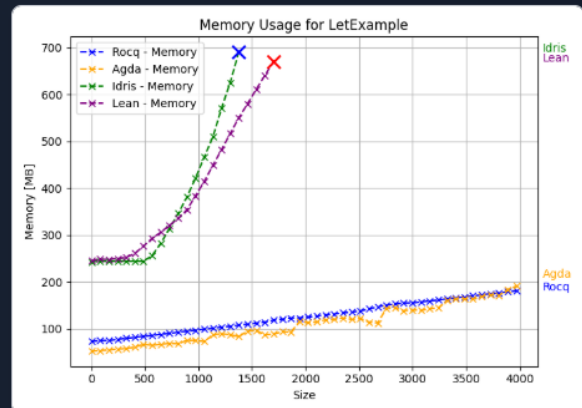
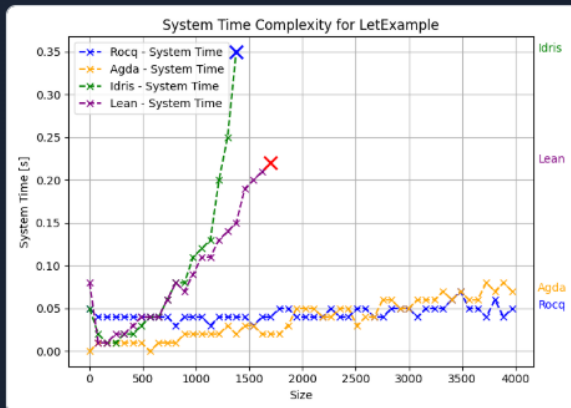
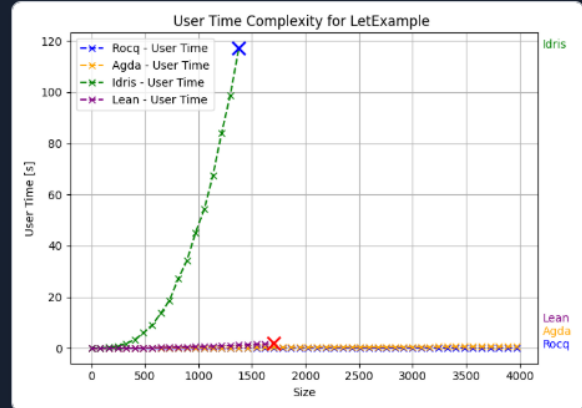
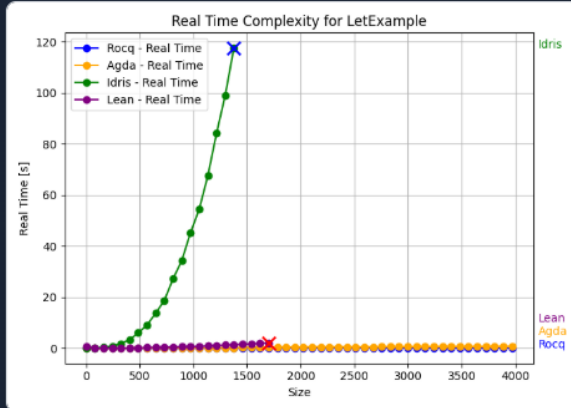


# Test 1: LetExample

## Test Case Results for System Benchmarking

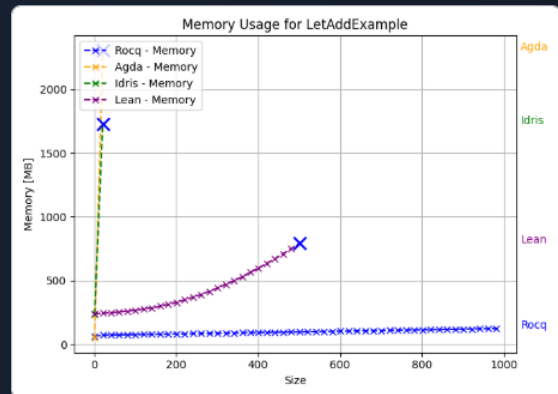
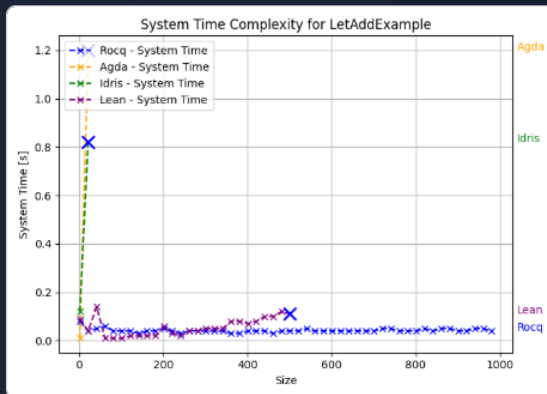
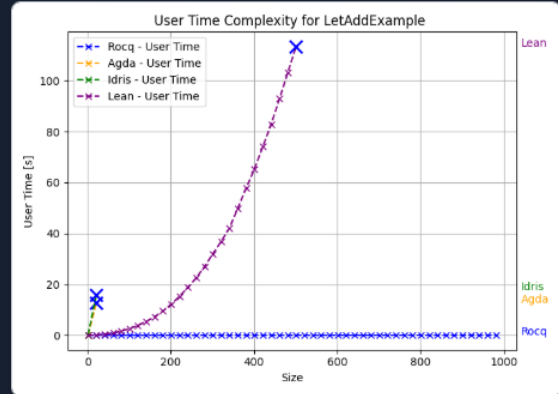
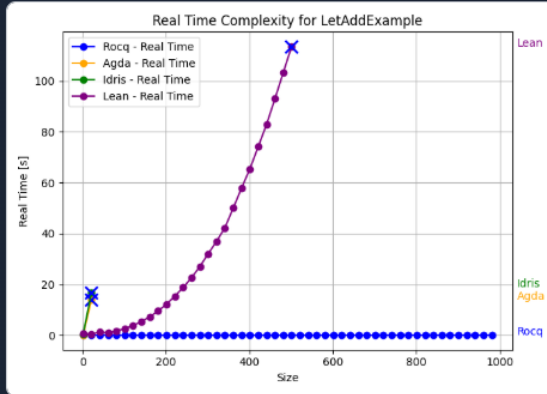
Results for LetExample - A series of N nested let statements



