

Working with superclass intersection

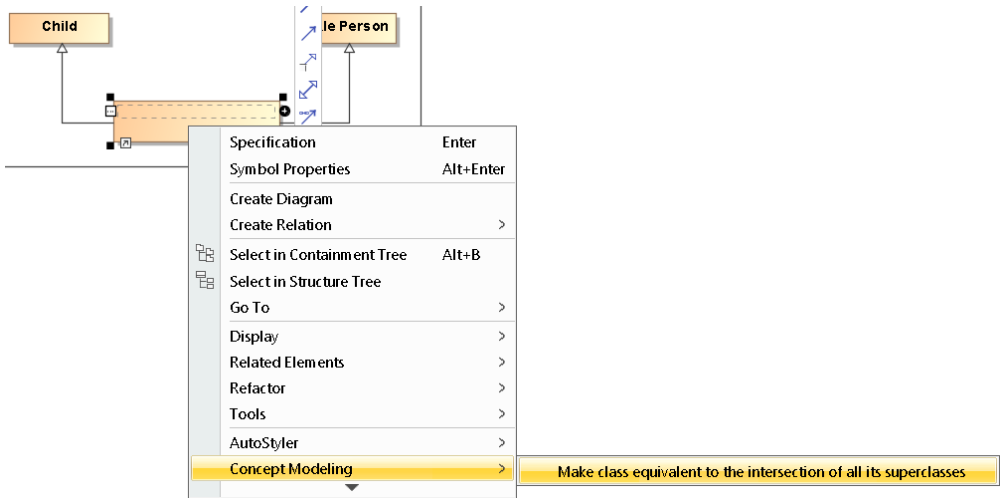
This section will demonstrate the different menu options that appear in the cases of relationships between Superclass Intersections and other class elements.

Stereotypes

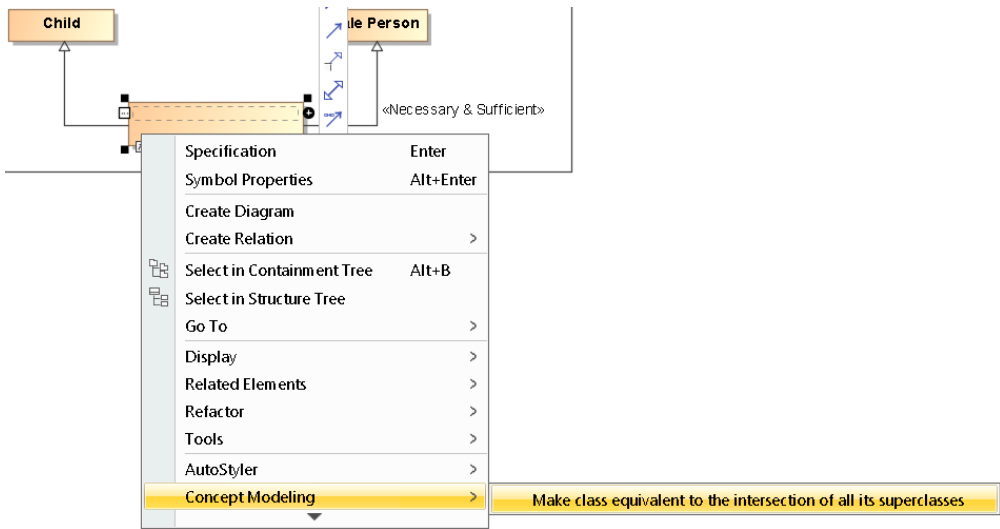
Please note that stereotype of the **selected Class** is *Superclass Intersection* and the stereotype of the **selected Generalization** is *Necessary and Sufficient*.

The following cases are based on a **selected Class**.

