

LNT RFC: LNT/Test-suite support for custom metrics and test parameterization

The following RFC describes two LNT enhancements:

- Custom (extensible) metrics
- Test parameterization

There are separate sections describing these proposals and patches can be independent. However, code examples, diagrams and screenshots in the document show both enhancements.

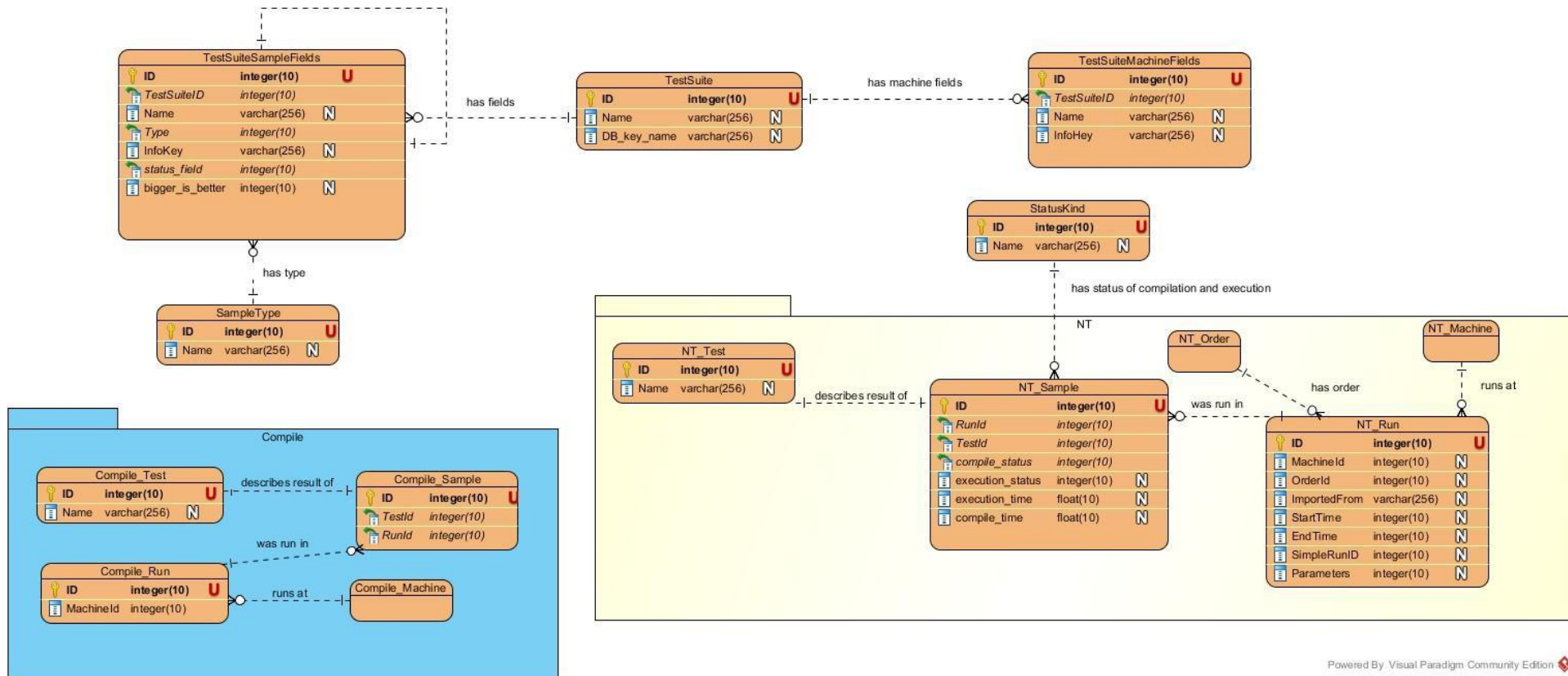
LNT/Test-suite support for custom metrics

Goal

Enable LNT support of custom metrics such as: user-defined run-time and static metrics (power, etc.) and LLVM pass statistic counters. Provide integration with LLVM testsuite to automatically collect LLVM statistic counters or custom metrics.