## Test 2: LetAddExample

### Test Case Results for System Benchmarking

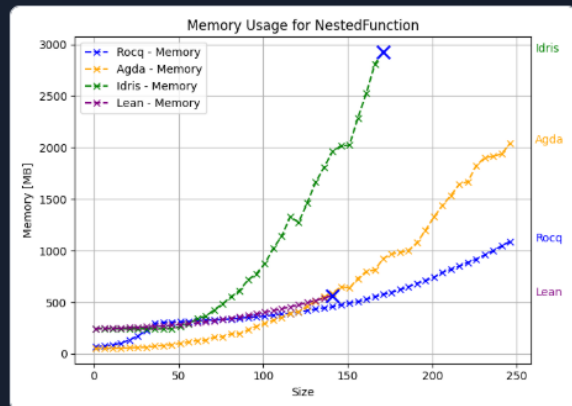
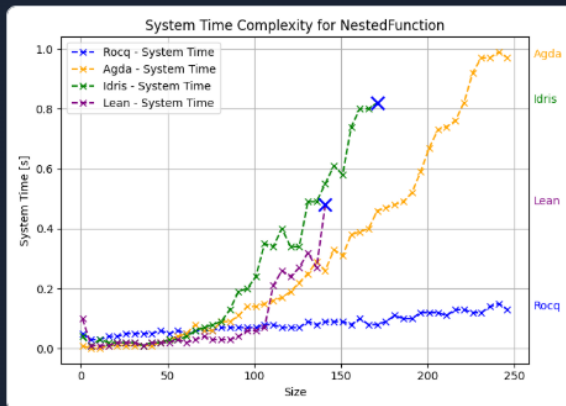
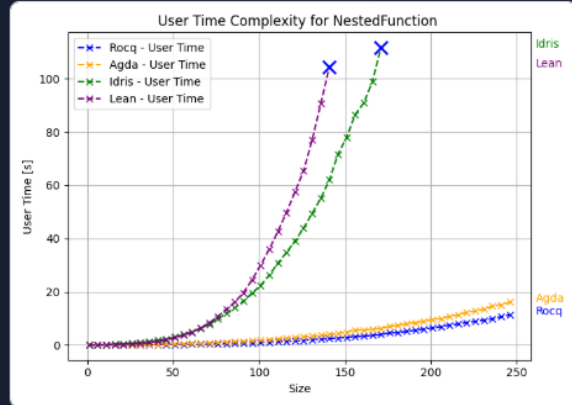
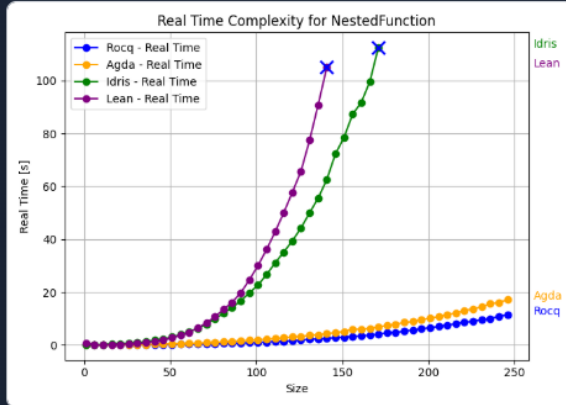
Results for LetAddExample - A series of N nested let statements that define and use sequential variables based on previous definitions



## Test 3: Nested Function

### Test Case Results for System Benchmarking

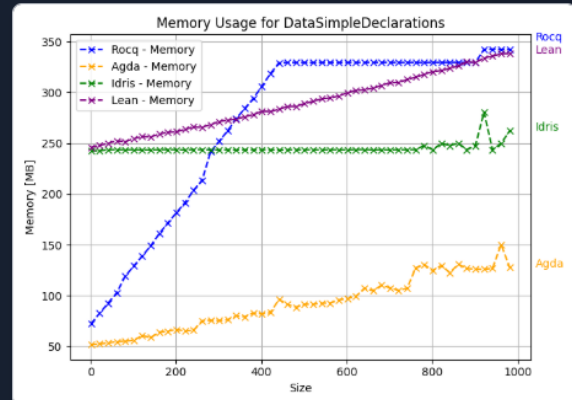
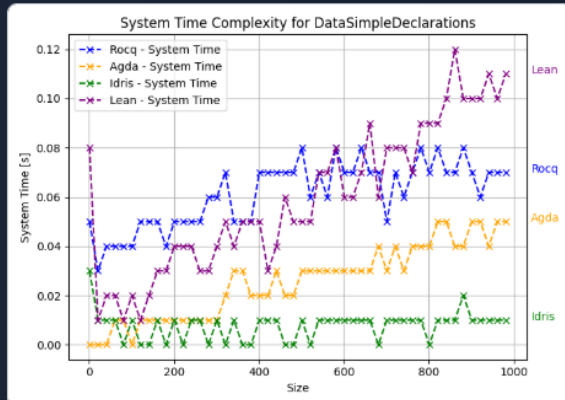
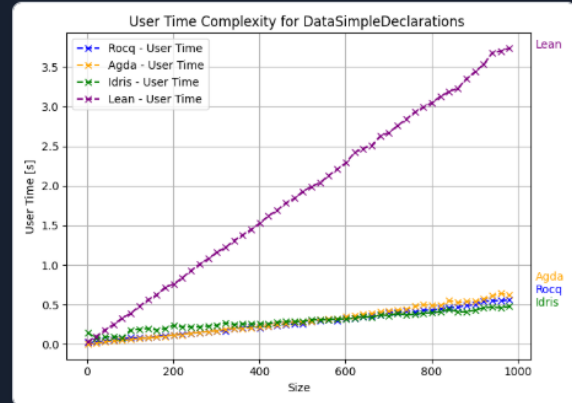
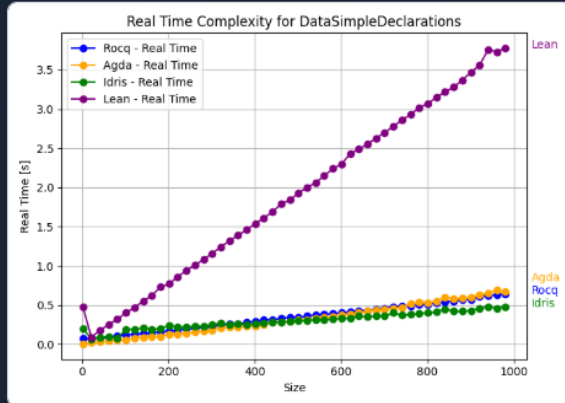
Results for NestedFunction - A series of N nested functions



## Test 4: DataSimpleDeclaration

### Test Case Results for System Benchmarking

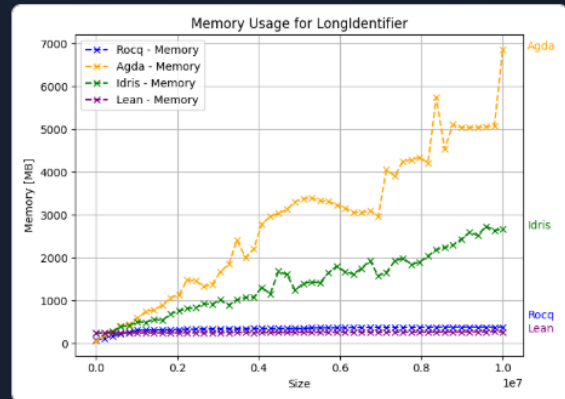
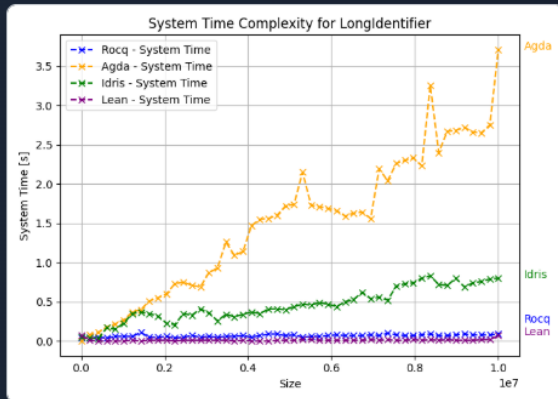
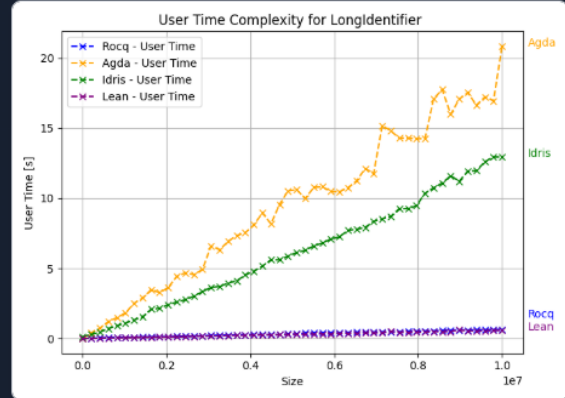
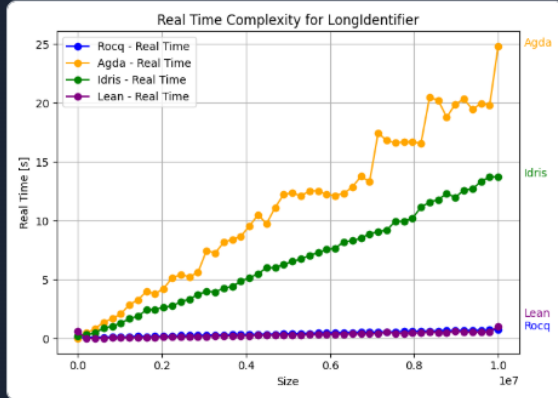
Results for DataSimpleDeclarations - A specified number of simple datatype declarations



