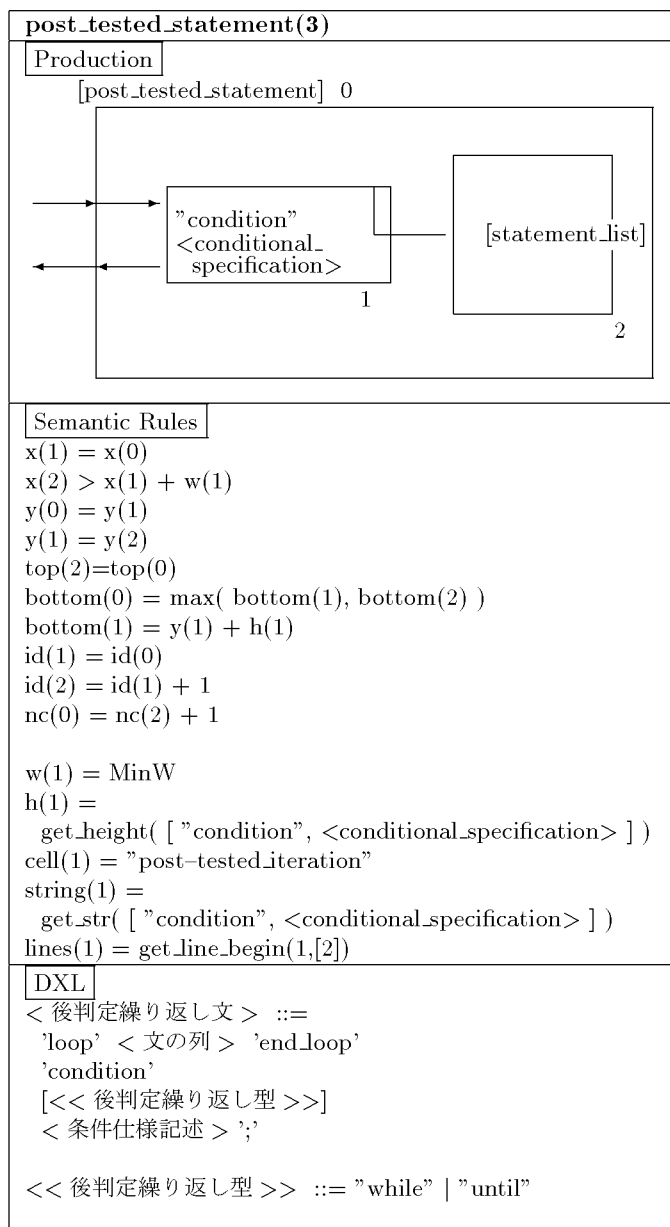


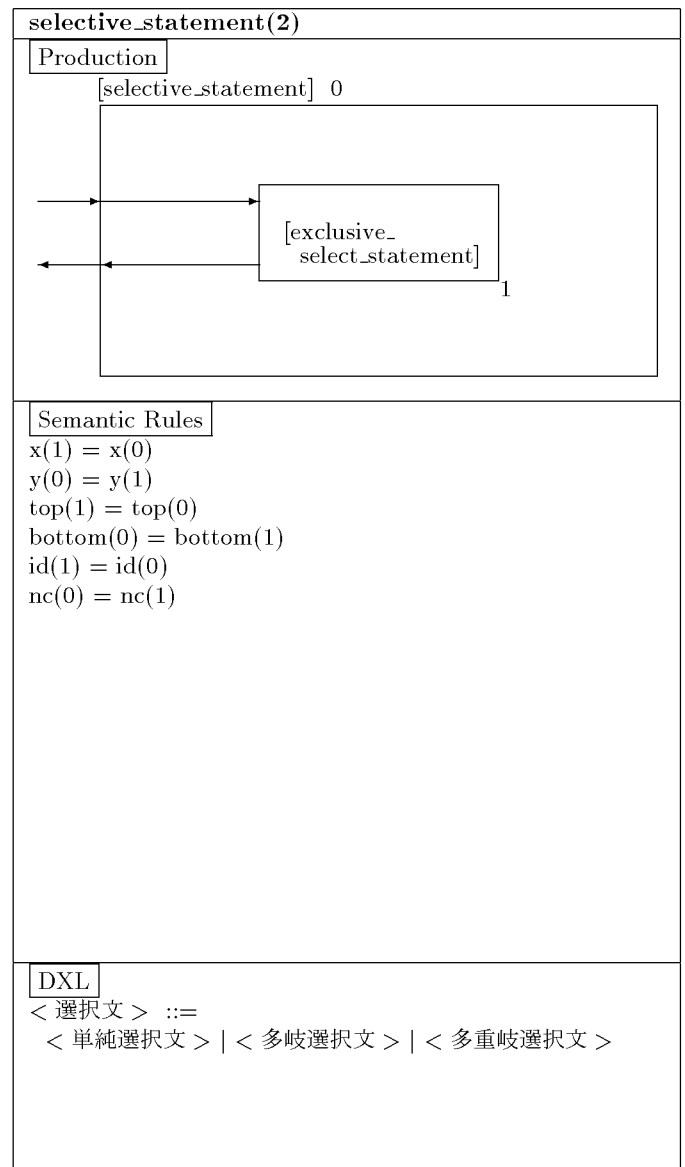
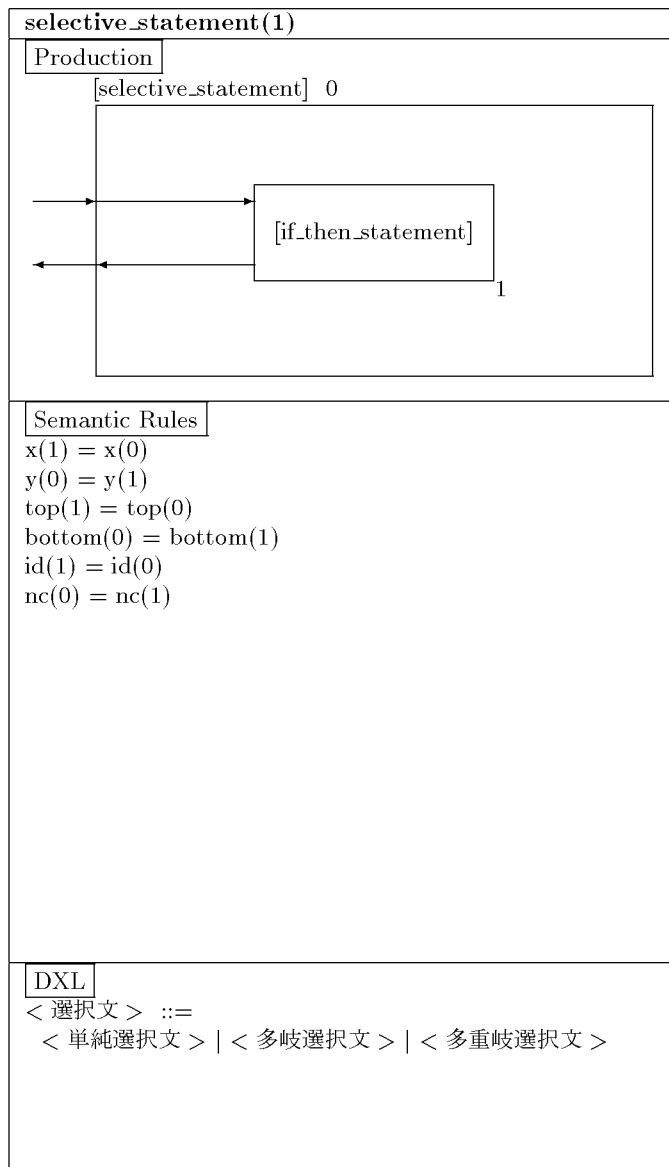


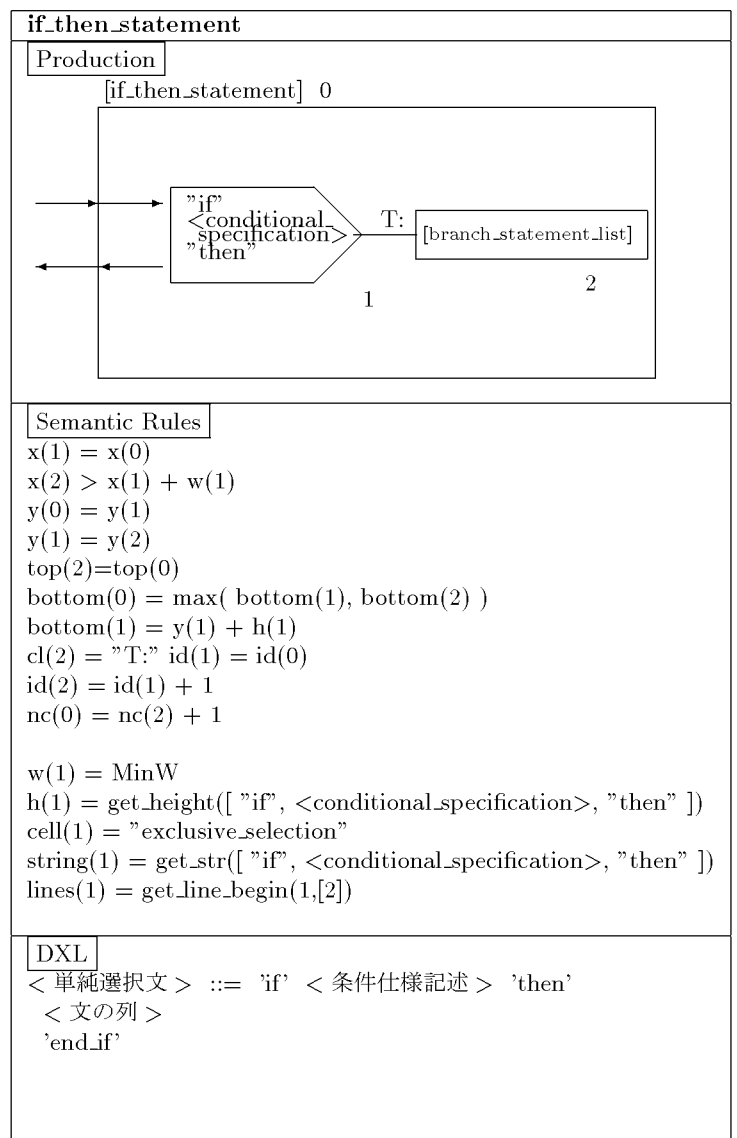
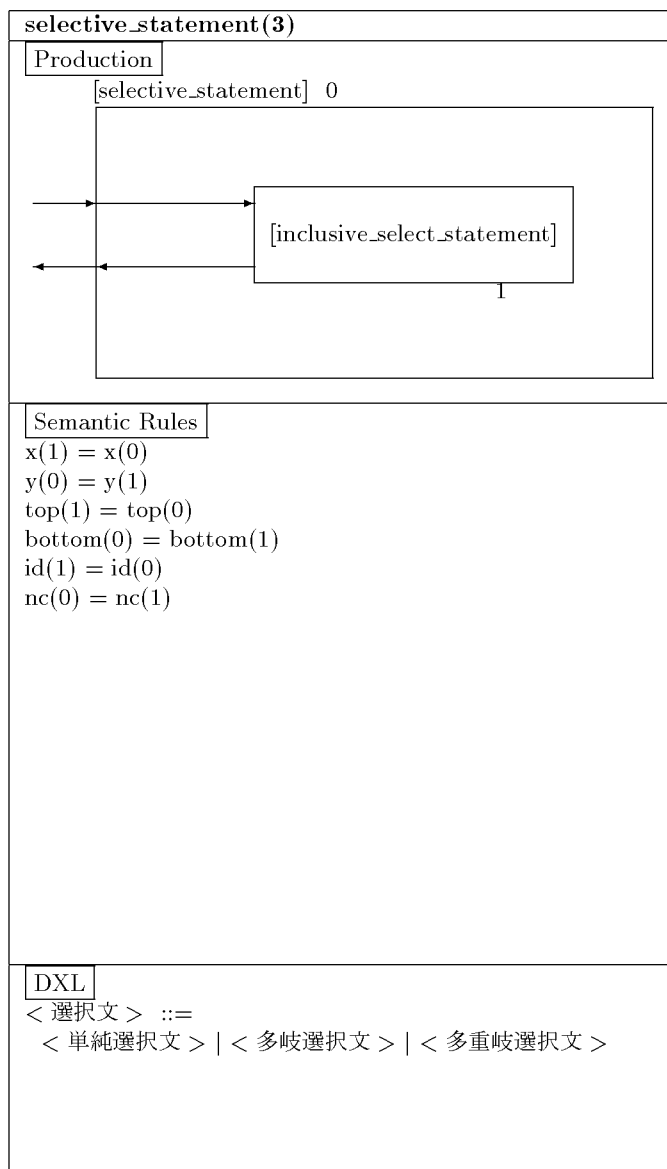


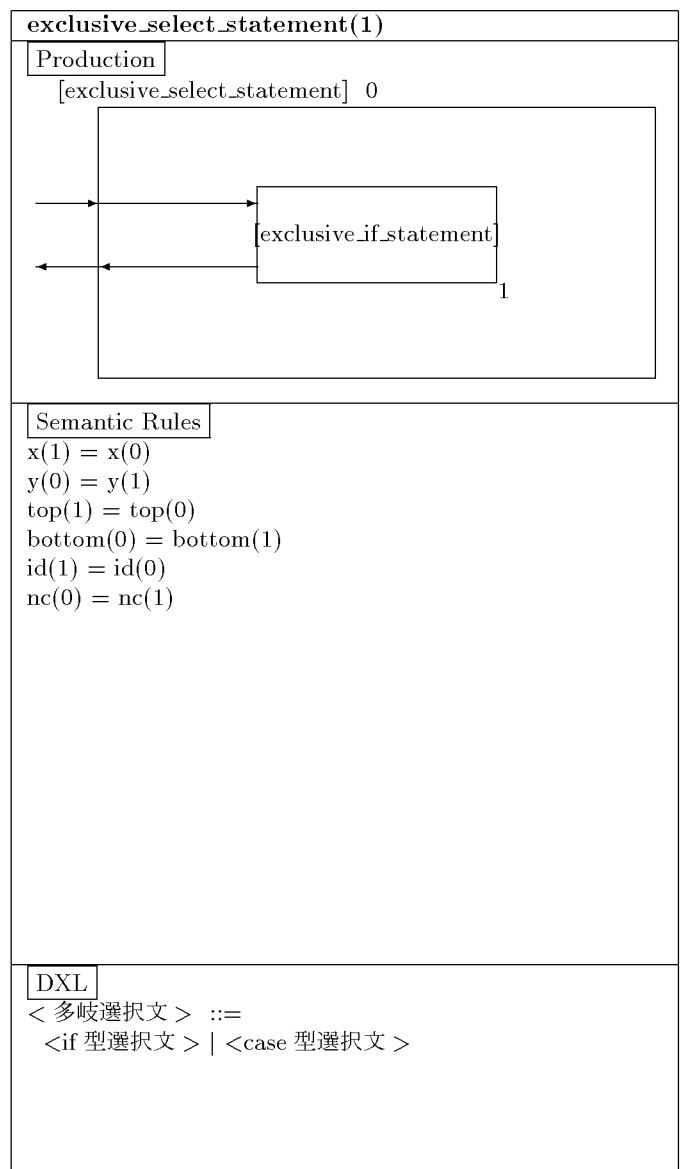
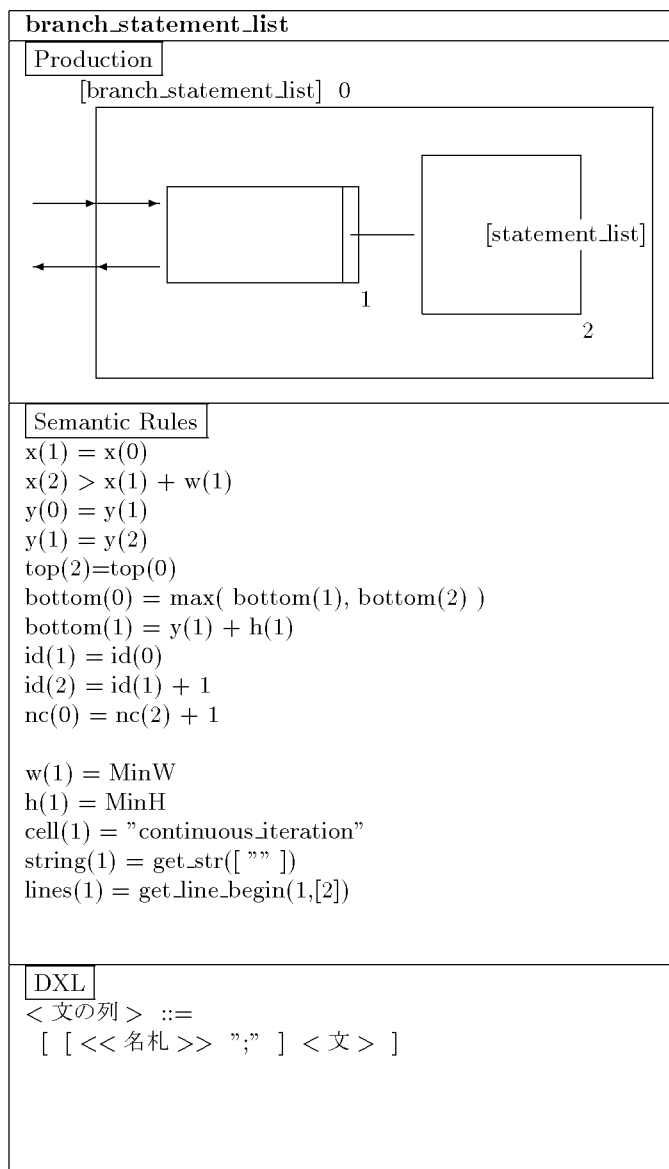






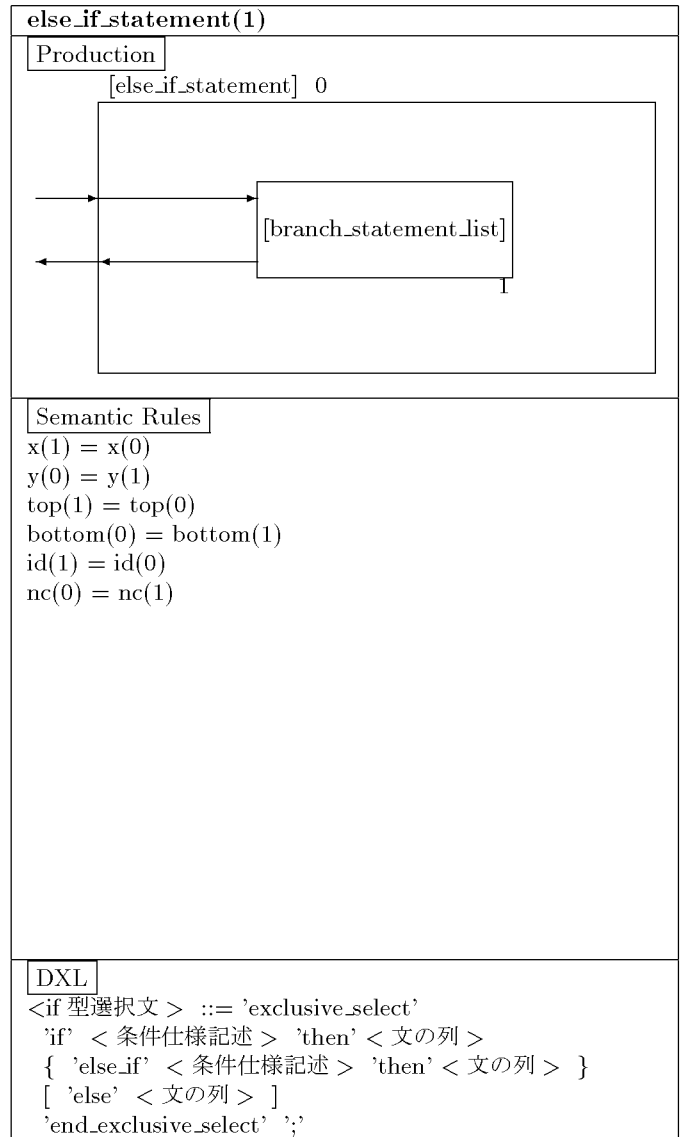
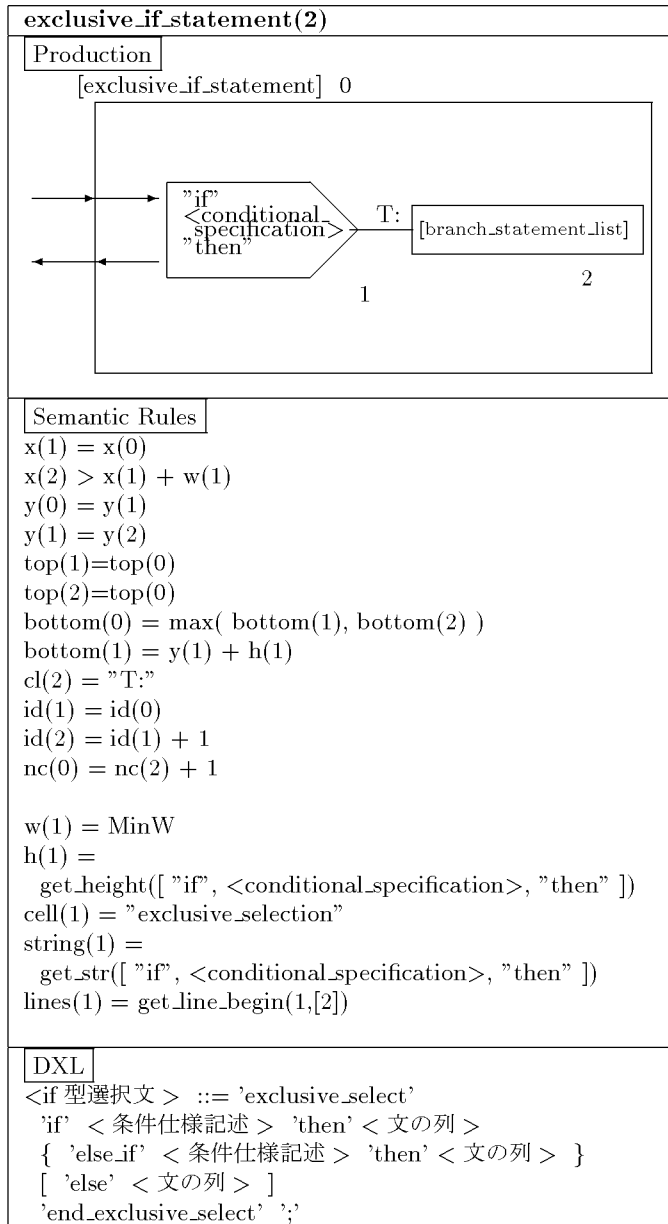


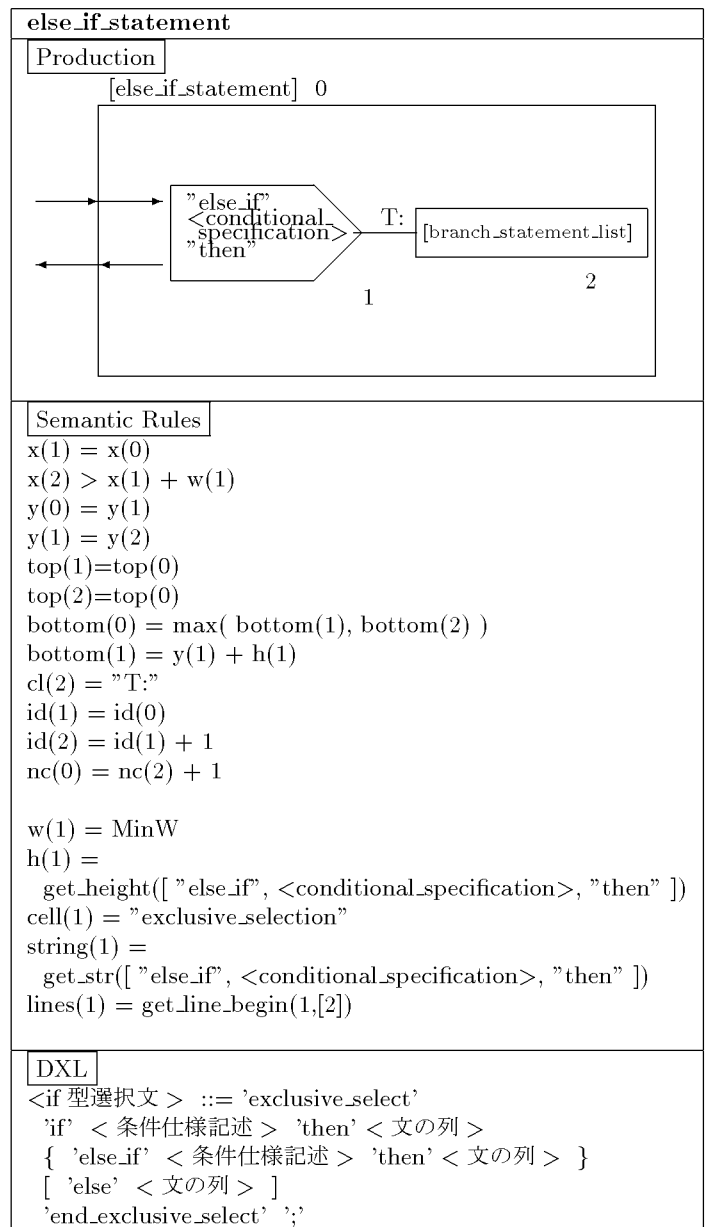