Analysis of current Database

The following figure shows ER-diagram of the current database:



Powered By Visual Paradigm Community Edition

There are database tables describing common data for compile tests and nts tests, however, multiple tables for compile and nts tests are duplicating. Compile tests tables have the same structure as nts tests. Compile_sample table has different fields - parameters of statistics(e.g. size_bytes, mem_bytes, sys_time and etc). There are separate packages for each test suite.

Limitations

It seems LNT supports only “simple” tests from the LLVM test suite. Nightly tests are not fully supported in trunk and data is missing in database. There were questions about nightly tests on the mailing list:

([https://groups.google.com/forum/#!searchin/llvm-dev/nightly\\$20lnt/llvm-dev/DkpIGHy_adk/CNeuT8OPalMJ](https://groups.google.com/forum/#!searchin/llvm-dev/nightly$20lnt/llvm-dev/DkpIGHy_adk/CNeuT8OPalMJ),

[https://groups.google.com/forum/#!searchin/llvm-dev/nightly\\$20lnt/llvm-dev/6zHKOV9Kc34/-U6_Ohstb4oI](https://groups.google.com/forum/#!searchin/llvm-dev/nightly$20lnt/llvm-dev/6zHKOV9Kc34/-U6_Ohstb4oI),
[https://groups.google.com/forum/#!searchin/llvm-dev/lnt\\$20nightly/llvm-dev/SUSvh3GTcbU/lau4WSQ_mdwJ](https://groups.google.com/forum/#!searchin/llvm-dev/lnt$20nightly/llvm-dev/SUSvh3GTcbU/lau4WSQ_mdwJ)).

LNT supports some pre-defined metrics for the LLVM testsuite, but it is hard to add new custom metrics or even integrate other existing metrics from test suite.

Migration

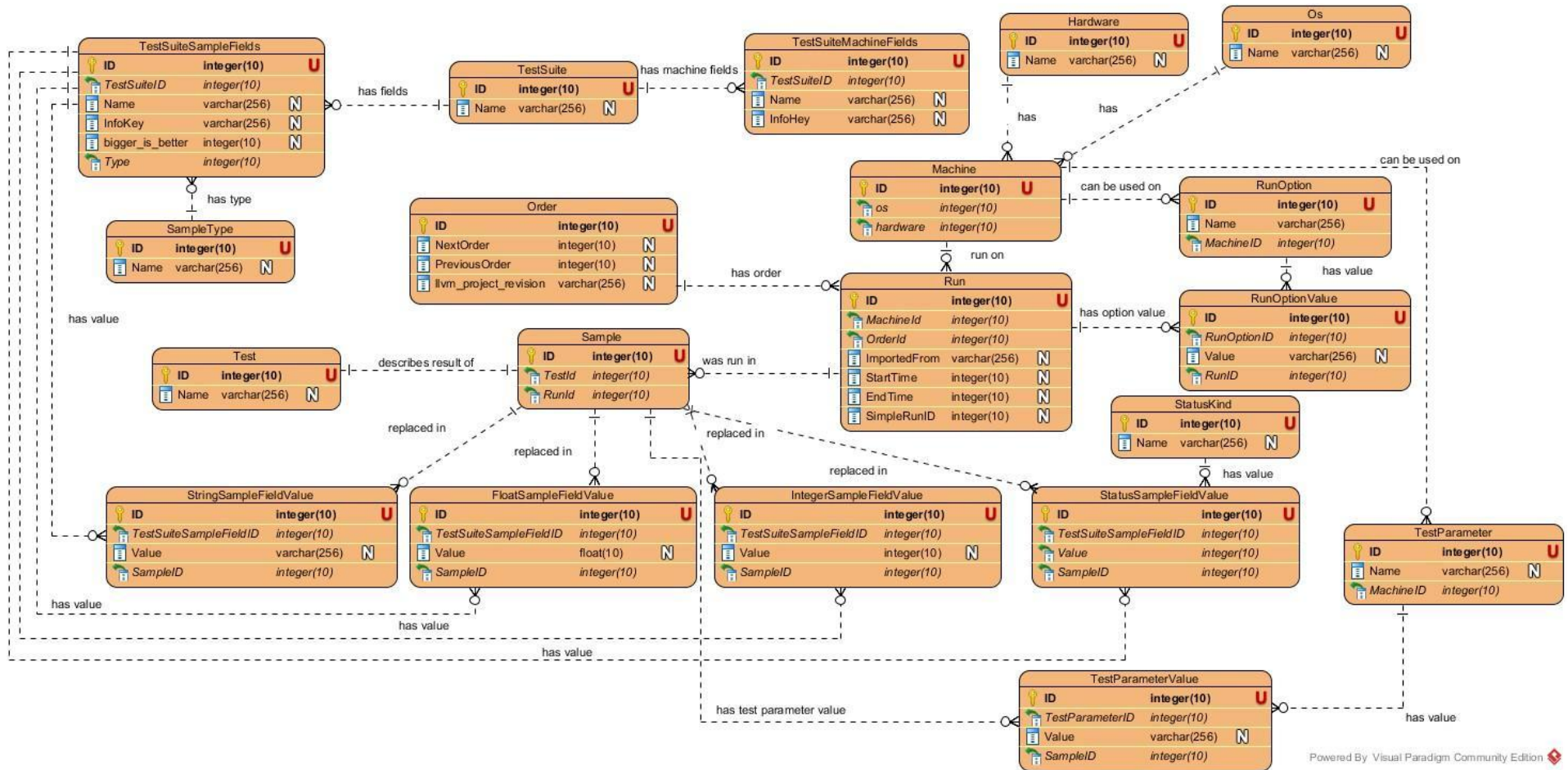
Migration 7 to 8 adds new table FieldChangev2. Old table FieldChange isn't removed from database, but it isn't used (should it be removed if there is no opportunity to access data?).