## Test 5: LongIdentifier

### Test Case Results for System Benchmarking

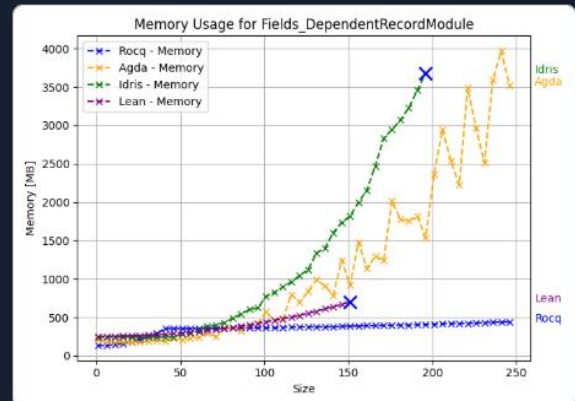
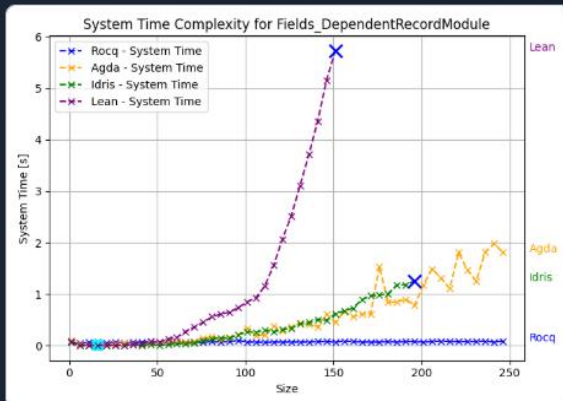
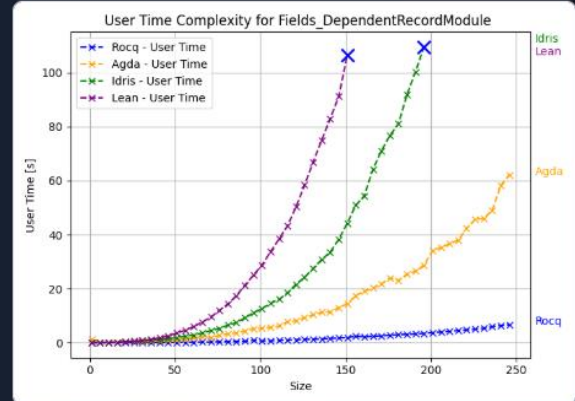
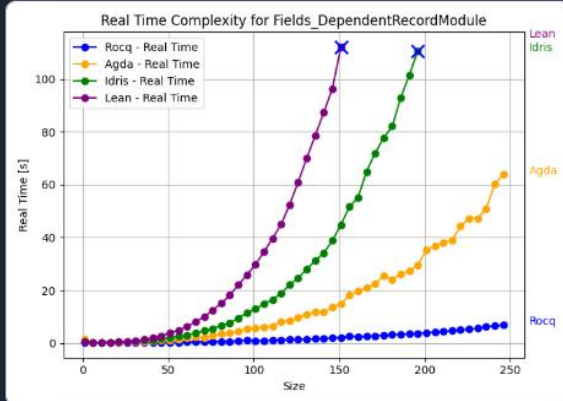
Results for LongIdentifier - Variable declaration with an identifier of a specified length



## Test 6: Fields\_DependentRecordModule

### Test Case Results for System Benchmarking

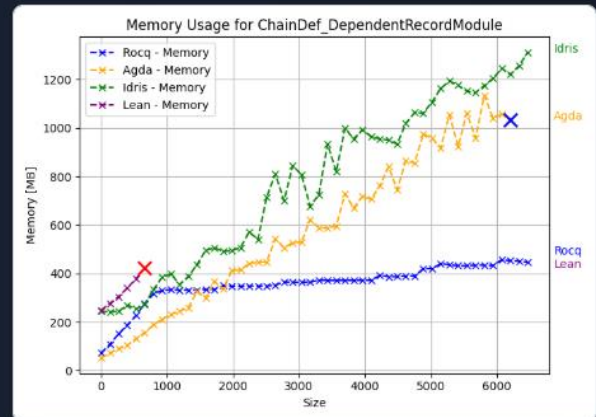
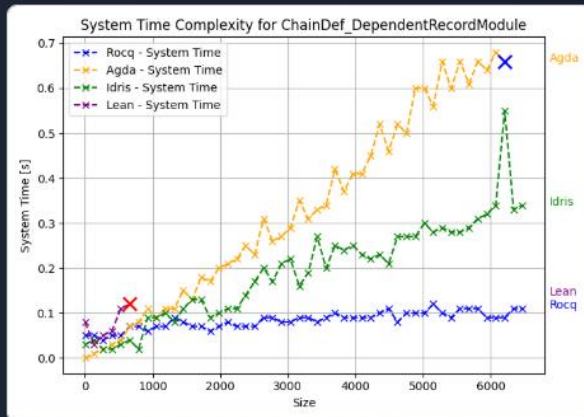
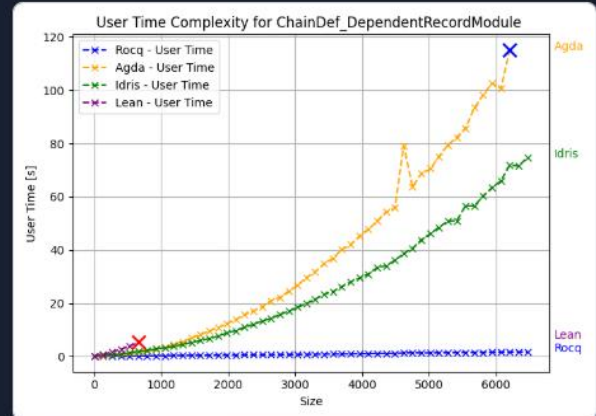
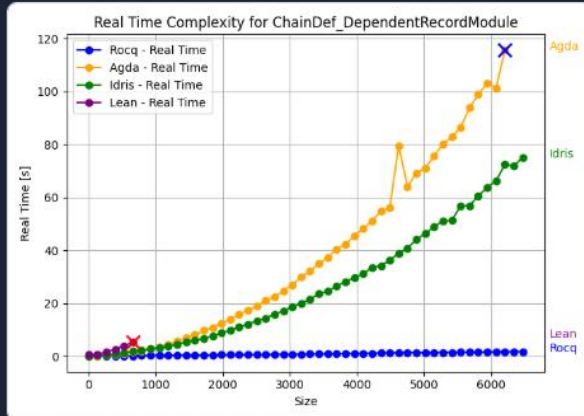
Results for Fields\_DependentRecordModule - A record declaration with N dependent fields