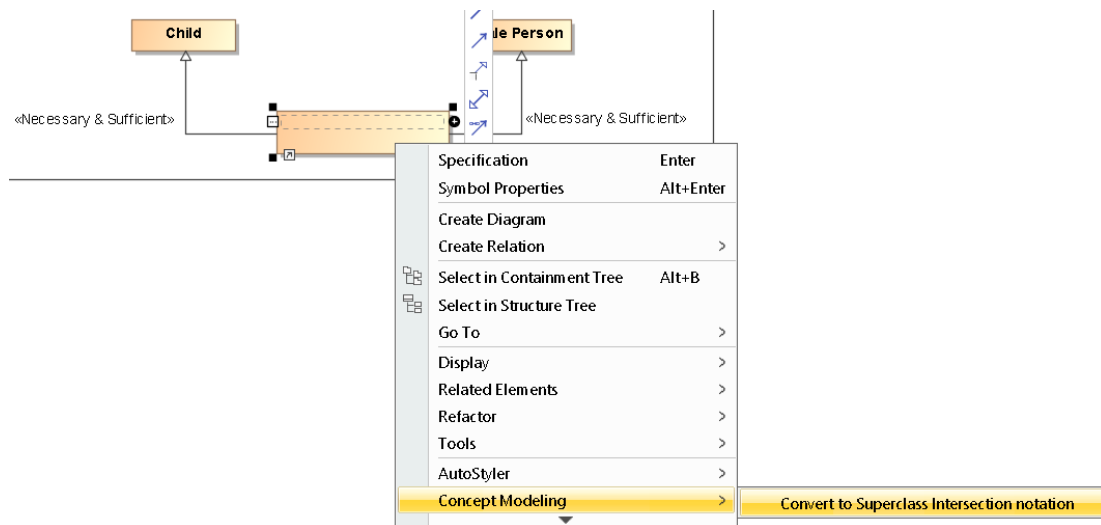
Case 1: Selected class has no stereotype, and all outgoing generalizations have no stereotypes.



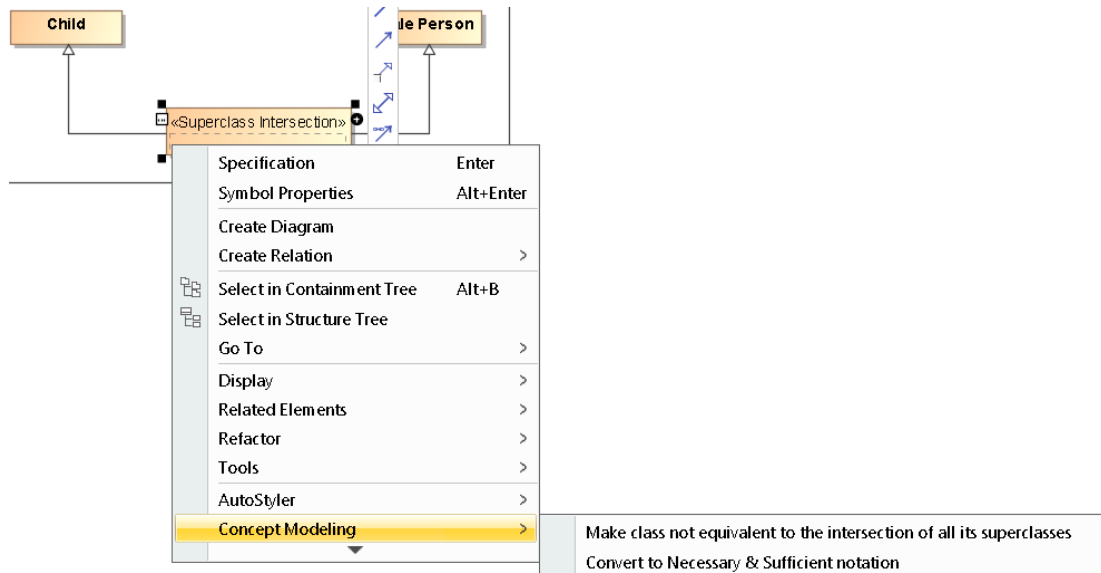
Case 2: Selected class has no stereotype, and some outgoing generalizations have stereotypes



