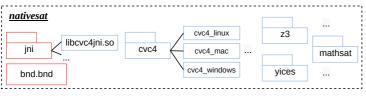
## **QAlloy**

This document highlights the modifications made to the original Alloy project structure during the development of the quantitative Alloy extension.

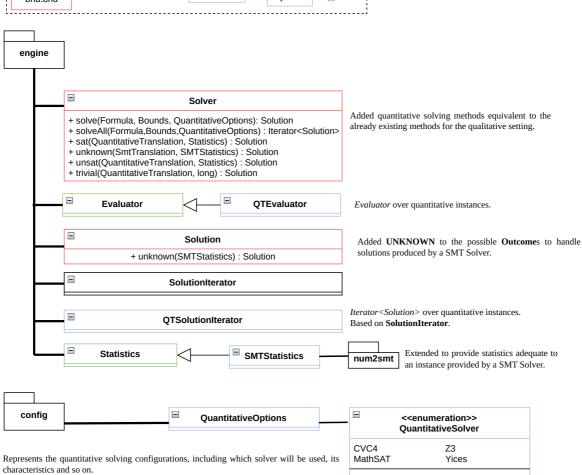
	If a file isn't shown or has a black outline, then it is unmodified
	New class.
	Minor changes to the class, mainly consisting of:  * removal of the final keyword at class level or  * class/constructor/method visibility change.  needed in order to make subclassing/access to the class possible
	Changes to previously existing classes

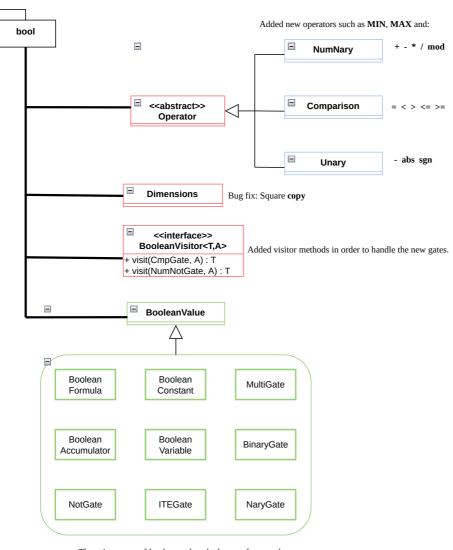
## **Kodkod**



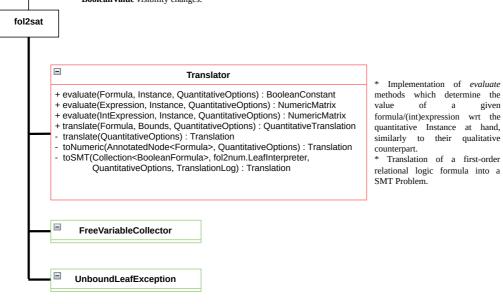
Added the JNI, dlls, ... and cross-platform binaries to Kodkod of all supported solvers, and adapted the project dependencies accordingly.

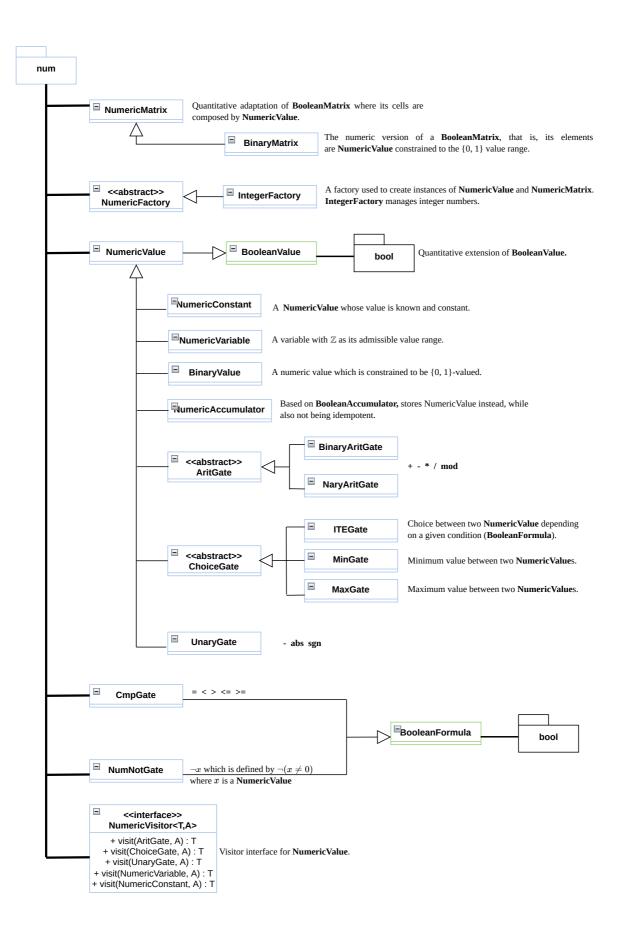
+ getSolver(String) : QuantitativeSolver + containsSolver(String) : boolean