## Test 7: ChainDef\_DependentRecordModule

### Test Case Results for System Benchmarking

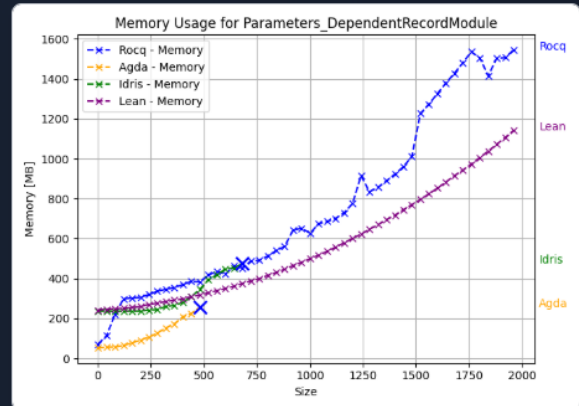
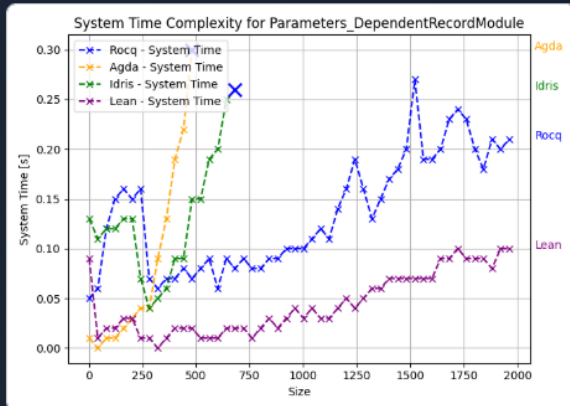
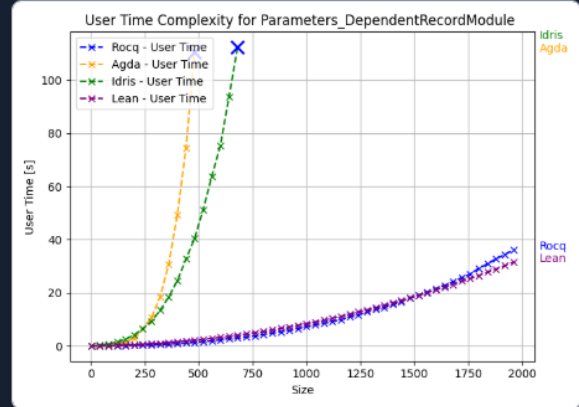
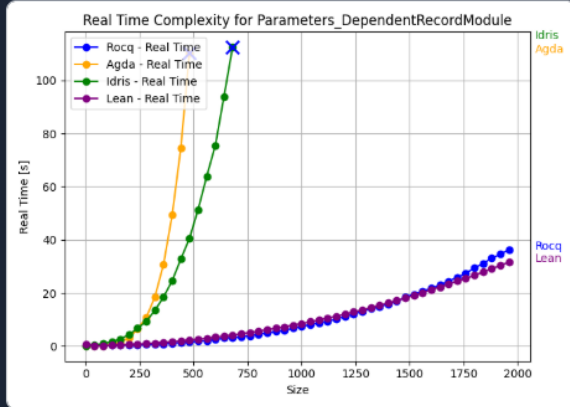
Results for ChainDef\_DependentRecordModule - A very long chain (N) of dependent record definitions



## Test 8: Parameters\_DependentRecordModule

### Test Case Results for System Benchmarking

Results for Parameters\_DependentRecordModule - A record with N parameters

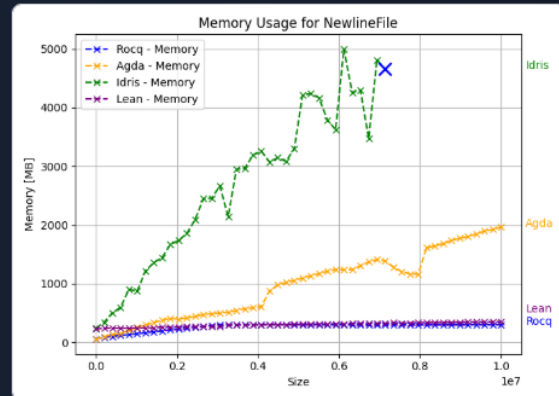
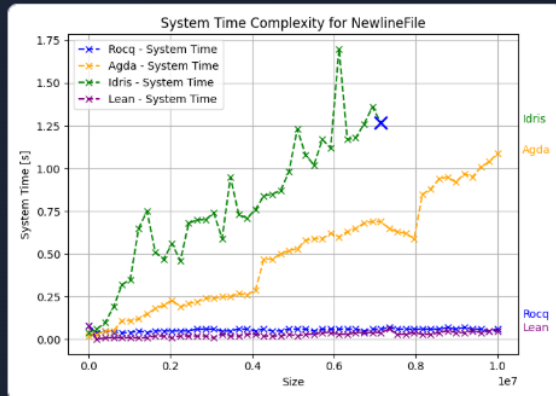
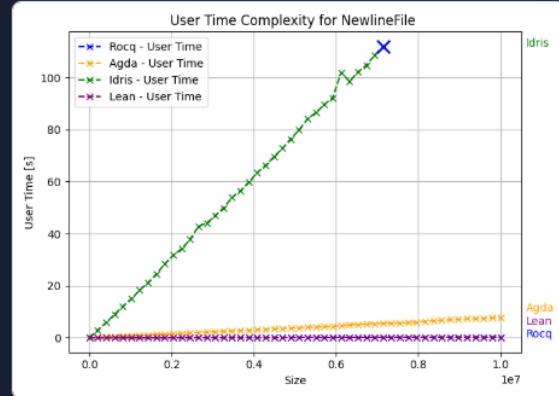
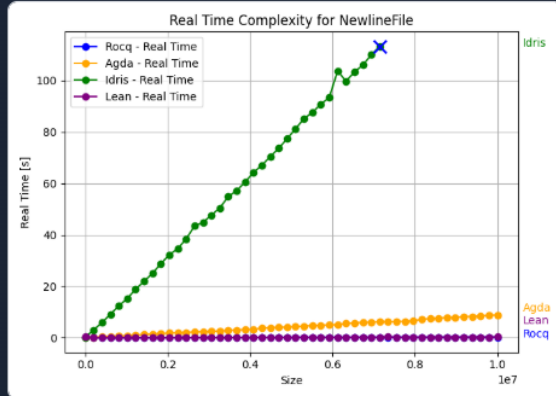