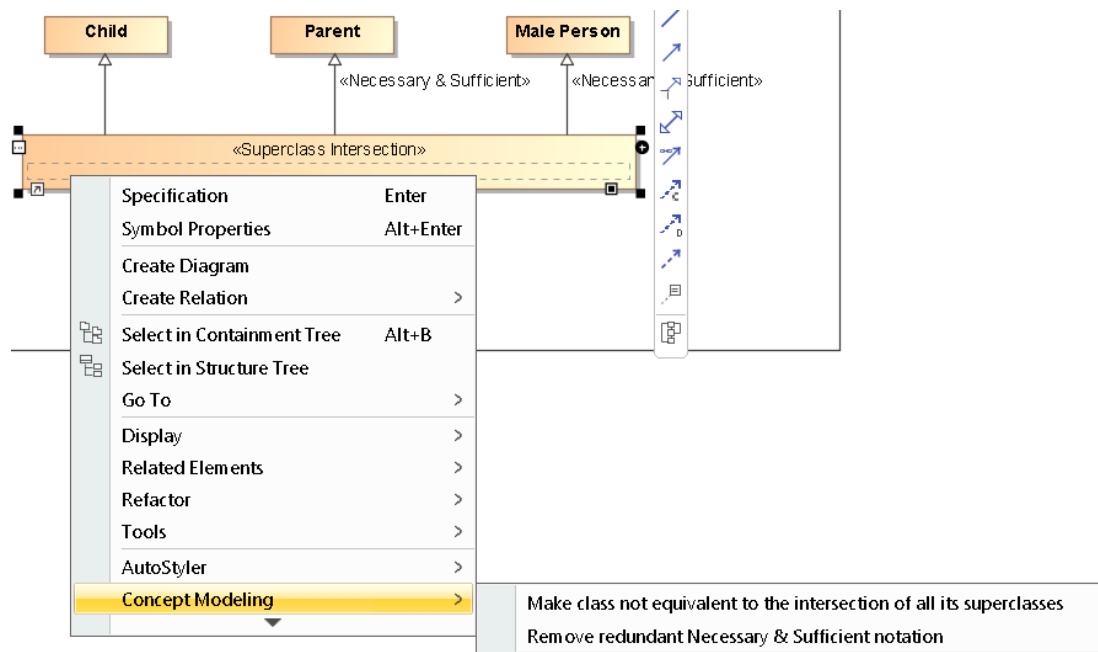
Case 3: Selected class has no stereotype, all outgoing generalizations have stereotypes.



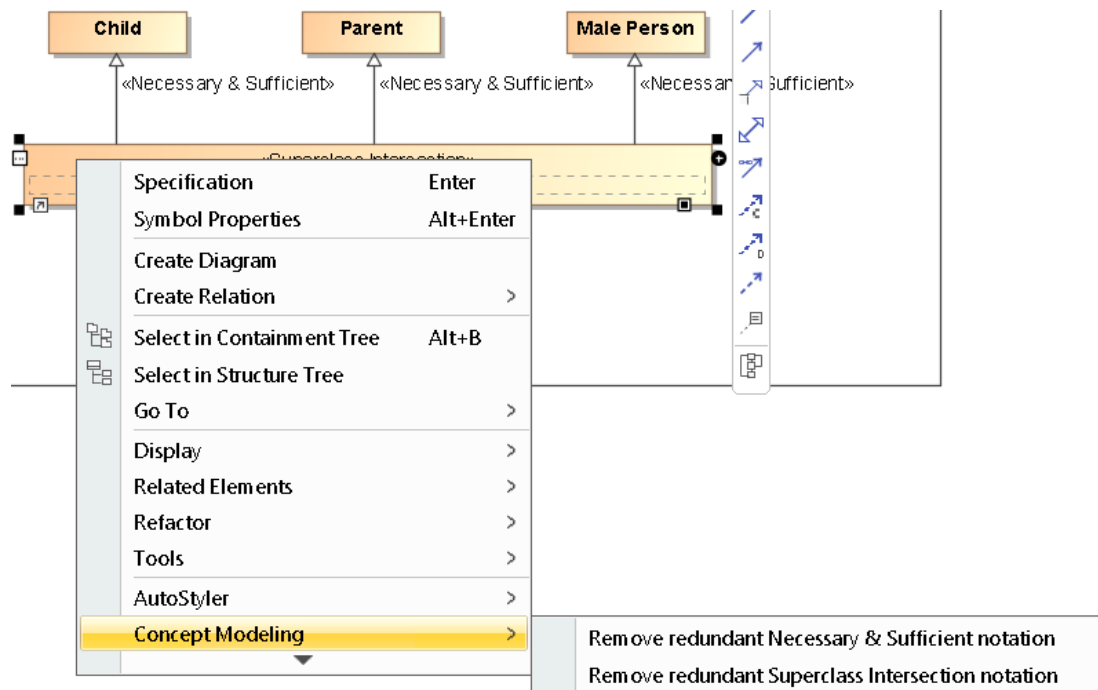
Case 4: Selected class has a stereotype, but the generalizations do not.



