```
node 3159
                                                                                                                      <%=a0%> = active;
                                                                                                                      0: Activation out
                                                                                                                   0: Activation out
                                                                                                                               edge_3208
                                                                                                                    0: Activation in
                                                                                                                           node 3207
                                                                                                                      <\%=a1\%> = <\%=a0\%>;
                                                                                                                     <\%=a2\%> = <\%=a0\%>;
                                                                                                                                                                                       if(<%=a0%> === active) {<%=a1%> = <%=a2%>;}
                                                                                                                     <\%=a3\%> = <\%=a0\%>;
                                                                                                        1: Activation out
                                                                                                                                                                                                     0: Activation in
                                                                                                                       0: Activation in
                                                                                                                      1: Activation out 2: Activation out
                                                                                                                                                                                                       1: Number out
                                                                                                                                                                                                       2: Number in
                                                                                                                      2: Activation out
                                                                                                                                                                                          2: Number in
                                                                                                                                                                                                           0: Activation in 1. Number out
                                                                                                                                                                                                                                                              0: Activation
                                                                                                                                                                                                                                                                                       1: Number out
                                                                                                                      3: Activation out
                                                                                                                    3: Activation out
                                                                                                                                                                                            edge_3202
                                                                                                                                                                                                              edge_3200
                                                                                                                                                                                                                                                     edge_3204
                                                                                                                               edge_3211
                                                                                                                                                                                                                                                                                       2: Number in
                                                                                                                                                                                                                                   1: Number in
                                                                                                                                                                                                                                                                                            node 3212
                                                                                                                    2: Activation in
                                                                                                                                                                                                  1: Activation out
                                                                                                                                                                                                                        2: Activation out
                          node_3187
                                                                                                                           node 3191
                                                                                                                                                                                                         node 3195
                                                                                                                                                                       0: Number out
                       <\%=a0\%> = \{\};
                                                                                                                        <\%=a0\%> = \{\};
                                                                                                                                                                                                 <%=a1%> = <%=a0%>['a'];
                                                                                                                                                                          node 3173
                  <%=a0%>['a'] = <%=a1%>;
                                                                                                                 <%=a0%>['cond'] = <%=a1%>;
                                                                                                                                                                                                  <\%=a2\%> = <\%=a0\%>['b'];
                 <%=a0%>['b'] = <%=a2%>;
                                                                                                                <%=a0%>['source'] = <%=a2%>;
                                                                                                                                                                         < %=a0 %> = 3;
                                                                                              edge_3209
                                                                                                                                                                                          0: {a: Activation, b: Activation} in
               0: {a: Number, b: Number} out
                                                                                                        0: {cond: Boolean, source: Activation} out
                                                                                                                                                                        0: Number out
                                                                                                                                                                                                    1: Activation out
                        1: Number in
                                                                                                                        1: Boolean in
                                                                                                                                                                                                    2: Activation out
                        2: Number in
                                                                                                                       2: Activation in
                                               0: {a: Number, b: Number} out
                                                                                                                                                                                   0: {a: Activation, b: Activation} in
                              2: Number in
               1: Number in
                                                                                                           1: Boolean in
                                                                                                                                      0: {cond: Boolean, source: Activation} out
                                                                                                                                                                                                                                                                                       0: Number out
                /edge_3188
                                                                                                         /edge_3193
                              edge_3189
                                                        2: {a: Number, b: Number} in 0: Activation in
                                                                                                       3. Boolean out
                                                                                                                                                                                3: {a: Activation, b: Activation} out
                                                                                                                         2: {cond: Boolean, source: Activation} in 0: Activation in
                                                                                                                                                                                                                                                                                        0: Number in
  0: Number out /
                    0: Number out
                                          if(<\$=a0\$> === active \&\& <\$=a1\$>!==null \&\& <\$=a1\$>!==undefined) {<\$=a3\$> = <\$=a1\$>(<\$=a2\$>);}
    node 3131
                          node 3171
                                                                                                                                                                                                                                                                                            node 3133
<%=a0%>=theArgs.t;
                        <%=a0%> = 1;
                                                                                                                                                                                                                                                                                     theInterface=<%=a0%>;
                                                                                                                                                                                               0: Activation in
                                                                                    0: Activation in
                                                                       1: {{a: Number, b: Number} -> Boolean} in
                                                                                                                                                             1: {{cond: Boolean, source: Activation} -> {a: Activation, b: Activation}} in
                       0: Number out
                                                                                                                                                                                                                                                                                          0: Number in
  0: Number out
                                                                              2: {a: Number, b: Number} in
                                                                                                                                                                                 2: {cond: Boolean, source: Activation} in
                                                                                     3: Boolean out
                                                                                                                                                                                  3: {a: Activation, b: Activation} out
                                                                                                                                                1: {{cond: Boolean, source: Activation} -> {a: Activation, b: Activation}} in
                                                             1: {{a: Number, b: Number} -> Boolean} in
                                                            0: {{a: Number, b: Number} -> Boolean} out
                                                                                                                                               0: {{cond: Boolean, source: Activation} -> {a: Activation, b: Activation}} out
                                                                                   <%=a0%> = isEqual;
                                                                                                                                                                                           <%=a0%> = whenThenElse;
                                                                      0: {{a: Number, b: Number} -> Boolean} out
                                                                                                                                                             0: {{cond: Boolean, source: Activation} -> {a: Activation, b: Activation}} out
```

```
if(<%=a0%> === active) {<%=a1%> = <%=a2%>;}
                                            0: Activation in
                                                                           2: Number in
                                              1: Number out
                                              2: Number in
                                                    edge_3215
                                              <%=a0%>=null;
                                          if(<%=a0%>===null)
                                            <%=a0%> = <%=a1%>;
                                      } else if (<%=a1%> !== null){
                                                                                                                    0: Number out
throw new Error('Multiple active assignments to the same signal <%=a0%>: '+<%=a0%> + ' and ' + <%=a1%>);
                                                                                                                 node 3175
                                         }if(<%=a0%>===null ){
                                                                                                                < %=a0\% > = 4;
                                            < %=a0 %> = < %=a2 %>;
                                      } else if (<%=a2%> !== null){
                                                                                                               0: Number out
throw new Error('Multiple active assignments to the same signal <%=a0%>: '+<%=a0%> + ' and ' + <%=a2%>);
                                              0: Number out
                                              1: Number in
                                              2: Number in
                                                    edge_3213
```