## Test 9: NewLineFile

### Test Case Results for System Benchmarking

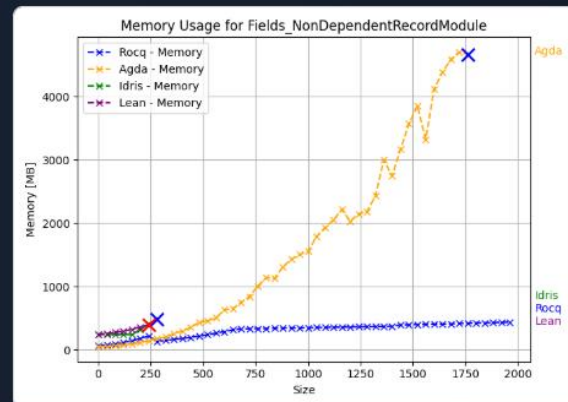
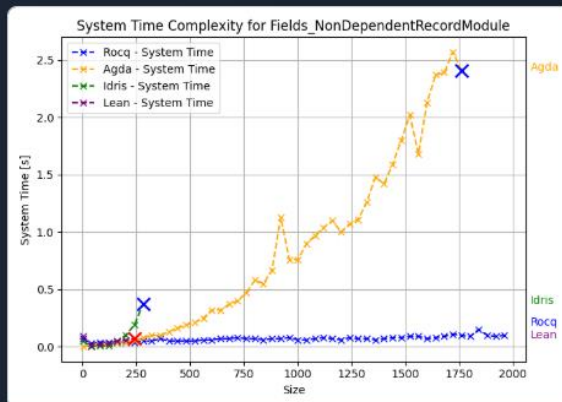
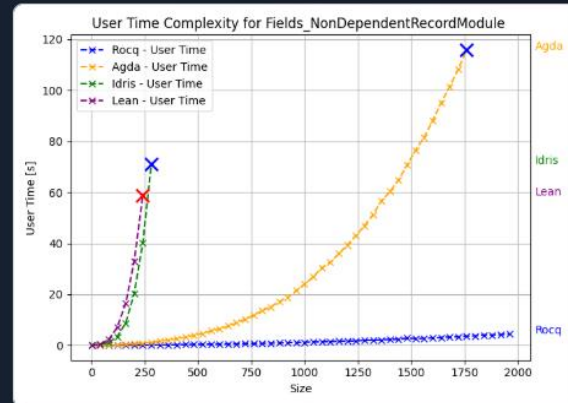
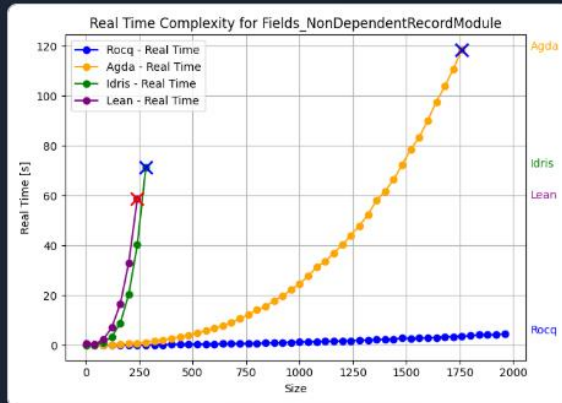
Results for NewlineFile - A file with N newlines



## Test 10: Fields\_NonDependentRecordModule

### Test Case Results for System Benchmarking

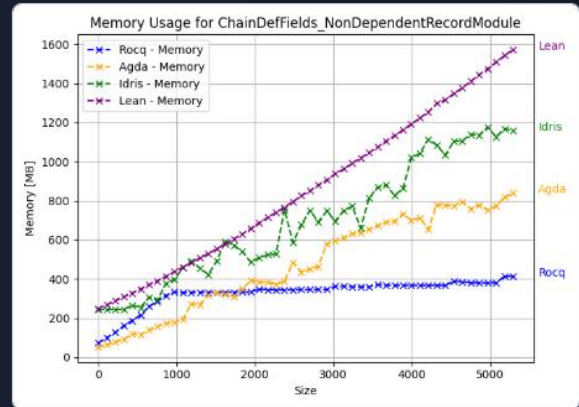
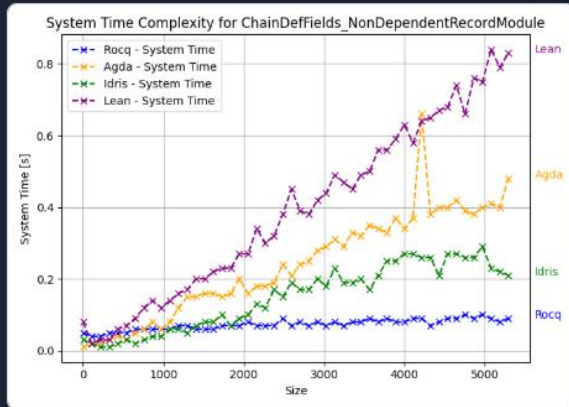
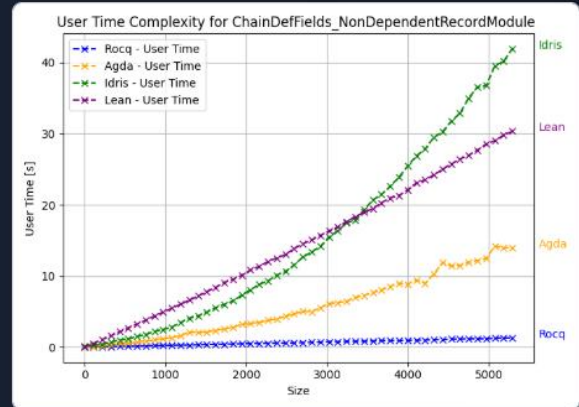
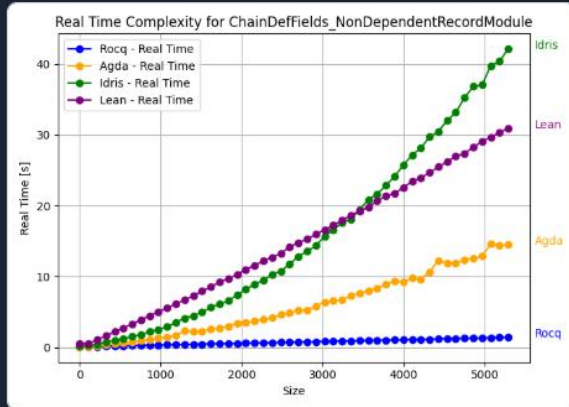
Results for Fields\_NonDependentRecordModule - A record declaration with N independent fields