Proposal

There are three ways to make database more flexible:

1. Keep package structure and create new tables for each package, connecting them with testsuite on the fly. Drawbacks are large number of duplicating tables (e.g. "package" for each test suite) and slow table creation or cross-testsuite queries.
2. Use semi-structured data for description of multiple fields inside single generic field. This can slow down queries and joins.
3. Remove hard-coded packages, introduce tables for common value types and intermediate tables (mapping values to samples). new structure should be suitable for all parameters described in report files of LLVM TestSuite.

I suggest tables re-design (option 3) with the following database structure:



There is limited set of value types in the LLVM TestSuite reports. Independent tables are created for each data type - string, integer, float and status. “Sample” table does not include testsuite-specific fields anymore, they are stored in “FieldValue” tables that contain SampleID field. This allows to eliminate duplicating tables. Moreover, sample table contains RunID with options that allow executing queries with run different options (HW, OS, etc.) and compare them.

This structure allows using LNT with any LLVM TestSuite tests and reports without modification of the database structure. In order to ease integration of LLVM test suite reports to LNT, “fields description” files are proposed. They describe mapping of report fields to LNT database fields and their properties. The following JSON example shows test suite fields:

```
{
  "Fields" : [{
    "TestSuiteName" : "Bytecode",
    "Type" : "integer",
    "BiggerIsBetter" : 0
  },
  {
    "TestSuiteName" : "GCC",
    "Type" : "real",
    "BiggerIsBetter" : 0,
    "Name" : "GCC time"
  },
  {
    "TestSuiteName" : "JIT",
    "Type" : "real",
    "BiggerIsBetter" : 0,
    "Name" : "JIT Compile time"
  },
  {
    "TestSuiteName" : "GCC/LLC",
    "Type" : "string",
    "BiggerIsBetter" : 0
  }
]
```

There are new entities for “run options” and “test parameters”. “Run options” are used for compilation/execution of all tests. Test parameters are supplied for each individual test that can be executed several times with different parameters during one run (e.g. different data sets).

Open Questions

Migration

Currently testsuite name is unique. New scheme allows to define multiple “fields description” files for the same test suite, resulting in different data set for the same testsuite.

So there was change of testsuite table and migration from old database structure is impossible.

Another problem is modification of fields descriptions (new versions with new fields, etc.). If user want to save data, support for easy migration of data into new table might be required. It is subject to future improvements.

LNT RFC: LNT/Test-suite Test Parameters

Goals

- Global run option for the test suite run
- Parameterization of individual tests (repeat test with different parameters during one run).

Proposal

Global run options are added to LNT using command-line option “--run-options=”, that specifies path to file with run options. Test parameterization is required to analyze influence of test properties on benchmarking metrics.