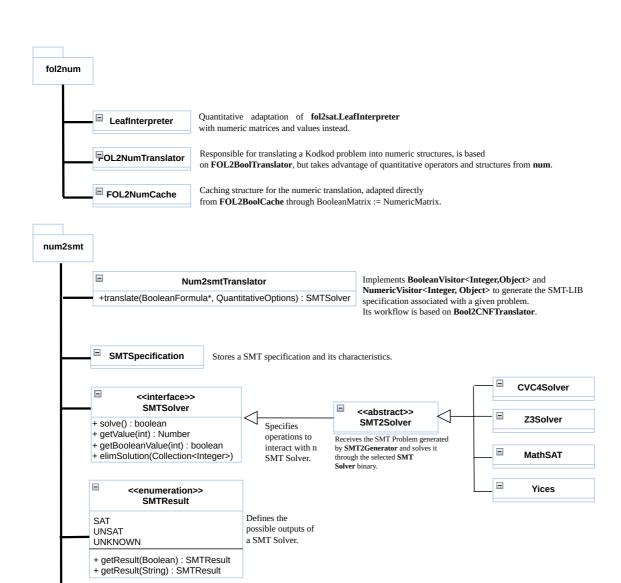




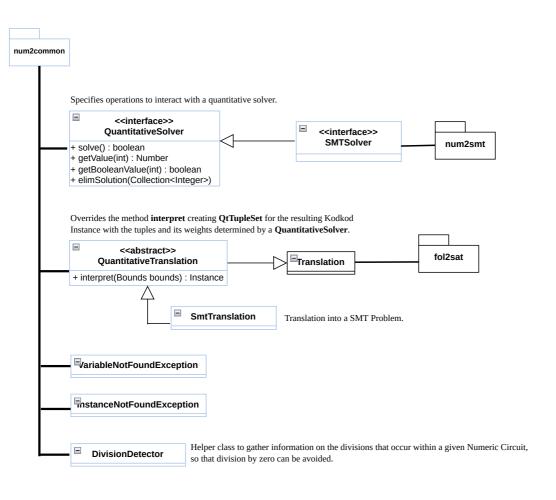
These instances of boolean values had to conform to the **BooleanValue** visibility changes.