## Test 11: ChainDefFields\_NonDependentRecordModule

### Test Case Results for System Benchmarking

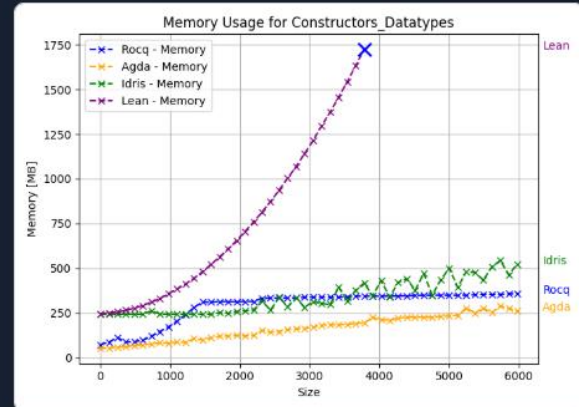
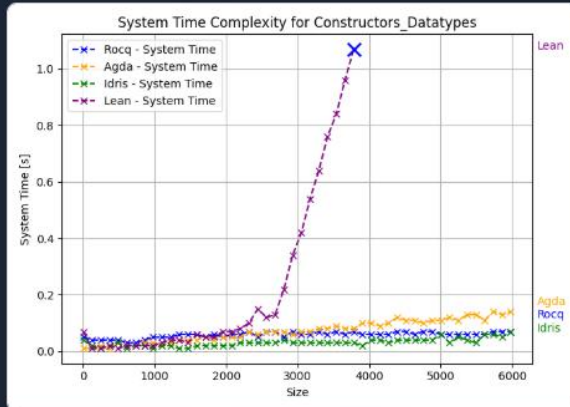
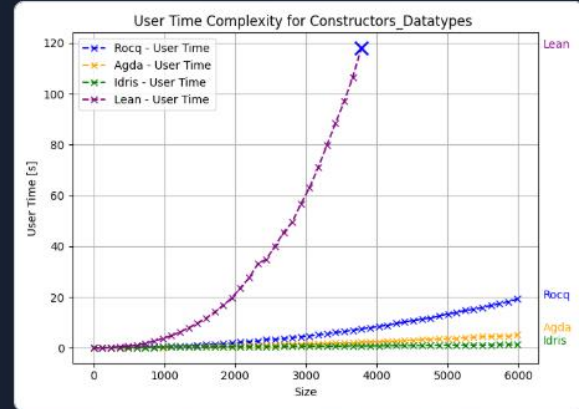
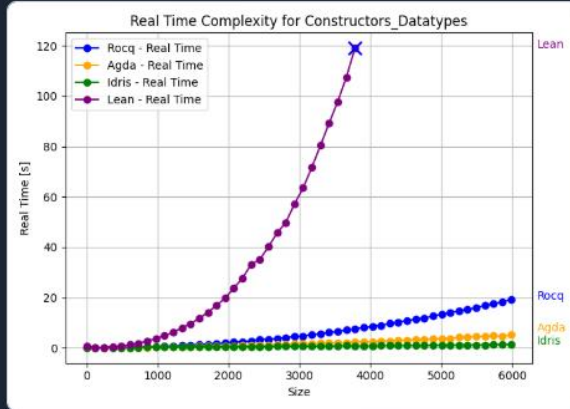
Results for ChainDefFields\_NonDependentRecordModule - A very long chain (N) of independent record definitions



## Test 12: Constructors\_Datatypes

### Test Case Results for System Benchmarking

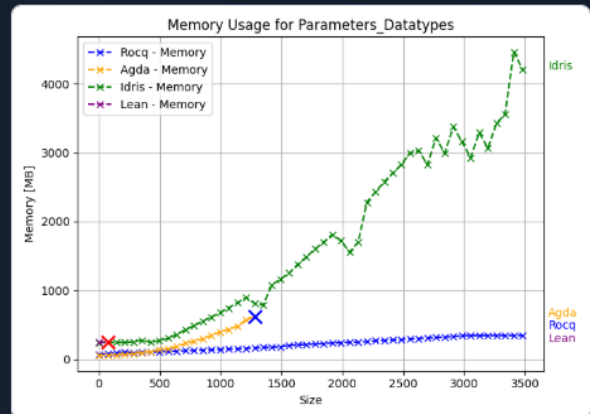
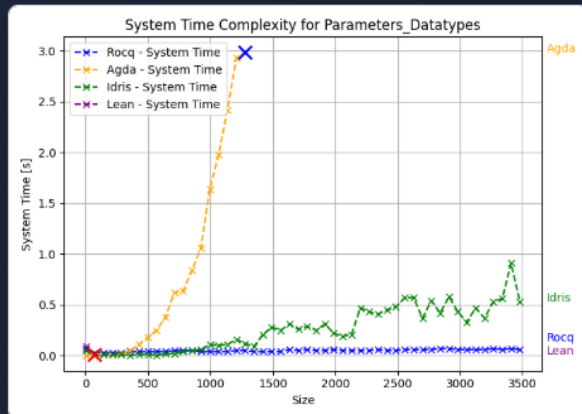
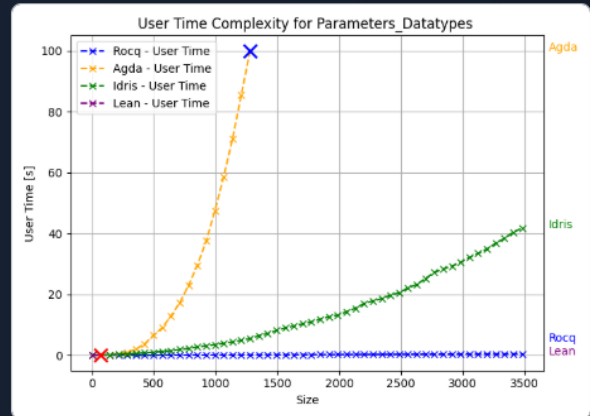
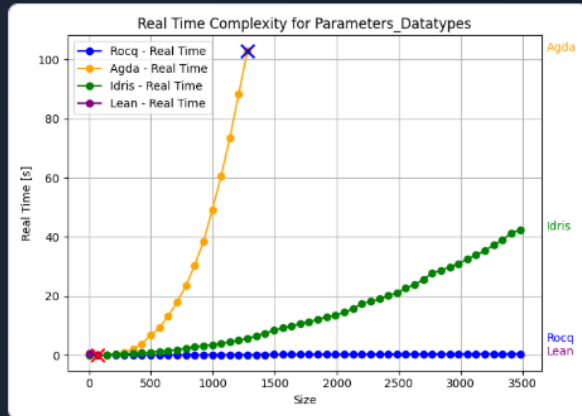
Results for Constructors\_Datatypes - A simple datatype with N constructors accepting no parameters



## Test 13: Parameters\_Datatypes

### Test Case Results for System Benchmarking

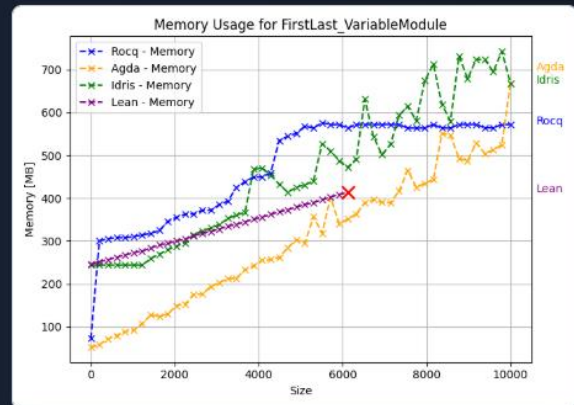
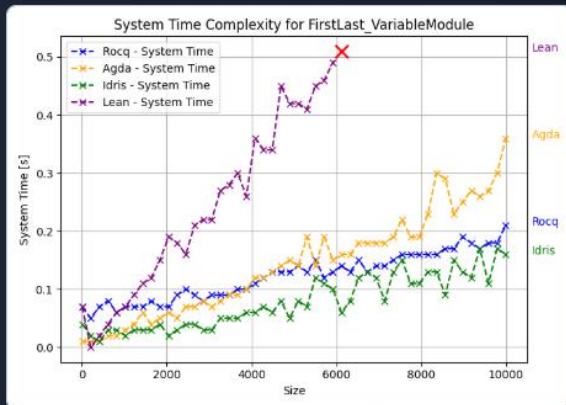
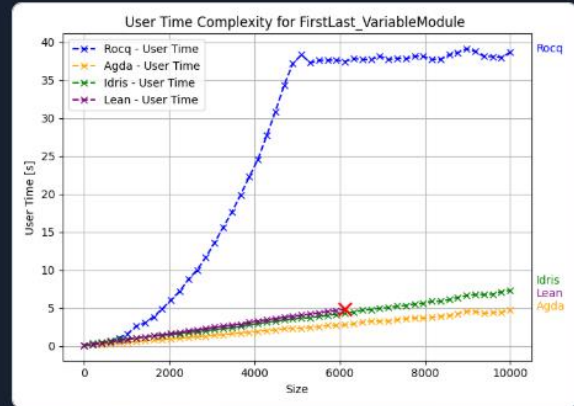
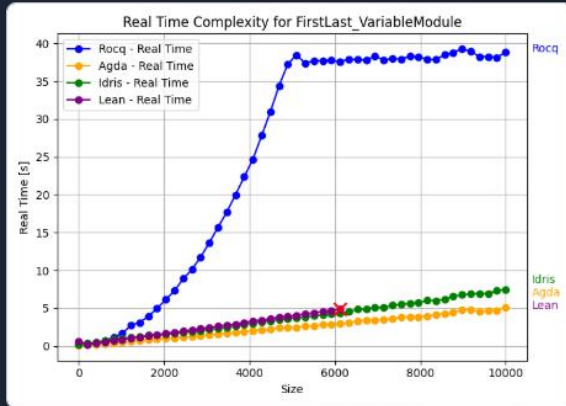
Results for Parameters\_Datatypes - A datatype with a single constructor accepting N parameters