Test parameters are described in file, that is added using variable FILEPARAMS in TestSuite makefiles. LLVM testsuite Makefile.programs and report modifications are required to repeat same test multiple times. Now report of TestSuite has test parameters which are added to name of test.

For example,

Program	CC	CC_Time	CC_Real_Time	Exec	Exec_Time	Exec_Real_Time
MultiSource/Benchmarks/7zip/7zip-benchmark.(-analyzer-no-eagerly-trim-egraph -H)	*	61.148	64.6735	pass	0	0.0004
MultiSource/Benchmarks/7zip/7zip-benchmark.(-fblocks)	*	61.16	64.6672	pass	0	0.0006
MultiSource/Benchmarks/BitBench/drop3/drop3.(-analyzer-no-eagerly-trim-egraph -H)	pass	0.056	0.0659	pass	0.26	0.2625
MultiSource/Benchmarks/BitBench/drop3/drop3.(-fblocks)	pass	0.056	0.0659	pass	0.26	0.2625
MultiSource/Benchmarks/BitBench/five11/five11.(-analyzer-no-eagerly-trim-egraph -H)	pass	0.084	0.0908	pass	1.636	1.6395
MultiSource/Benchmarks/BitBench/five11/five11.(-fblocks)	pass	0.084	0.0908	pass	1.636	1.6395

MultiSource/Benchmarks/BitBench/uudecode/uudecode.(-analyze r-no-eagerly-trim-egraph -H)	pass	0.056	0.071	pass	0.072	0.0751
MultiSource/Benchmarks/BitBench/uudecode/uudecode.(-fblocks)	pass	0.056	0.071	pass	0.072	0.0751
MultiSource/Benchmarks/BitBench/uuencode/uuencode.(-analyze r-no-eagerly-trim-egraph -H)	pass	0.06	0.0747	pass	0.008	0.0128
MultiSource/Benchmarks/BitBench/uuencode/uuencode.(-fblocks)	pass	0.06	0.0747	pass	0.008	0.0128
MultiSource/Benchmarks/Bullet/bullet.(-analyzer-no-eagerly-trim -egraph -H)	*	40.572	42.5645	*	0	0.0003
MultiSource/Benchmarks/Bullet/bullet.(-fblocks)	*	40.54	42.5571	*	0	0.0006

LNT parses report and stores test parameter values into database. Database structure is described earlier.

Status

There is single patch combining all changes: database structure changes, new “summary” table showing current results without comparison with previous runs, support for global run option, test parameters files.

Screenshots

Simple tests (standard nts)

- Machine Info
- Run Info
- View Options
- Report
- Compile status
- Execution status
- score
- mem bytes
- Compile time
- Execution time

Runs:

- 03/28/2016 14:41:18
- 03/28/2016 14:29:54

Compare To:

- 03/28/2016 14:41:18
- 03/28/2016 14:29:54

Existing Failures - Compile time

MultiSource/Benchmarks/7zip/7zip-benchmark
MultiSource/Benchmarks/Bullet/bullet

Existing Failures - Execution time

MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4
--

Report Time: 0.87s

Compile status

☐	Name	Test Parameters	Prev	Current
☐	MultiSource/Benchmarks/7zip/7zip-benchmark	-	FAIL	FAIL
☐	MultiSource/Benchmarks/BitBench/drop3/drop3	-	PASS	PASS
☐	MultiSource/Benchmarks/BitBench/five11/five11	-	FAIL	PASS
☐	MultiSource/Benchmarks/BitBench/uudecode/uudecode	-	PASS	PASS
☐	MultiSource/Benchmarks/BitBench/uencode/uencode	-	PASS	PASS
☐	MultiSource/Benchmarks/Bullet/bullet	-	FAIL	FAIL
☐	MultiSource/Benchmarks/PAQ8p/paq8p	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/NP/np	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/city/city	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/employ/employ	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/family/family	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/garage/garage	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/life/life	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/objects/objects	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/office/office	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/primes/primes	-	PASS	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	-	PASS	PASS

/ ubuntu_clang_DEV_x86_64:1 / Run Results

- Machine Info
- Run Info
- View Options
- Report
- Compile status
- Execution status
- score**
- mem bytes
- Compile time
- Execution time