Case 5: Selected class has a stereotype and some outgoing generalizations also have a stereotype.

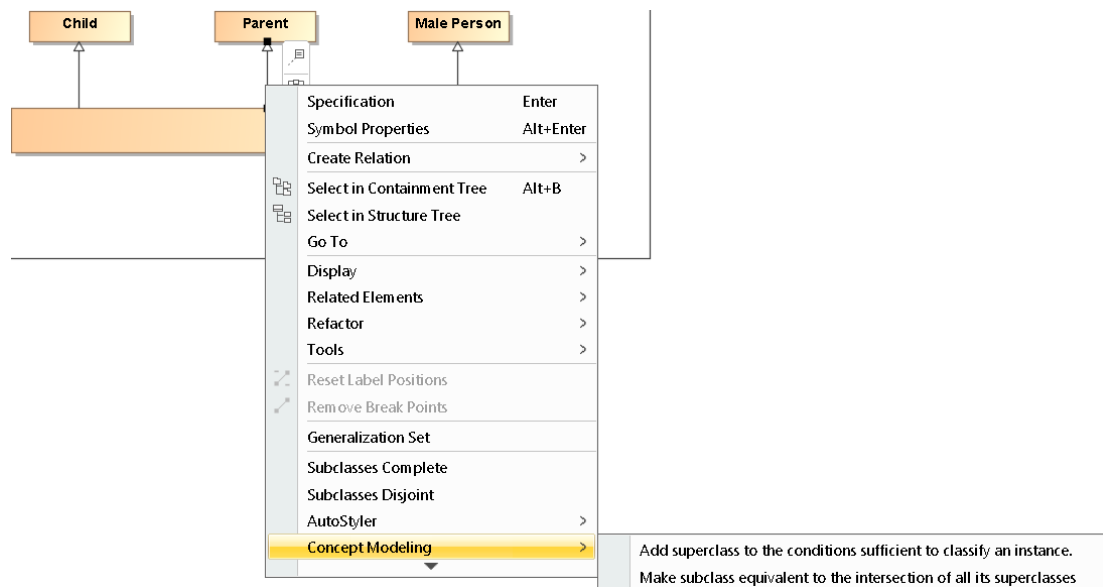


Case 6: Selected class has a stereotype and all outgoing generalizations also have a stereotype.

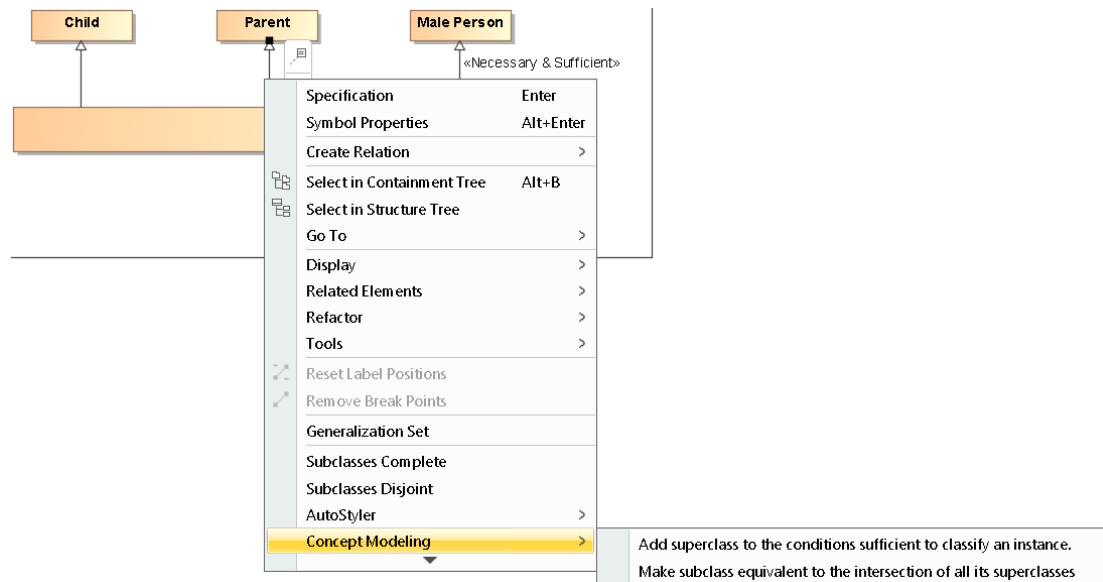


The following cases are based on the **selected Generalization** of specific class.