## Test 14: FirstLast\_VariableModule

### Test Case Results for System Benchmarking

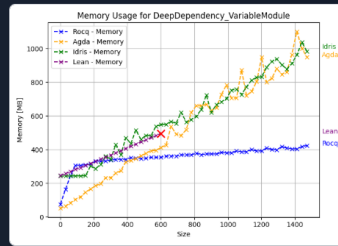
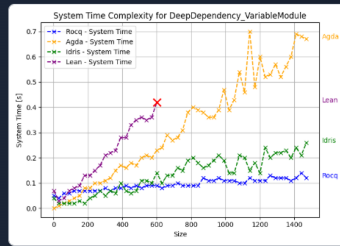
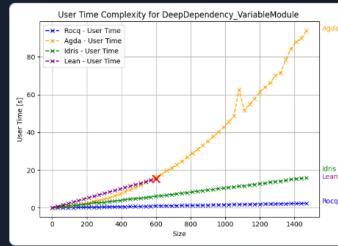
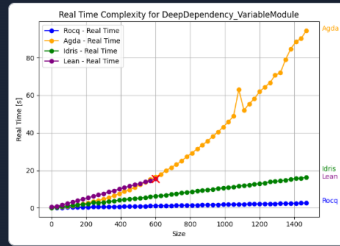
Results for FirstLast\_VariableModule - defines N variables, and uses both the first and last one in a declaration,  $N \geq 2$



# Test 15: DeepDependency\_Variable\_Module

## Test Case Results for System Benchmarking

Results for DeepDependency\_VariableModule - Defines a series of dependent variables, with 10 variables at each level of dependency, and then utilizes the innermost variables in a subsequent expression

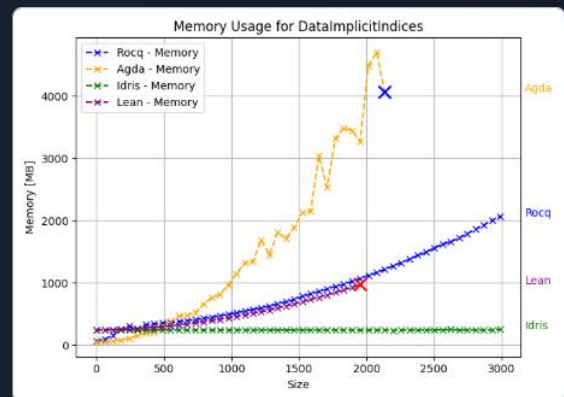
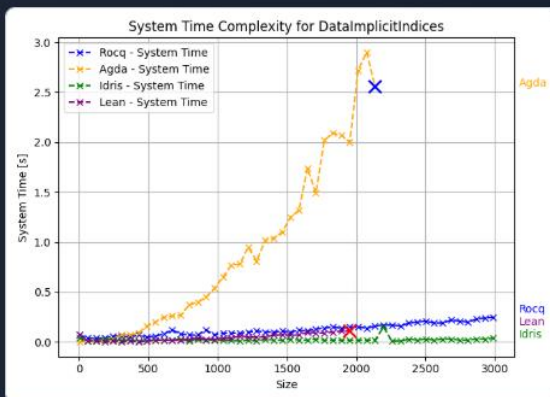
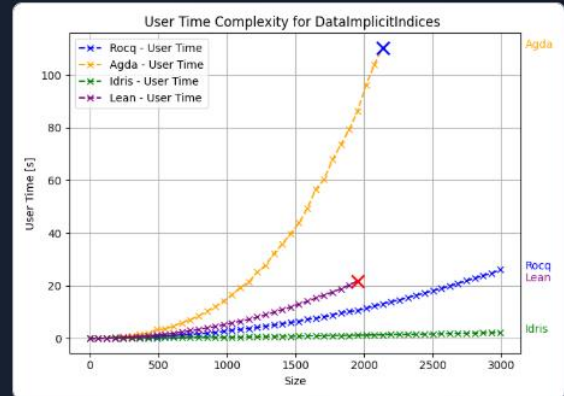
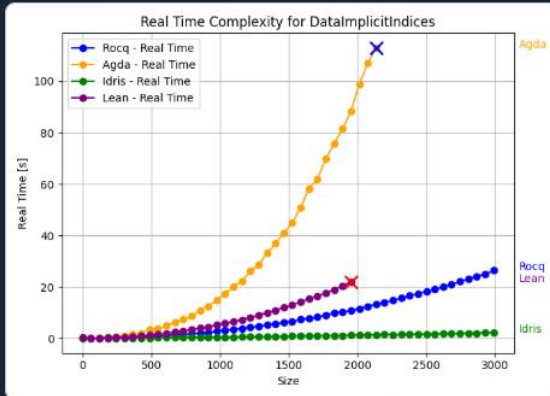




## Test 16: DataImplicitIndices

### Test Case Results for System Benchmarking

Results for DataImplicitIndices - A simple datatype declaration with a specified number of indices, defined implicitly