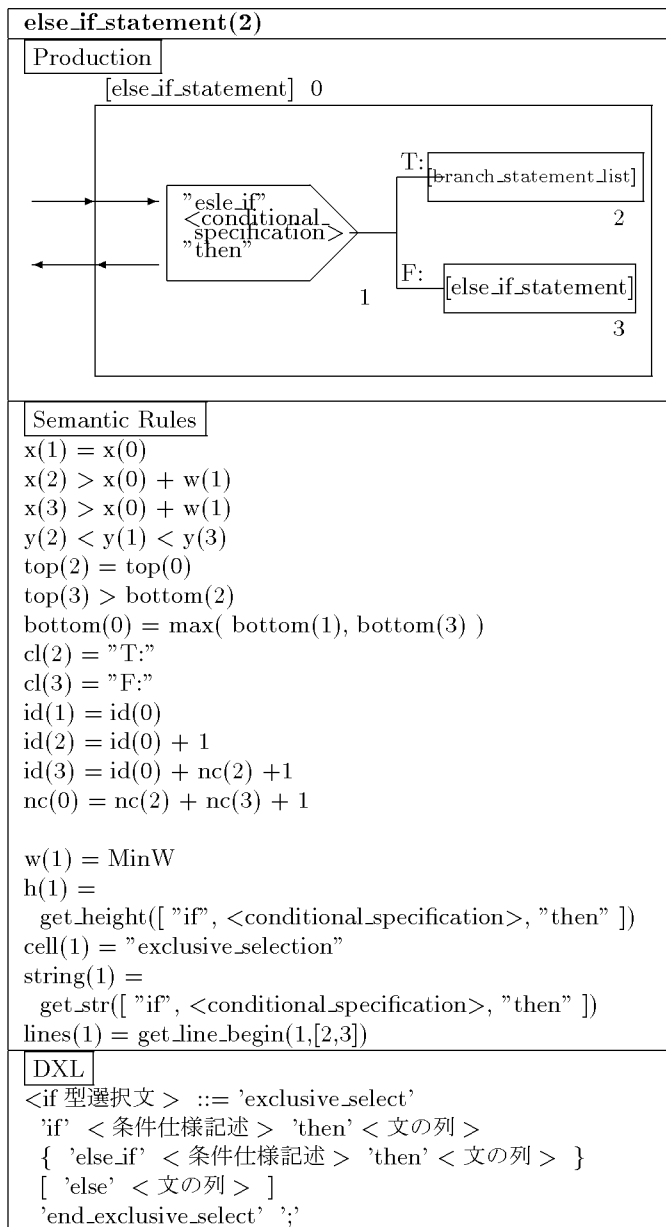


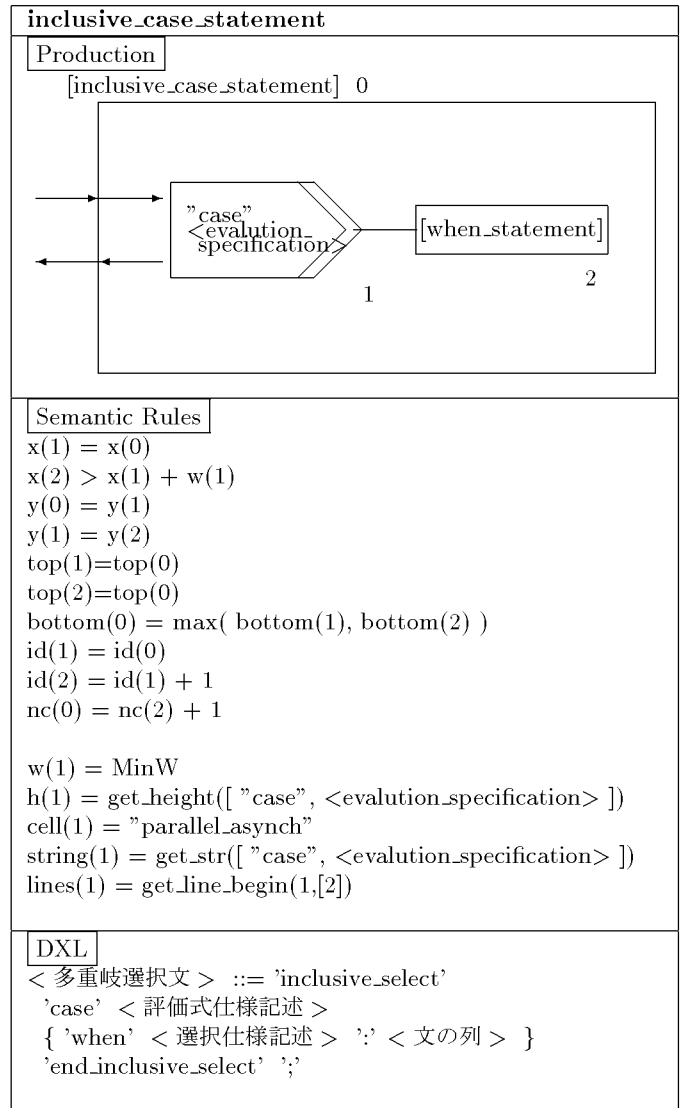
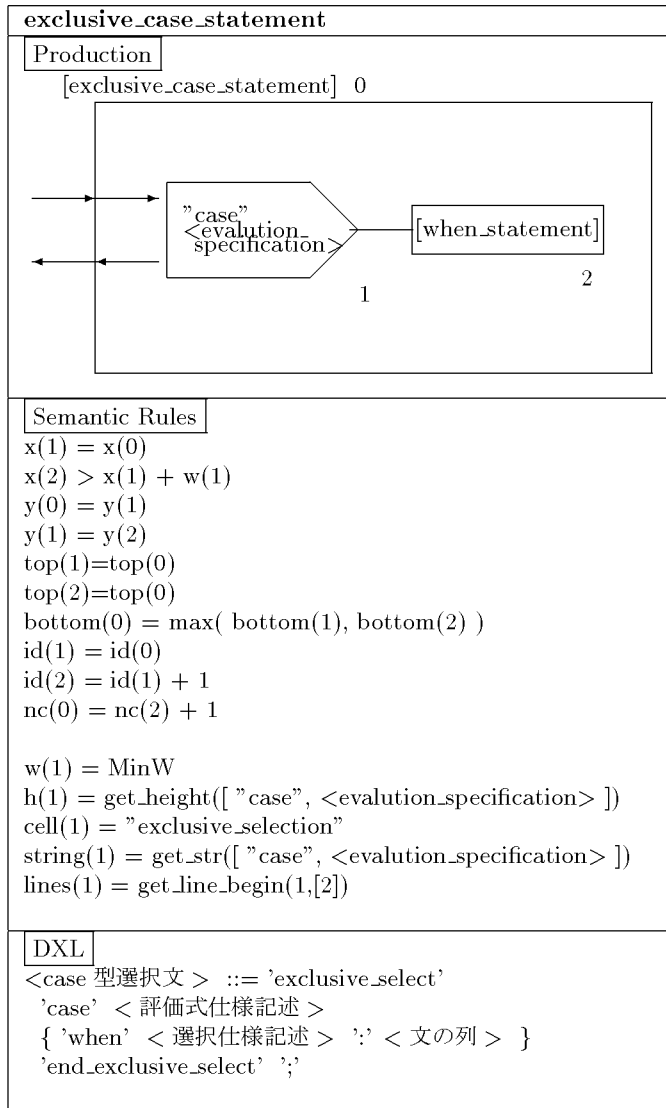


| exclusive_select_statement(2)  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Production</div> <p>[exclusive_select_statement] 0</p>   |  |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Semantic Rules</div> <p> <math>x(1) = x(0)</math><br/> <math>y(0) = y(1)</math><br/> <math>top(1) = top(0)</math><br/> <math>