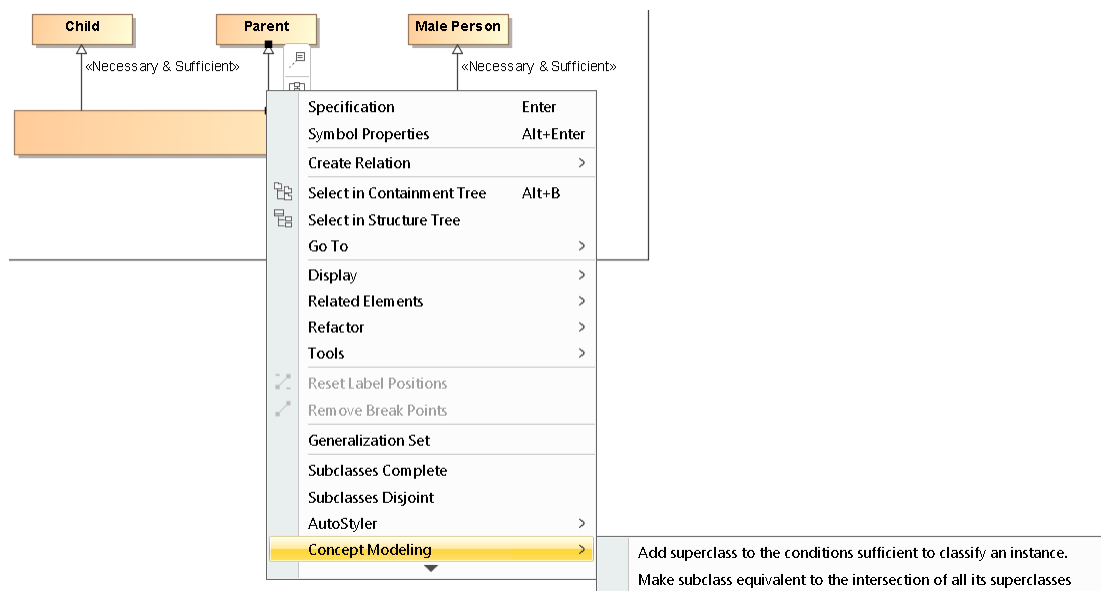
Case 1: Specific class of selected generalization has no stereotype, selected generalization has no stereotype, and all outgoing generalizations of specific class have no stereotype.



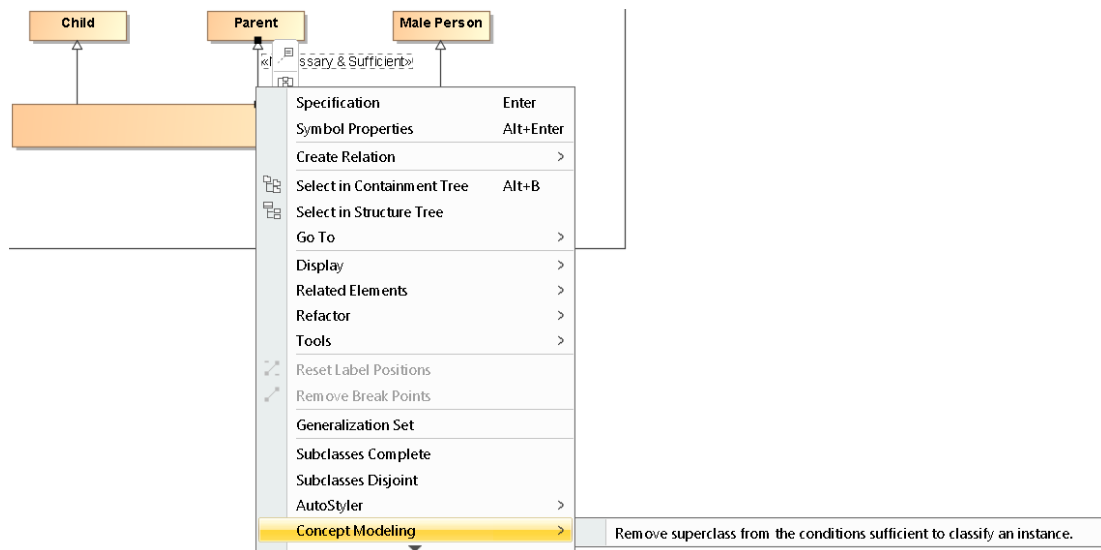
Case 2: Specific class of selected generalization has no stereotype, selected generalization has no stereotype, but some other outgoing generalizations of specific class have stereotype.