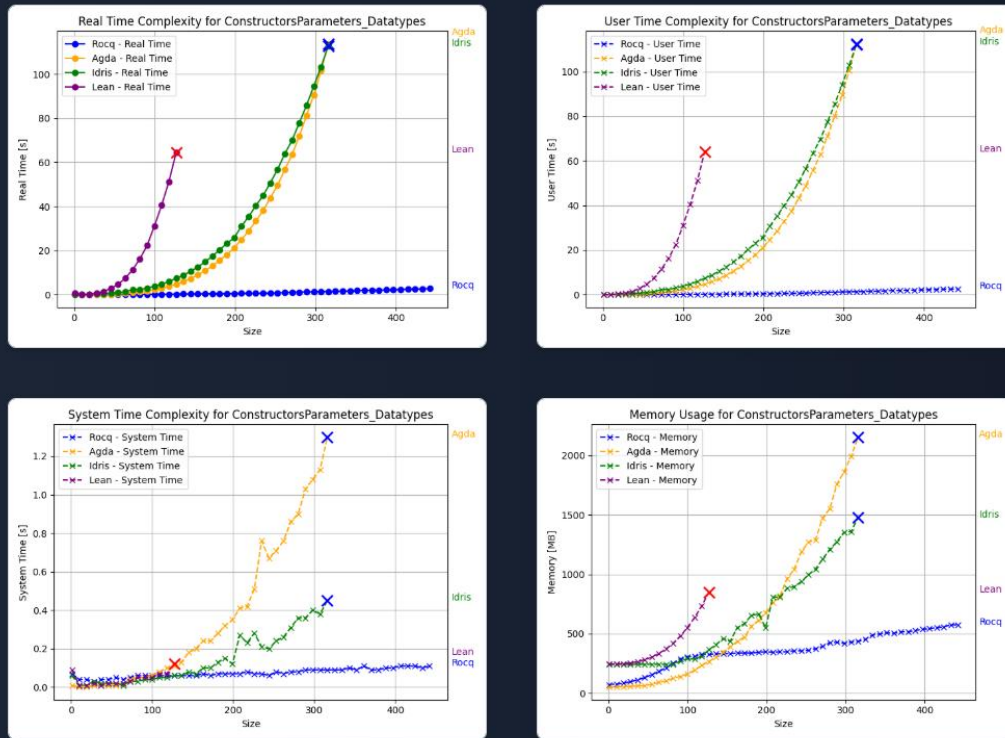


## Test 17: SingleLongLine

## Test 18: ConstructorsParameters\_Datatypes

### Test Case Results for System Benchmarking

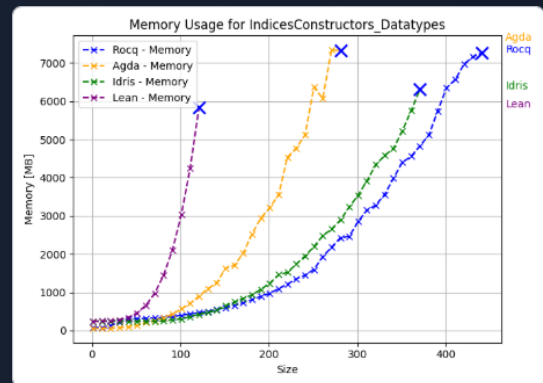
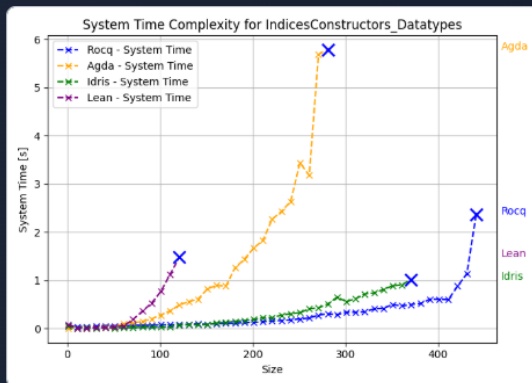
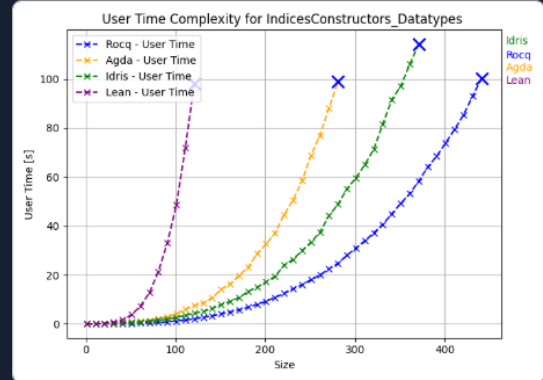
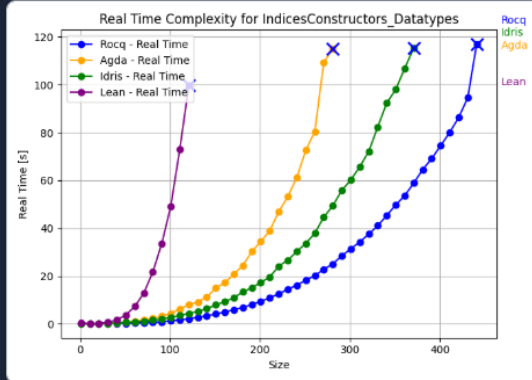
Results for ConstructorsParameters\_Datatypes - A single datatype where N represents the number of 'Type' parameters, all needed for N constructors



## Test 19: IndicesConstructors\_Datatypes

### Test Case Results for System Benchmarking

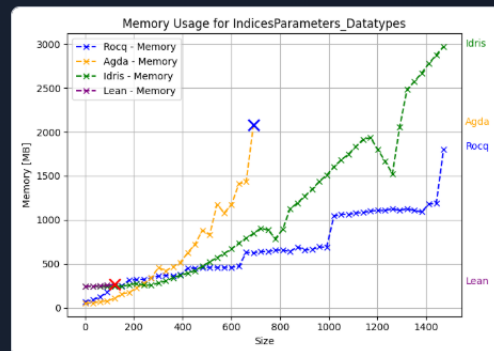
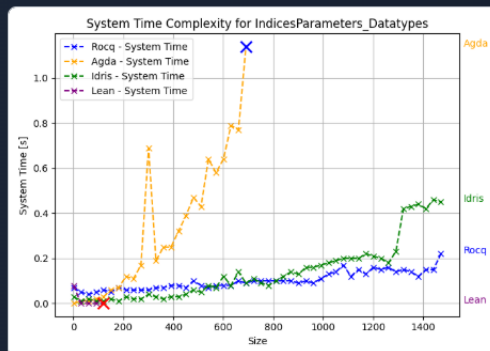
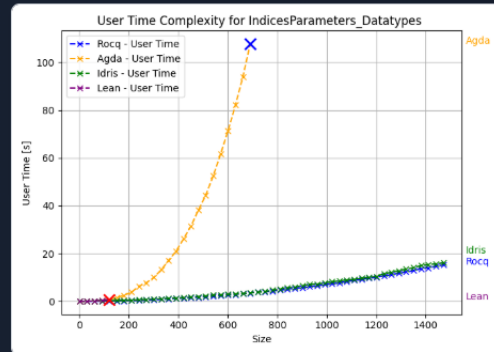
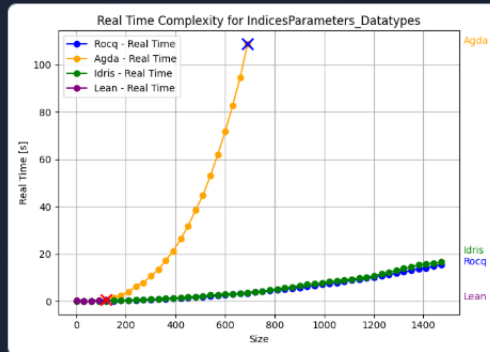
Results for IndicesConstructors\_Datatypes - A single datatype where N represents the number of indices, all needed for N constructors



## Test 20: IndicesParameters\_Datatypes

### Test Case Results for System Benchmarking

Results for IndicesParameters\_Datatypes - A single datatype where N represents the number of 'Type' parameters as well as the number of indices



## Test 21: PatternMatching\_Datatypes

### Test Case Results for System Benchmarking

Results for Pattern\_Matching\_Datatypes - A function pattern matching on N constructors of a datatype

