

# Defining State Invariant

To define a State condition

- Double-click the State to open the **State** Specification window and in the **State Invariant** property value cell, type a condition and press Enter.
- Near the **State Invariant** property value cell, click the ... button. The **Edit State Invariant** dialog opens. Type the condition and close the dialog.

The State Invariant is displayed in square brackets on the State shape:

**Typing password**  
[State Invariant expression]

## Related Pages

- [Model Elements](#)
- [Stereotype](#)
- [State Machine diagram](#)

## Related pages

- [Assigning behavior to state](#)
- [Managing regions](#)
- [Changing state to composite/submachine /orthogonal state](#)
- [Connection Point Reference](#)
- [State Invariant](#)