bottom(0) = bottom(1)</math><br/> <math>id(1) = id(0)</math><br/> <math>nc(0) = nc(1)</math> </p> |  |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">DXL</div> <p> <code>&lt; 多岐選択文 &gt; ::=</code><br/> <code>&lt; if 型選択文 &gt;   &lt; case 型選択文 &gt;</code> </p>  |  |

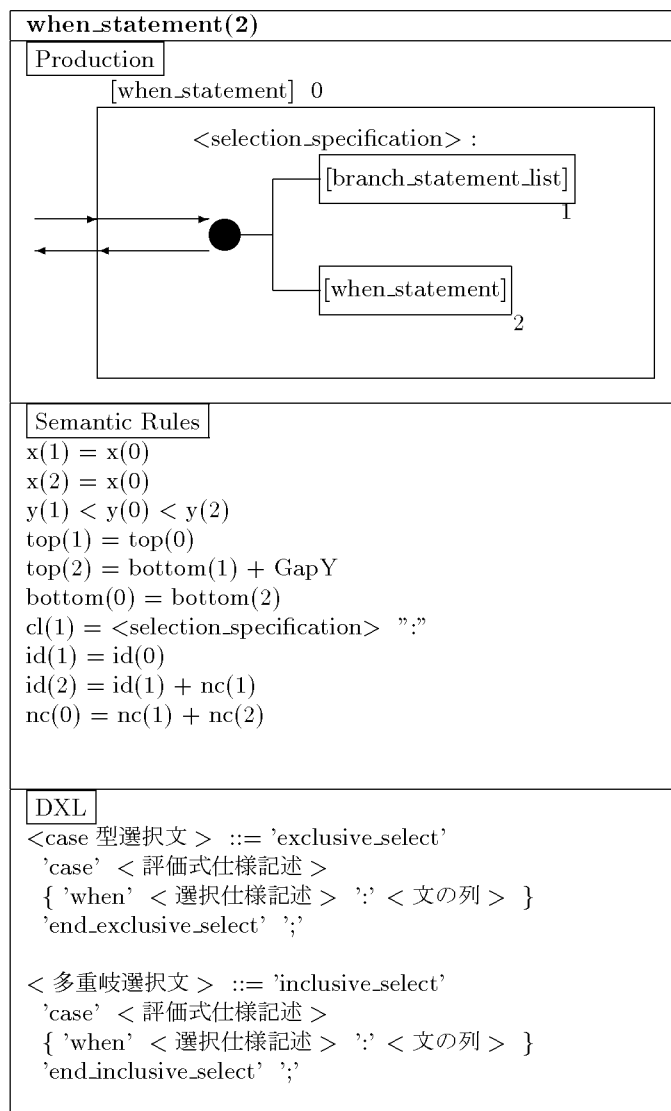
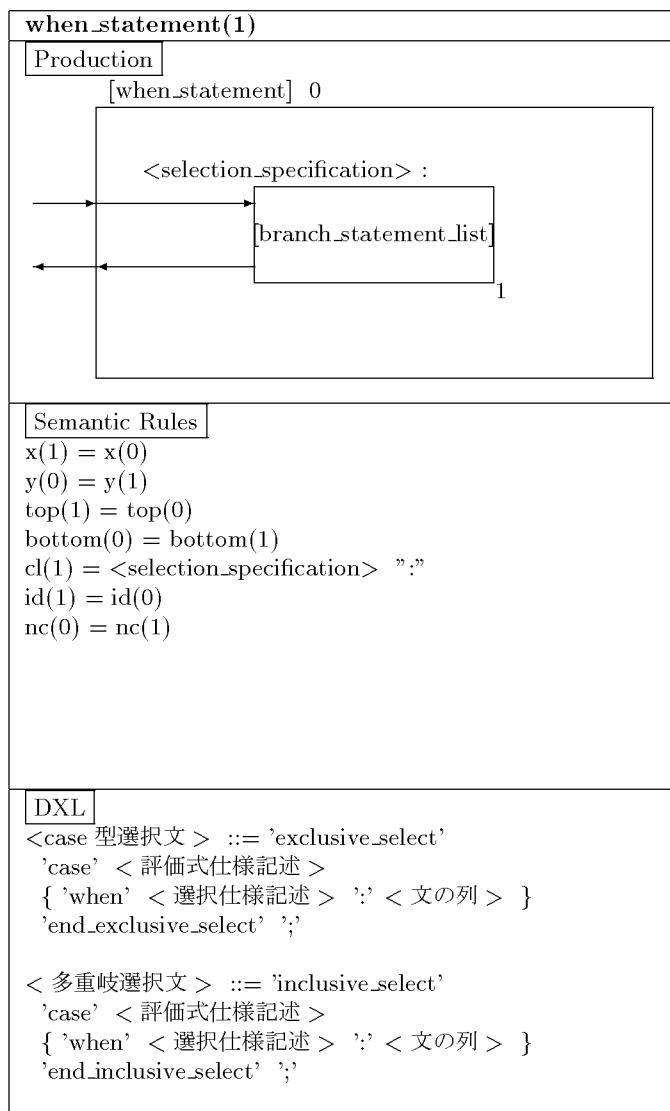
| exclusive_if_statement(1)  |  |
|--|--|