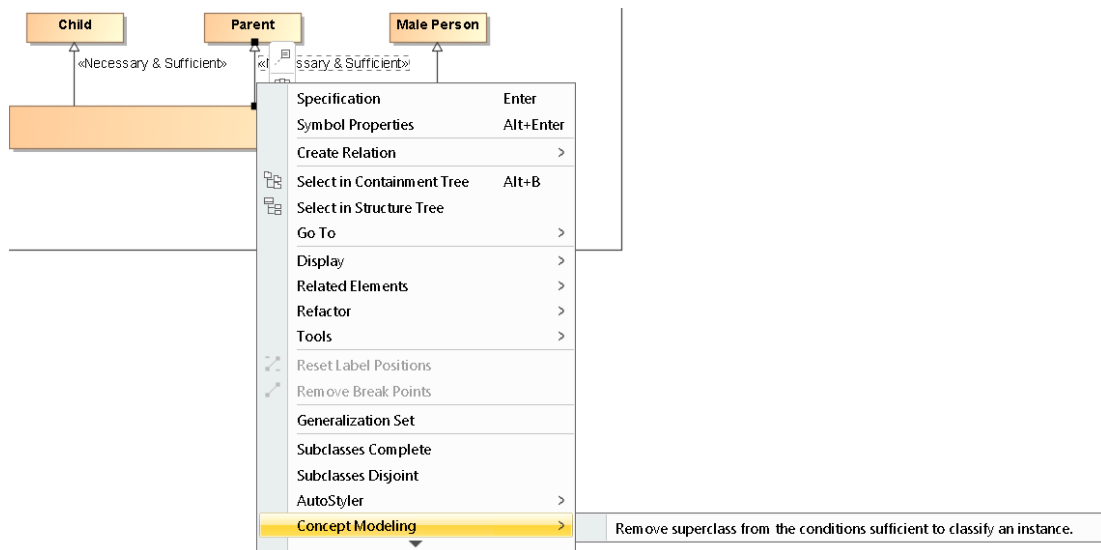
Case 3: Specific class of selected generalization has no stereotype, selected generalization has no stereotype, and all outgoing generalizations of specific class have stereotype, but some other outgoing generalizations of specific class have stereotype.



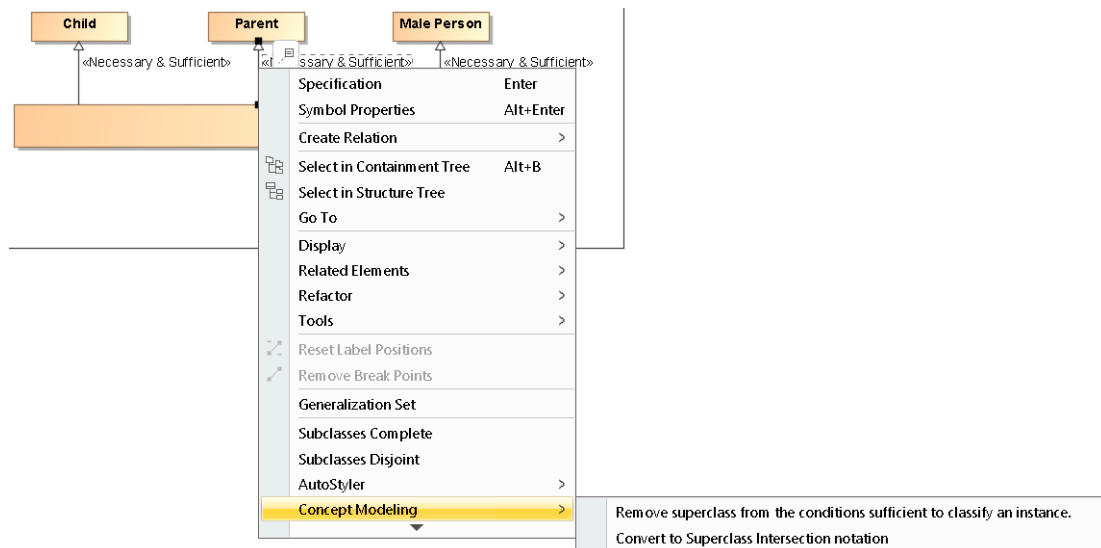
Case 4: Specific class of selected generalization has no stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have no stereotype, but some other outgoing generalizations of specific class have no stereotype.



