

Settings

General Settings

Resource Analysis (SACO)

Resource Analysis (SRA)

MHP Analysis

Deadlock Analysis (SACO)

General Settings

Resource Analysis (SACO)

Profile: Default Load Profile

Cost model	Steps	
Cost centers	No	
Asymptotic bounds	no	
Size abstraction for terms	Size	
Symbolic or numeric UBs (for memory and objects)	Numeric	
Debug information		

Close Restore Default

Resource Analysis (SACO) ▾

Resource Analysis (SACO)

Resource Analysis (SRA)

MHP Analysis

Deadlock Analysis (SACO)

Deadlock Analysis (DSA)

ABS Syntax Checker

Simulator (Erlang)

ABS Main Generator

ABS Smart Deployer

Tools Menu

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CostCenters.absBookShop.absDistHT.abs

```
1 module Running;
2 import * from ABS.StdLib;
3
4 interface MainTest {
5   Unit main (Int n, Int m);
6 }
7
8 class MainImpl implements MainTest {
9   Unit main (Int n, Int m) {
10     ServerInterface y = new local Server(null);
11     y!start(n,m);
12   }
13 }
14
15 interface ServerInterface {
16   Bool initDAO ();
17   Unit start(Int n,Int m);
18 }
19
20 interface HandlerInterface {
21   Unit run2 (Int m);
22 }
23
24 interface DAOInterface {
25   Bool initDB ();
26   Bool query(Int m);
27 }
28
29
30 class Server (DAOInterface dao) implements ServerInterface {
31   Unit start(Int n,Int m) {
32     Fut<Bool> b = this!initDAO ();
33     await b?;
34     while(n > 0) {
35       HandlerInterface h = new local Handler(this.dao);
36       h!run2(m);
37       n = n - 1;
38     }
39   }
40   Bool initDAO () {
41     this.dao = new local DAO (null);
42   }
43 }
```

Module Running

Class MainImpl

main

Class Server

start

initDAO

Class Handler

run2

Class DAO

initDB

query

Class DB

exec

main

main block

Module ABS.SmartDeploy

Default Console

Default Console

Pointsto analysis performed in 1 ms.
LMhp analysis performed in 1 ms.
Mhp graph created in 1 ms.
Closure time 3 ms.
Direct mhp time 0 ms.
Indirect mhp time 7 ms.
Generated out names 1 ms.
MHP:
L8 (Entry)[MainImpl.main(-[5,main]-)] || L82 (Sync call)[main(-[main]-)]
L11 (Exit)[MainImpl.main(-[5,main]-)] || L30 (Entry)[Server.start(-[1,5]-)]
L11 (Exit)[MainImpl.main(-[5,main]-)] || L38 (Exit)[Server.start(-[1,5]-)]
L11 (Exit)[MainImpl.main(-[5,main]-)] || L32 (Await)[Server.start(-[1,5]-)]
L11 (Exit)[MainImpl.main(-[5,main]-)] || L40 (Entry)[Server.initDAO(-[1,5]-)]

Code Editor

Outline

File-Manager

Console