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Production</div> <p>[if_then_statement] 0</p>  |  |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">Semantic Rules</div> <p> <math>x(1) = x(0)</math><br/> <math>x(2) &gt; x(0) + w(1)</math><br/> <math>x(3) &gt; x(0) + w(1)</math><br/> <math>y(2) &lt; y(1) &lt; y(3)</math><br/> <math>top(2) = top(0)</math><br/> <math>top(3) &gt; bottom(2)</math><br/> <math>bottom(0) = \max( bottom(1), bottom(3) )</math><br/> <math>cl(2) = "T:"</math><br/> <math>cl(3) = "F:"</math><br/> <math>id(1) = id(0)</math><br/> <math>id(2) = id(0) + 1</math><br/> <math>id(3) = id(0) + nc(2) + 1</math><br/> <math>nc(0) = nc(2) + nc(3) + 1</math> </p> <p> <math>w(1) = \text{Min}W</math><br/> <math>h(1) = \text{get\_height}([ "if", &lt;conditional\_specification&gt;, "then" ])</math><br/> <math>cell(1) = "exclusive\_selection"</math><br/> <math>string(1) = \text{get\_str}([ "if", &lt;conditional\_specification&gt;, "then" ])</math><br/> <math>lines(1) = \text{get\_line\_begin}(1,[2,3])</math> </p> |  |
| <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">DXL</div> <p> <code>&lt; if 型選択文 &gt; ::= 'exclusive_select'</code><br/> <code>'if' &lt; 条件仕様記述 &gt; 'then' &lt; 文の列 &gt;</code><br/> <code>{ 'else_if' &lt; 条件仕様記述 &gt; 'then' &lt; 文の列 &gt; }</code><br/> <code>[ 'else' &lt; 文の列 &gt; ]</code><br/> <code>'end_exclusive_select' ';' ;'</code> </p>   |  |