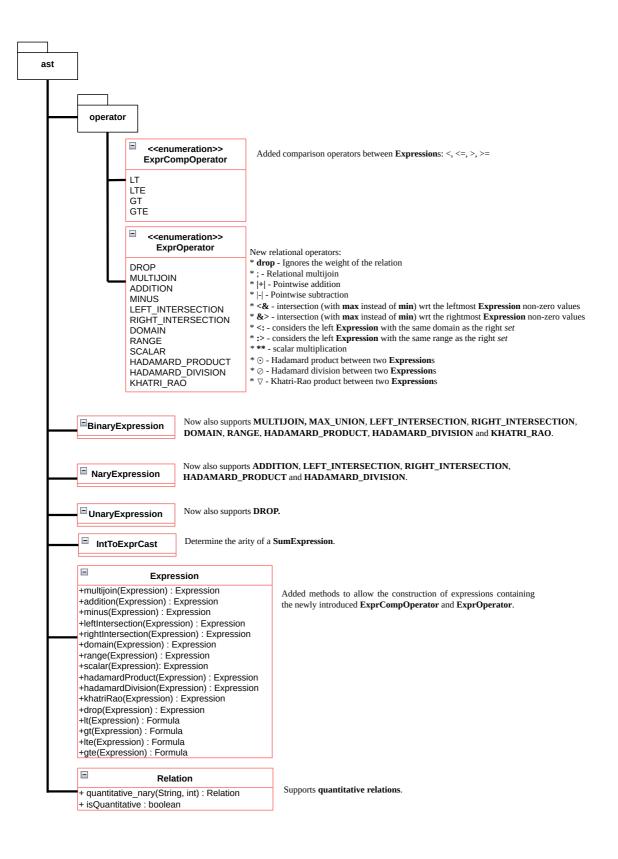


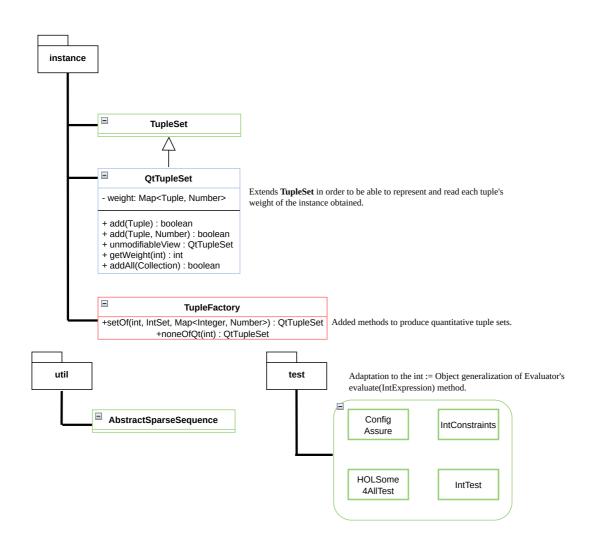




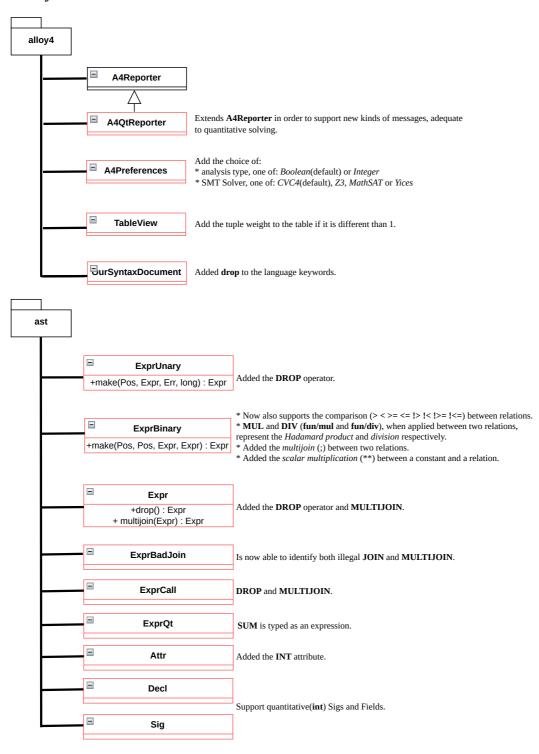
SMTStatistics

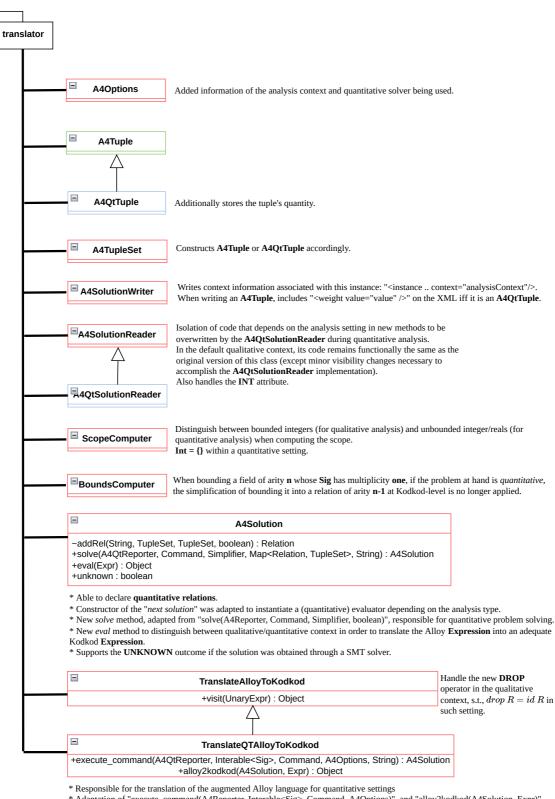




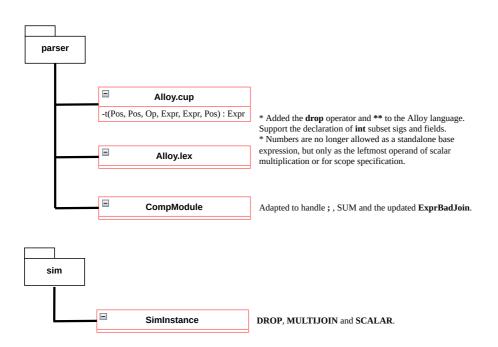


## Alloy - core





\* Adaptation of "execute\_command(A4Reporter, Interable<Sig>, Command, A4Options)" and "alloy2kodkod(A4Solution, Expr)" from **TranslateAlloyToKodkod** to handle quantitative Alloy problems.



## Alloy - application

