Hi Folks,

The following table shows different (equivalent) terminology. The first column is a description of a term. The second column shows the terminology that the Software Abstractions book uses. The third column shows the terminology that logicians use. What other terminology do people use? Can you add another column, showing the terminology that some other group of people use? What terminology do mathematicians use? What terminology do linguists use?

|  |  |  |
| --- | --- | --- |
| **Description** | **Software Abstractions Terminology** | **Logic Terminology** |
| The thing you create in a .als file | model | specification |
| sig Foo {} | signature declaration | type declaration |
| The artifacts generated by the Alloy Analyzer | set of instances | stream of models |
| The thing that is evaluated by a SAT tool | boolean expression | theory (“theory” is logician-speak for "set of formulas") |
| The structure of the stuff in a .als file | Alloy syntax or Alloy grammar | surface syntax ("surface syntax" is the syntax that the tool supports) |

/Roger