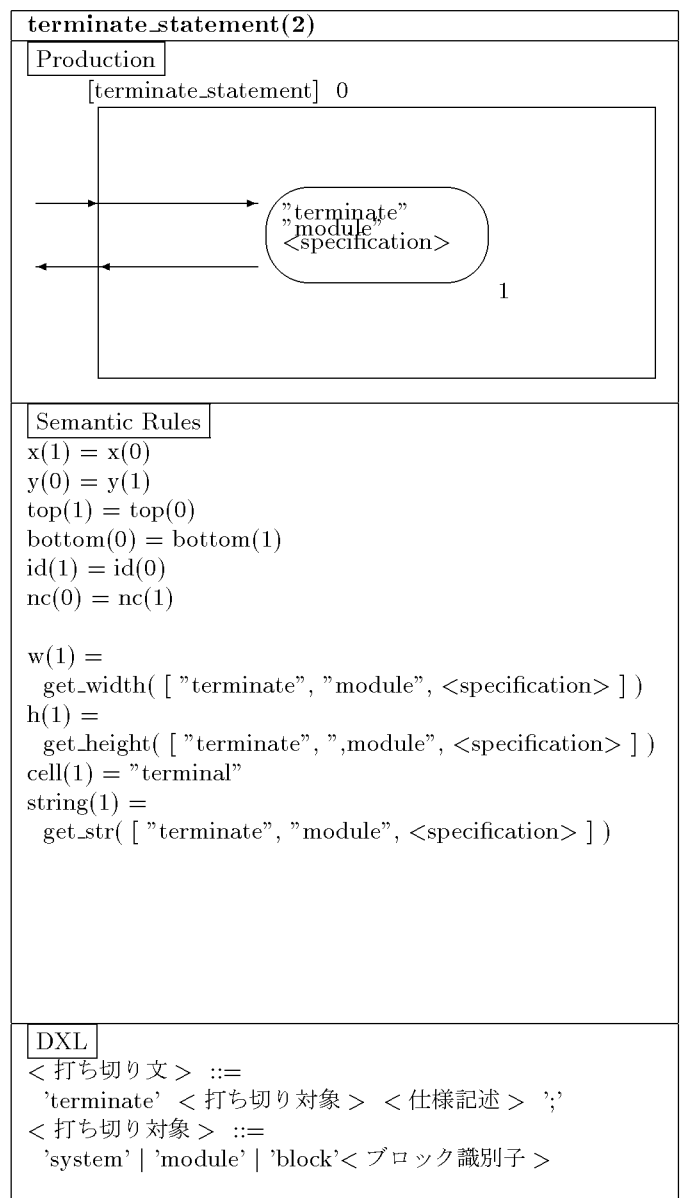
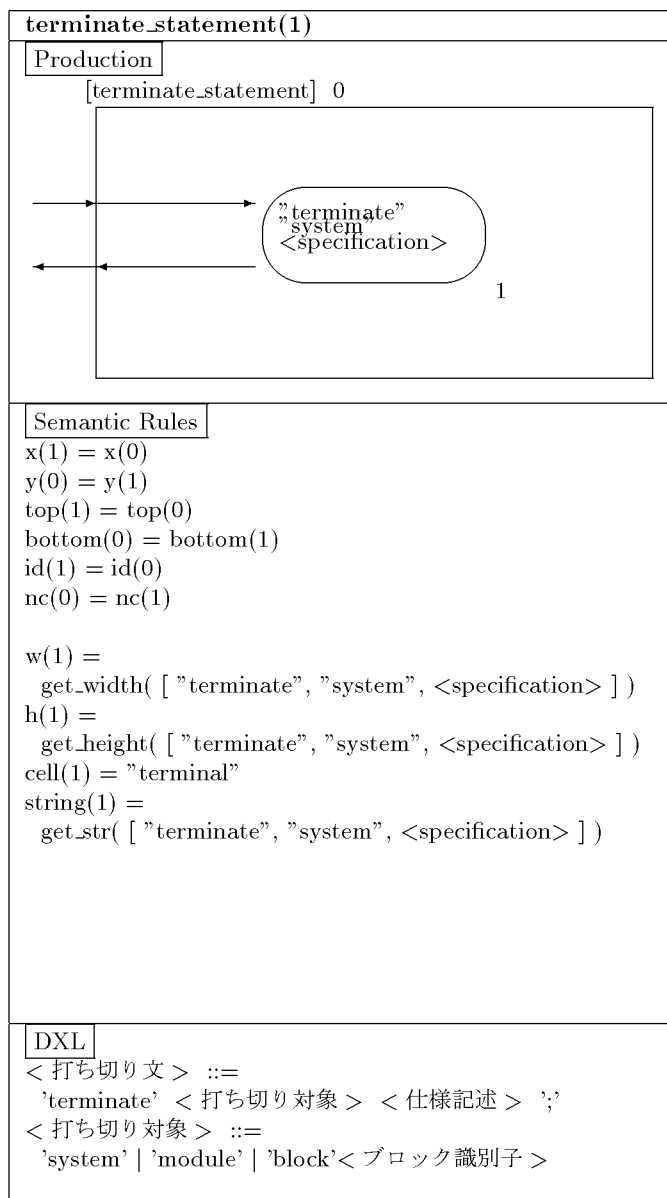












| terminate_statement(3) |   |
|------------------------|---|
| Production             | <p>[terminate_statement] 0</p>  |
| Semantic Rules         | <pre> x(1) = x(0) y(0) = y(1) top(1) = top(0) bottom(0) = bottom(1) id(1) = id(0) nc(0) = nc(1)  w(1) = get_width( [ "terminate", "block", &lt;block_idenfifer&gt;, &lt;specification&gt; ] ) h(1) = get_height( [ "terminate", "block", &lt;block_idenfifer&gt;, &lt;specification&gt; ] ) cell(1) = "terminal" string(1) = get_str( [ "terminate", "block", &lt;block_idenfifer&gt;, &lt;specification&gt; ] ) </pre> |
| DXL                    | <pre> &lt;打ち切り文&gt; ::= 'terminate' &lt;打ち切り対象&gt; &lt;仕様記述&gt; ';' &lt;打ち切り対象&gt; ::= 'system'   'module'   'block' &lt;ブロック識別子&gt; </pre>   |