

Model Values

An ordinary (untyped) model value is a special value that TLC considers to be different from any other value. If m is a model value, then TLC will obtain the value FALSE when it evaluate the expressions $m = \text{“abc”}$ and $m \in Int$. In fact, only if m is a model value will TLC evaluate $m \in Int$ and obtain the value FALSE. For example, it produces an error if it evaluates $\text{“abc”} \in Int$ because [the semantics of TLA⁺ do not specify whether or not “abc” is an integer](#).

To learn more about model values, see the Toolbox’s *Model Values and Symmetry* help page. To find that page, go to the *Model value* subsection of the *What is the model?* section of the *Model Overview Page* help page. That help page can be found from the help contents under

TLA⁺ Toolbox User’s Guide
Model Checking
Creating a Model
Model Overview Page