

$$c = \forall \left( \boxed{\text{cc1:Class}}, \exists \left( \begin{array}{c} \boxed{\text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{cf2:Feature}} \end{array}, \forall \left( \begin{array}{c} \boxed{\text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{cf2:Feature}} \end{array} \xrightarrow{\text{hasDepTo}} \boxed{\text{cf3:Feature}} \right), \exists \left( \begin{array}{c} \boxed{\text{cc1:Class}} \quad \boxed{\text{cc2:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \quad \downarrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{cf2:Feature}} \quad \boxed{\text{cf3:Feature}} \end{array}, \text{true} \right) \right) \right)$$

$$\text{ned}_{-1} = \text{true}$$

$$\text{ned}_1 = \neg \exists \left( \begin{array}{c} \boxed{\text{cr1} = \text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{fr1} = \text{cf2:Feature}} \end{array}, \text{true} \right)$$

$$\text{ned}_3 = \neg \exists \left( \begin{array}{c} \boxed{\text{rc1} = \text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{rf1} = \text{cf2:Feature}} \end{array}, \text{true} \right) \wedge \neg \exists \left( \begin{array}{c} \boxed{\text{rc1} = \text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{rf1} = \text{cf1:Feature}} \quad \boxed{\text{cf2:Feature}} \end{array} \xrightarrow{\text{hasDepTo}} \begin{array}{c} \boxed{\text{cc2:Class}} \\ \downarrow \text{contains} \\ \boxed{\text{cf3:Feature}} \end{array}, \text{true} \right) \wedge$$

$$\neg \exists \left( \begin{array}{c} \boxed{\text{rc1} = \text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{rf1} = \text{cf2:Feature}} \end{array} \xrightarrow{\text{hasDepTo}} \begin{array}{c} \boxed{\text{cc2:Class}} \\ \downarrow \text{contains} \\ \boxed{\text{cf3:Feature}} \end{array}, \text{true} \right) \wedge \neg \exists \left( \begin{array}{c} \boxed{\text{cc1:Class}} \\ \swarrow \text{contains} \quad \searrow \text{contains} \\ \boxed{\text{cf1:Feature}} \quad \boxed{\text{cf2:Feature}} \end{array} \xrightarrow{\text{hasDepTo}} \begin{array}{c} \boxed{\text{rc1} = \text{cc2:Class}} \\ \downarrow \text{contains} \\ \boxed{\text{rf1} = \text{cf3:Feature}} \end{array}, \text{true} \right)$$