Runs:

- 03/28/2016 14:41:18
- 03/28/2016 14:29:54

Compare To:

- 03/28/2016 14:41:18
- 03/28/2016 14:29:54

☐	Name	Test Parameters	Current	%
☐	Geometric Mean	-	-	

Compile time

☐	Name	Test Parameters	Current	%
☐	MultiSource/Benchmarks/7zip/7zip-benchmark	-	-	-
☐	MultiSource/Benchmarks/BitBench/drop3/drop3	-	0.0702	-
☐	MultiSource/Benchmarks/BitBench/five11/five11	-	0.0885	-
☐	MultiSource/Benchmarks/BitBench/uudecode/uudecode	-	0.0724	-
☐	MultiSource/Benchmarks/BitBench/uencode/uencode	-	0.0711	-
☐	MultiSource/Benchmarks/Bullet/bullet	-	-	-
☐	MultiSource/Benchmarks/PAQ8p/paq8p	-	3.4550	5.46%
☐	MultiSource/Benchmarks/Prolangs-C++/NP/np	-	0.0340	-
☐	MultiSource/Benchmarks/Prolangs-C++/city/city	-	1.9078	2.11%
☐	MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-	0.3079	6.36%
☐	MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-	0.3572	4.90%
☐	MultiSource/Benchmarks/Prolangs-C++/employ/employ	-	0.4370	5.91%
☐	MultiSource/Benchmarks/Prolangs-C++/family/family	-	0.0640	-
☐	MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	-	0.1111	-
☐	MultiSource/Benchmarks/Prolangs-C++/garage/garage	-	0.1107	-
☐	MultiSource/Benchmarks/Prolangs-C++/life/life	-	0.1076	-
☐	MultiSource/Benchmarks/Prolangs-C++/objects/objects	-	0.1368	-
☐	MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	-	0.2097	9.79%
☐	MultiSource/Benchmarks/Prolangs-C++/office/office	-	0.2665	-
☐	MultiSource/Benchmarks/Prolangs-C++/primes/primes	-	0.0413	-
☐	MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	-	0.3861	3.85%
☐	MultiSource/Benchmarks/Prolangs-C++/simul/simul	-	0.1279	-
☐	MultiSource/Benchmarks/Prolangs-C++/trees/trees	-	0.1424	-
☐	MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc	-	0.0513	-
☐	MultiSource/Benchmarks/mafft/pairlocalalign	-	13.5773	-
☐	MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4	-	35.3285	-

LNTDatabaseSuitentsSystem

nts / ubuntu_clang_DEV_x86_64:1 / Run Results

Machine Info

Run Info

View Options

Report

Compile status

Execution status

score

mem bytes

Compile time

Execution time

Runs:

03/28/2016 14:41:18

03/28/2016 14:29:54

Compare To:

03/28/2016 14:41:18

03/28/2016 14:29:54

Machine Info

Run Info

View Options

Show Delta

Show Previous Value:

Show Standard Deviation:

Show Median Absolute Deviation:

Show All Values:

Show All Samples:

Show Sample Counts:

Show Small Differences:

Number of Comparison Runs:

Show Report Graphs:

Show Data Table:

Show Current Results Table:

Hide Report By Default:

Test Filter (regex):

Test Min. Value Filter:

Aggregation Function

Mann-Whitney test confidence level:

Update

Report

FilterBenchmark name regex...

LNTDatabase Suite ntsSystem

nts / ubuntu_clang_DEV_x86_64:1 / Run Results

Graph

Machine Info

Run Info

View Options

Report

Compile status

Execution status

score

mem bytes

Compile time

Execution time

Runs:

03/28/2016 14:41:18

03/28/2016 14:29:54

Compare To:

