

TimeTraveling Queries

Quick usage reference



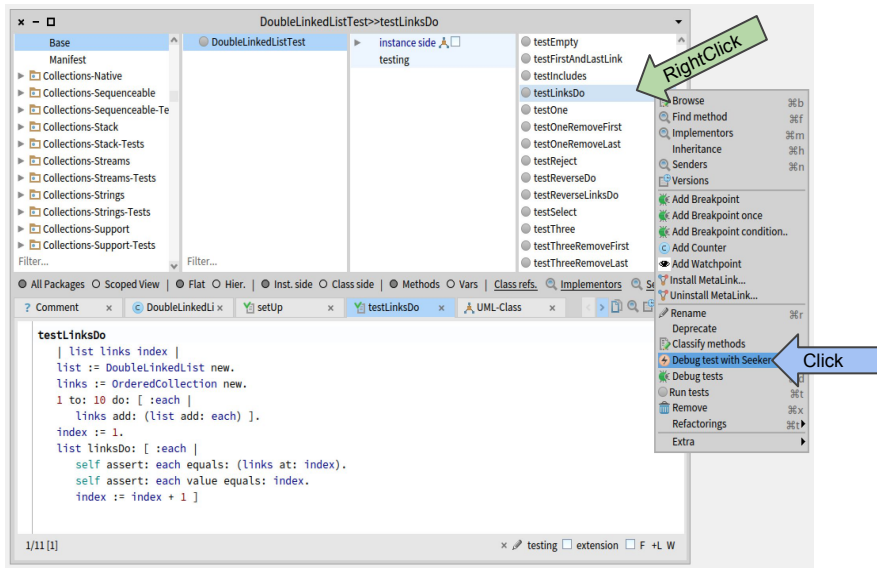


How to use them

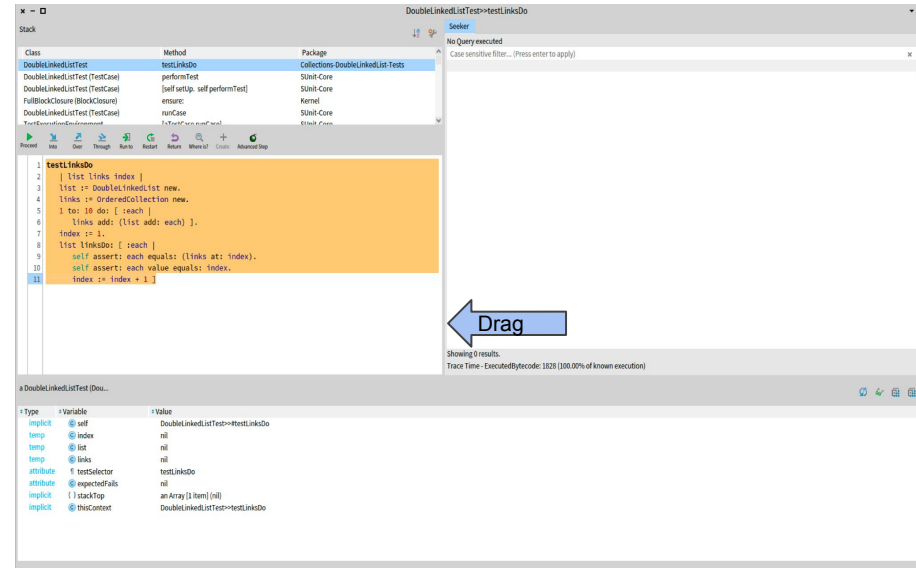
- I. Debug a test case
- II. Query it
- III. Results and Time-Travel

To access the example (also described in the readme), go to the **Library** world menu and select **Seeker Warmup**

I. Debugging a test case with SeekerDebugger

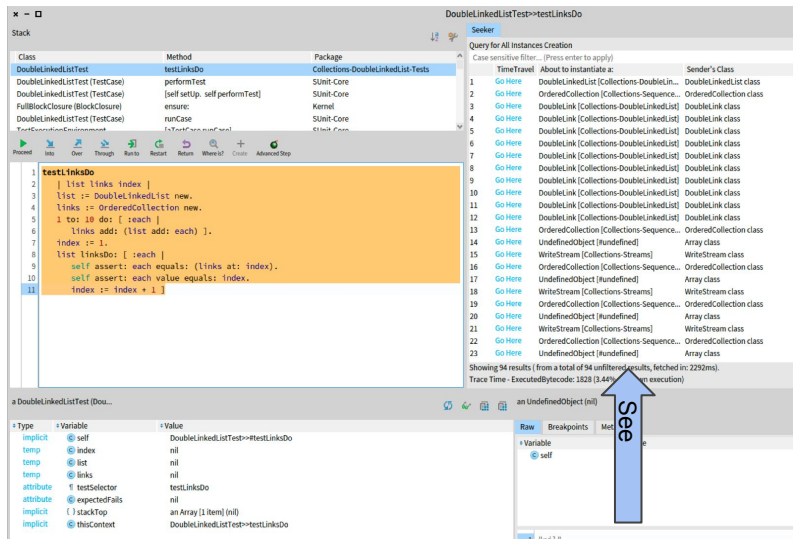
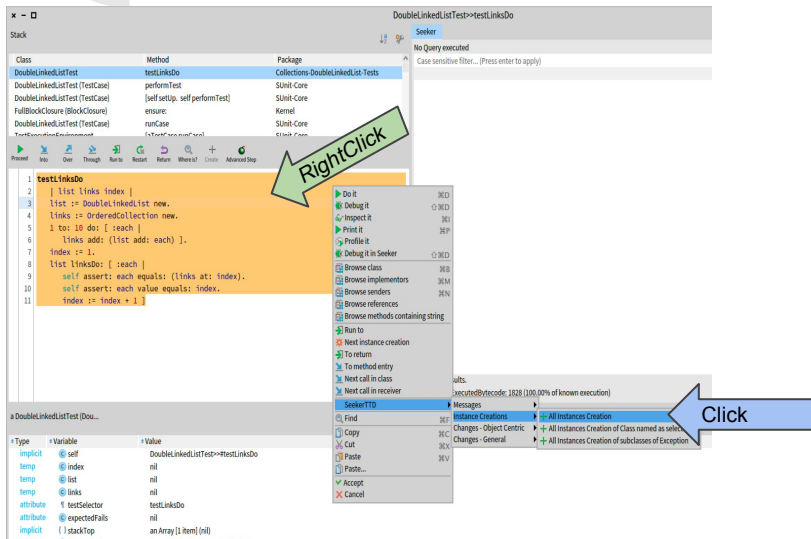


