```
SolToBoogie.TranslatorFlags
+ NoCustomTypes
+ CreateMainHarness
+ NoBoogieHarness
+ InstrumentSums
+ NoSourceLineInfoFlag
+ NoDataValuesInfoFlag
+ NoAxiomsFlag
+ UseModularArithmetic
+ NoUnsignedAssumesFlag
+ NoHarness
+ GenerateInlineAttributes
+ ModelReverts
+ InstrumentGas
+ QuantFreeAllocs

    + LazyNestedAlloc

+ OmitAssumeFalseForDynDispatch
+ ModelOfStubs

    InlineDepthForBoogie

+ PerformContractInferce
+ DoModSetAnalysis
+ RemoveScopeInVarName
+ TranslatorFlags()
+ ModelStubsAsHavocs()
+ ModelStubsAsSkips()
+ ModelStubsAsCallbacks()
                  translatorFlags
  VeriSolRunner.VeriSolExecutor

    SolidityFilePath

    SolidityFileDir

    ContractName

 - CorralPath

    BoogiePath

    SolcPath

  TryProof
  TryRefutation
 - Logger
 - outFileName

    corralTraceFileName

    counterexampleFileName

    CorralRecursionLimit

 - CorralContextBound
 - ignoreMethods

    printTransactionSequence

  + VeriSolExecutor()
  + Execute()
  - FindProof()

    RunCorralForRefutation()

    DisplayTraceUsingConcurrency

 Explorer()
  FilterCorralTrace()
  ConvertTrace()
  ConvertFunctionName()
 PrintCounterexample()

    PrintCounterexampleHelper()

 ExecuteSolToBoogie()
 RunBinary()CompareCorralOutput()
 CompareBoogieOutput()
```