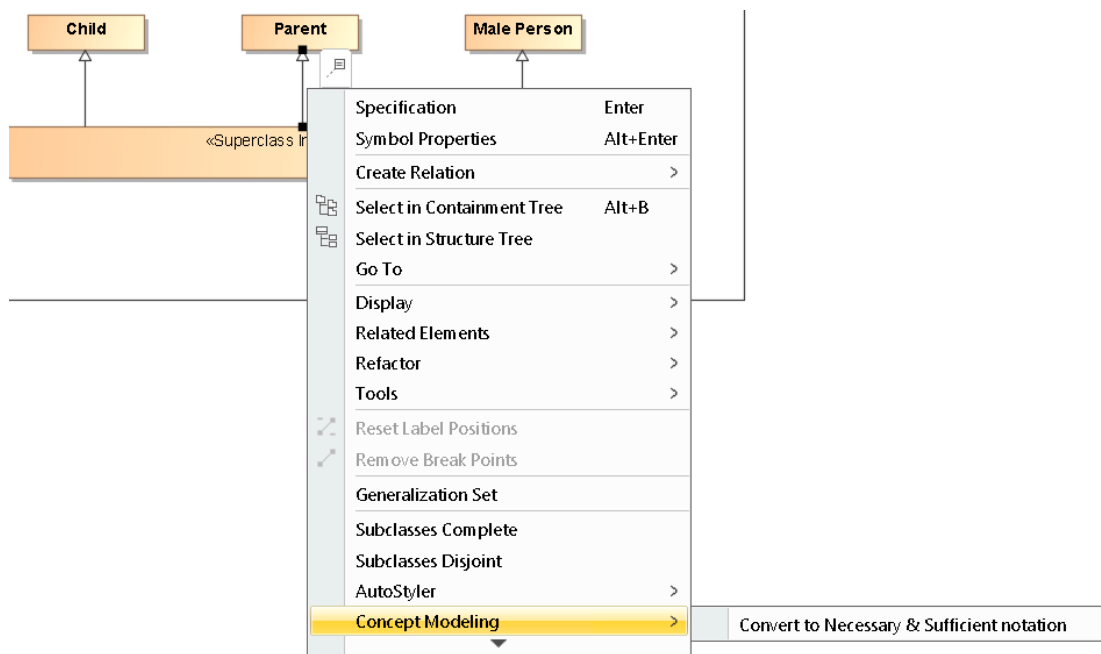
Case 5: Specific class of selected generalization has no stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have no stereotype, but some other outgoing generalizations of specific class have stereotype.



Case 6: Specific class of selected generalization has no stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have stereotype, but some other outgoing generalizations of specific class have stereotype.