1. Browse a test case. **Select it from the list at the right.** Right click on the test case and press the **“Debug test with Seeker”** command.



1.1 (Optional). Maximize the opened debugger window and adjust the **separator** until it is at **50%** of the window width

II. Querying the debugged execution



Once a query is issued from the menu, and after a few moments, the results of the query appear on the **right side**.

SeekerDebugger will “internally” execute the test case, from start to finish, analyzing the execution to obtain the results of a query.

2. **Right click** in the **Code presenter**, and **select a Query** from the **SeekerQueries** command group.

III. Results and Time-Travel

Stack

Class	Method	Package
DoubleLinkedListTest	testLinksDo	Collections-DoubleLinkedList-Tests
DoubleLinkedListTest (TestCase)	performTest	Stank-Core
DoubleLinkedListTest (TestCase)	[self setup, self performTest]	Stank-Core
FullBlockClosure (BlockClosure)	ensure	Kernel
DoubleLinkedListTest (TestCase)	runCase	Stank-Core
TestRunner (Environment)	runCase	Stank-Core

Query for All Instances Creation

TimeTravel	About to instantiate	Sender's Class
1	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
2	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
3	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
4	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
5	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
6	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
7	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
8	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
9	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
10	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)
11	Go Here	DoubleLinkedList (Collections-DoubleLinkedList)

Showing 11 results (from a total of 94 unfiltered results, fetched in: 2292ms).
Trace Time - ExecutedByBytecode: 1828 (144% of known execution)

a DoubleLinkedListTest (Do...)

Type	Variable	Value
implicit	@ self	DoubleLinkedListTest::testLinksDo
temp	@ index	nil
temp	@ list	nil
temp	@ links	nil
attribute	! testSelector	testLinksDo
attribute	@ expectedFails	nil
implicit	() stackTop	an Array (1 item) (nil)
implicit	@ thisContext	DoubleLinkedListTest::testLinksDo

an UndefinedObject (nil)

Raw Breakpoints Meta

Variable	Value
@ self	nil

Stack

Class	Method	Package
DoubleLink class (Behavior)	new	Kernel
DoubleLink class	value	Collections-DoubleLinkedList
SmallInteger (Object)	asDoubleLink	System-Caching
DoubleLinkedList	addLast	Collections-DoubleLinkedList
DoubleLinkedList	add	Collections-DoubleLinkedList
DoubleLinkedList	testLinksDo	Collections-DoubleLinkedList-Tests

Query for All Instances Creation

TimeTravel	About to instantiate	Sender's Class
1	Go Here	DoubleLink (Collections-DoubleLinkedList)
2	Go Here	DoubleLink (Collections-DoubleLinkedList)
3	Go Here	DoubleLink (Collections-DoubleLinkedList)
4	Go Here	DoubleLink (Collections-DoubleLinkedList)
5	Go Here	DoubleLink (Collections-DoubleLinkedList)
6	Go Here	DoubleLink (Collections-DoubleLinkedList)
7	Go Here	DoubleLink (Collections-DoubleLinkedList)
8	Go Here	DoubleLink (Collections-DoubleLinkedList)
9	Go Here	DoubleLink (Collections-DoubleLinkedList)
10	Go Here	DoubleLink (Collections-DoubleLinkedList)
11	Go Here	DoubleLink (Collections-DoubleLinkedList)

Showing 11 results (from a total of 94 unfiltered results, fetched in: 2292ms).
Trace Time - ExecutedByBytecode: 2155 (4.05% of known execution)

a DoubleLink class (DoubleLink...)

Type	Variable	Value
implicit	@ self	DoubleLink
attribute	@ superclass	Object
attribute	() methodDict	a MethodDictionary (11 items) (#asDoubleLink=>#asDoubleLink #asSpotterDoubleLink=>#asSpotterDoubleLink #asFormat=>#asFormat #asLayout=>#asLayout #asOrganization=>#asOrganization #asSubclasses=>#asSubclasses #asName=>#asName #asClassPool=>#asClassPool)
attribute	! format	65539
attribute	@ layout	a FixedLayout
attribute	@ organization	a ClassOrganization
attribute	() subclasses	an Array (4 items) (GTSpotterCandidateLink GTSpotterProcessorLink SSSpotterCandidateLink SSSpotterCandidateLink)
attribute	! name	DoubleLink
attribute	() classPool	a Dictionary (0 items) {}

an UndefinedObject (nil)

Raw Breakpoints Meta

Variable	Value
@ self	nil

3. Results can be filtered using the **results text filter**. Submit the filter by pressing enter.

4. Click on the link **column** of a result item to **Time-Travel** to that event.