03/28/2016 14:41:18

03/28/2016 14:29:54

Current tests results

Run options

-O3

Name	Compile status	Execution status	score	mem bytes	Compile time	Execution time
MultiSource/Benchmarks/7zip/7zip-benchmark	FAIL	PASS	None	None	63.5393	0.0003
MultiSource/Benchmarks/BitBench/drop3/drop3	PASS	PASS	None	None	0.0702	0.2613
MultiSource/Benchmarks/BitBench/five11/five11	PASS	PASS	None	None	0.0885	1.6877
MultiSource/Benchmarks/BitBench/uudecode/uudecode	PASS	PASS	None	None	0.0724	0.0709
MultiSource/Benchmarks/BitBench/uencode/uencode	PASS	PASS	None	None	0.0711	0.0144
MultiSource/Benchmarks/Bullet/bullet	FAIL	FAIL	None	None	42.2967	0.0003
MultiSource/Benchmarks/PAQ8p/paq8p	PASS	PASS	None	None	3.455	54.0254
MultiSource/Benchmarks/Prolangs-C++/NP/np	PASS	PASS	None	None	0.034	0.0015
MultiSource/Benchmarks/Prolangs-C++/city/city	PASS	PASS	None	None	1.9078	0.0077
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	PASS	PASS	None	None	0.3079	0.0013
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	PASS	PASS	None	None	0.3572	0.0017
MultiSource/Benchmarks/Prolangs-C++/employ/employ	PASS	PASS	None	None	0.437	0.0072
MultiSource/Benchmarks/Prolangs-C++/family/family	PASS	PASS	None	None	0.064	0.0012
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	PASS	PASS	None	None	0.1111	0.0015
MultiSource/Benchmarks/Prolangs-C++/garage/garage	PASS	PASS	None	None	0.1107	0.0014
MultiSource/Benchmarks/Prolangs-C++/life/life	PASS	PASS	None	None	0.1076	0.951
MultiSource/Benchmarks/Prolangs-C++/objects/objects	PASS	PASS	None	None	0.1368	0.0013
MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	PASS	PASS	None	None	0.2097	0.0604
MultiSource/Benchmarks/Prolangs-C++/office/office	PASS	PASS	None	None	0.2665	0.0013
MultiSource/Benchmarks/Prolangs-C++/primes/primes	PASS	PASS	None	None	0.0413	0.2712
MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	PASS	PASS	None	None	0.3861	0.0013
MultiSource/Benchmarks/Prolangs-C++/simul/simul	PASS	PASS	None	None	0.1279	0.0059
MultiSource/Benchmarks/Prolangs-C++/trees/trees	PASS	PASS	None	None	0.1424	0.0014
MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc	PASS	PASS	None	None	0.0513	0.0015
MultiSource/Benchmarks/mafft/pairlocalalign	PASS	PASS	None	None	13.5773	23.9962
MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4	PASS	FAIL	None	None	35.3285	0.1422
SingleSource/Regression/C++/2003-05-14-arrav-init	PASS	PASS	None	None	0.0276	0.0016

LNTDatabase ▾Suite ▾nts ▾System ▾

nts / ubuntu__clang_DEV_x86_64:1 / Run Results

Machine Info

Run Info

View Options

Report

Compile status

Execution status

score

mem bytes

Compile time

Execution time

Runs:

- 03/29/2016 08:43:57
- 03/29/2016 08:31:56
- 03/28/2016 14:41:18
- 03/28/2016 14:29:54
- 03/29/2016 06:02:37

Compare To:

- 03/29/2016 08:31:56
- 03/29/2016 07:31:20
- 03/28/2016 14:41:18
- 03/28/2016 14:29:54

