

## 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<sup>+</sup> 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<sup>+</sup> Toolbox User’s Guide*  
*Model Checking*  
*Creating a Model*  
*Model Overview Page*