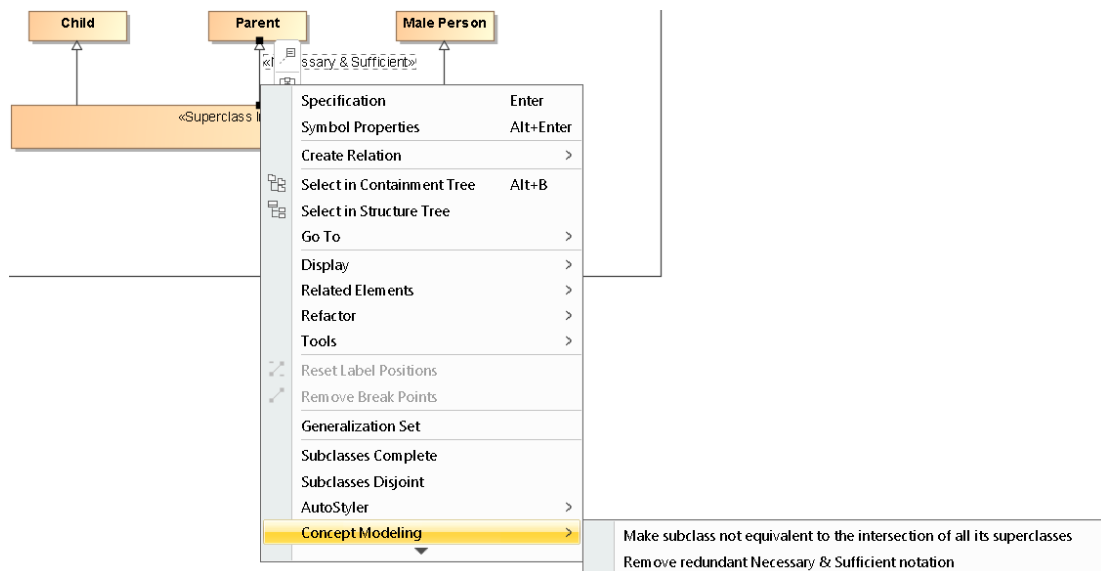
Case 7: Specific class of selected generalization has stereotype, selected generalization has no stereotype, and all outgoing generalizations of specific class have no stereotype, and some other outgoing generalizations of specific class have no stereotype.



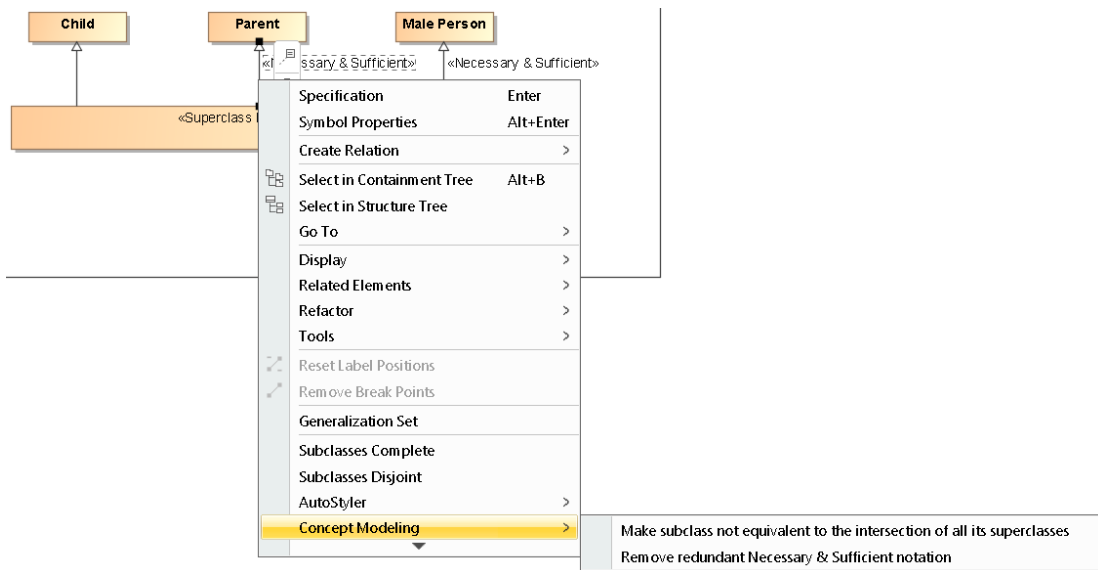
Case 8: Specific class of selected generalization has stereotype, selected generalization has no stereotype, and all outgoing generalizations of specific class have no stereotype, and some other outgoing generalizations of specific class have stereotype.

Case 9: Specific class of selected generalization has stereotype, selected generalization has no stereotype, and all outgoing generalizations of specific class have stereotype, and some other outgoing generalizations of specific class have stereotype.

Case 10: Specific class of selected generalization has stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have no stereotype, and some other outgoing generalizations of specific class have no stereotype.



Case 11: Specific class of selected generalization has stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have no stereotype, and some other outgoing generalizations of specific class have stereotype.



Case 12: Specific class of selected generalization has stereotype, selected generalization has stereotype, and all outgoing generalizations of specific class have stereotype, and some other outgoing generalizations of specific class have stereotype.