Test Data

Name	Run options		Tests parameters			Compile status			Execution status			score			mem bytes			Compile time			Execution time		
	Prev	Current	Prev	Current		Prev	Value	Changed	Prev	Value	Changed	Prev	Value	%	Prev	Value	%	Prev	Value	%	Prev	Value	%
-	-	-	-	-		FAIL	FAIL	No	PASS	PASS	No	None	-	0.0	None	-	0.0	63.1168	-	0.00669393885622	0.0003	0.0003	-
MultiSource/Benchmarks/7zip/7zip-benchmark	-O3	-O3	-	-		FAIL	FAIL	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.067	0.0702	0.0477611940299	0.2672	0.2613	-
MultiSource/Benchmarks/BitBench/drop3/drop3	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.067	0.0702	0.0477611940299	0.2672	0.2613	-
MultiSource/Benchmarks/BitBench/five11/five11	-	-	-	-		FAIL	PASS	Yes	PASS	PASS	No	None	-	0.0	None	-	0.0	0.088	0.0885	0.00568181818182	1.6499	1.6877	-
MultiSource/Benchmarks/BitBench/uudecode/uudecode	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0717	0.0724	0.00976290097629	0.0712	0.0709	-
MultiSource/Benchmarks/BitBench/uuencode/uuencode	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0736	0.0711	-0.0339673913043	0.013	0.0144	-
MultiSource/Benchmarks/Bullet/bullet	-	-	-	-		FAIL	FAIL	No	PASS	FAIL	Yes	None	-	0.0	None	-	0.0	42.986	-	-0.0160354534034	0.0004	-	-
MultiSource/Benchmarks/PAQ8p/paq8p	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	3.2761	3.4550	0.0546076127102	53.0472	54.0254	-
MultiSource/Benchmarks/Prolangs-C++/NP/np	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0343	0.0340	-0.00874635568513	0.0013	0.0015	-
MultiSource/Benchmarks/Prolangs-C++/city/city	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	1.8684	1.9078	0.02108756155	0.0073	0.0077	-
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.2895	0.3079	0.0635578583765	0.0015	0.0013	-
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.3405	0.3572	0.0490455212922	0.0014	0.0017	-
MultiSource/Benchmarks	-	-	-	-		PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.4126	0.4370	0.0591371788657	0.0073	0.0072	-

Nightly tests

- › [Active Machines](#)
- › [Recent Submissions](#)

Active Machines

Machine	Latest Submission	Results
ubuntu__clang_DEV__x86_64:2	2016-03-29T08:22:12	View Results

Recent Submissions

Run Order	Started	Duration	Machine	Results
1	2016-03-29T08:11:58	0:10:14	ubuntu__clang_DEV__x86_64:2	View Results
0	2016-03-29T07:59:05	0:10:08	ubuntu__clang_DEV__x86_64:2	View Results

- Machine Info
- Run Info
- View Options
- Report
- Bytecode
- GCC time
- JIT Compile time
- GCC/LLC

Runs:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

Compare To:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

Tests Summary

Status Group	#
Performance Regressions	1
Performance Improvements	2
Added Tests	41
Unchanged Tests	124
Total Tests	168

Run-Over-Run Changes Detail

Performance Regressions - GCC time	Δ	Previous	Current	σ
MultiSource/Benchmarks/7zip/7zip-benchmark	1.37%	7.9080	8.0160	-

Performance Improvements - GCC time	Δ	Previous	Current	σ
MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4	-5.80%	0.2760	0.2600	-
MultiSource/Benchmarks/Prolangs-C++/life/life	-2.73%	1.1720	1.1400	-

Added Tests - GCC time
MultiSource/Benchmarks/Prolangs-C++/NP/np
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2
MultiSource/Benchmarks/Prolangs-C++/family/family
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm
MultiSource/Benchmarks/Prolangs-C++/garage/garage
MultiSource/Benchmarks/Prolangs-C++/objects/objects
MultiSource/Benchmarks/Prolangs-C++/office/office
MultiSource/Benchmarks/Prolangs-C++/shapes/shapes
MultiSource/Benchmarks/Prolangs-C++/trees/trees
MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc
SingleSource/Regression/C++/2003-05-14-array-init
SingleSource/Regression/C++/2003-05-14-expr_stmt

nts / ubuntu_clang_DEV_x86_64:2 / Run Results

- > Machine Info
- > Run Info
- > View Options
- > Report
- > Bytecode
- > GCC time
- > JIT Compile time
- > GCC/LLC

Runs:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

Compare To:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

☐	SingleSource/Regression/C++/pointer_method	-	1010	-
☐	SingleSource/Regression/C++/pointer_method2	-	1804	-
☐	SingleSource/Regression/C++/short_circuit_dtor	-	1664	-
☐	Geometric Mean	6480.9395	-	

GCC time

☐	Name	Test Parameters	Current	%
☐	MultiSource/Benchmarks/7zip/7zip-benchmark	-	8.0160	1.37%
☐	MultiSource/Benchmarks/BitBench/drop3/drop3	-	0.2960	-
☐	MultiSource/Benchmarks/BitBench/five11/five11	-	1.6640	-
☐	MultiSource/Benchmarks/BitBench/uudecode/uudecode	-	0.0680	-
☐	MultiSource/Benchmarks/BitBench/uencode/uencode	-	0.0160	-
☐	MultiSource/Benchmarks/Bullet/bullet	-	4.6720	-
☐	MultiSource/Benchmarks/PAQ8p/paq8p	-	76.0760	-
☐	MultiSource/Benchmarks/Prolangs-C++/NP/np	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/city/city	-	0.0040	-
☐	MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/employ/employ	-	0.0040	-
☐	MultiSource/Benchmarks/Prolangs-C++/family/family	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/garage/garage	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/life/life	-	1.1400	-2.73%
☐	MultiSource/Benchmarks/Prolangs-C++/objects/objects	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	-	0.0480	-
☐	MultiSource/Benchmarks/Prolangs-C++/office/office	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/primes/primes	-	0.2640	-
☐	MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/simul/simul	-	0.0040	-
☐	MultiSource/Benchmarks/Prolangs-C++/trees/trees	-	0.0000	-
☐	MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc	-	0.0000	-

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- Run Info
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- Bytecode
- GCC time
- JIT Compile time
- GCC/LLC

Runs:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

Compare To:

- 03/29/2016 08:11:58
- 03/29/2016 07:59:05

Graph

Current tests results

Run options		-O3			
Name	Bytecode	GCC time	JIT Compile time	GCC/LLC	
MultiSource/Benchmarks/7zip/7zip-benchmark	5791808	8.016	None	n/a	
MultiSource/Benchmarks/BitBench/drop3/drop3	6708	0.296	None	n/a	
MultiSource/Benchmarks/BitBench/five11/five11	5296	1.664	None	n/a	
MultiSource/Benchmarks/BitBench/uudecode/uudecode	6260	0.068	None	n/a	
MultiSource/Benchmarks/BitBench/uencode/uencode	6632	0.016	None	n/a	
MultiSource/Benchmarks/Bullet/bullet	2014148	4.672	None	n/a	
MultiSource/Benchmarks/PAQ8p/paq8p	400448	76.076	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/NP/np	2248	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/city/city	31424	0.004	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	11220	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	15500	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/employ/employ	22920	0.004	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/family/family	5972	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	3996	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/garage/garage	9864	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/life/life	11324	1.14	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/objects/objects	14492	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	18156	0.048	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/office/office	10320	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/primes/primes	3844	0.264	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	22372	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/simul/simul	6500	0.004	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/trees/trees	17392	0.0	None	n/a	
MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc	2792	0.0	None	n/a	
MultiSource/Benchmarks/mafft/pairlocalalign	597096	18.9	None	n/a	
MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4	5171340	0.26	None	n/a	

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nts / ubuntu__clang_DEV__x86_64:2 / Run Results

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Bytecode

GCC time

JIT Compile time

GCC/LLC

Runs:

03/29/2016 08:11:58

03/29/2016 07:59:05

Compare To:

03/29/2016 08:11:58

03/29/2016 07:59:05

Test Data

Name	Run options		Tests parameters		Bytecode		GCC time			JIT Compile time			GCC/LLC			
	Prev	Current	Prev	Current	Prev	Value	%	Prev	Value	%	Prev	Value	%	Prev	Value	Changed
-	Prev	Current	Prev	Current	Prev	Value	%	Prev	Value	%	Prev	Value	%	Prev	Value	Changed
MultiSource/Benchmarks/7zip/7zip-benchmark	-O3	-O3	-	-	5791808	5791808	0	7.908	8.0160	0.0136570561457	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/BitBench/drop3/drop3			-	-	6708	6708	0	0.292	0.2960	0.013698630137	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/BitBench/five11/five11			-	-	5296	5296	0	1.672	1.6640	-0.00478468899522	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/BitBench/uudecode/uudecode			-	-	6260	6260	0	0.068	0.0680	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/BitBench/uencode/uencode			-	-	6632	6632	0	0.012	0.0160	0.333333333333	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Bullet/bullet			-	-	2014148	2014148	0	4.64	4.6720	0.00689655172414	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/PAQ8p/paq8p			-	-	400448	400448	0	75.324	76.0760	0.00998353778344	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/NP/np			-	-	2248	2248	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/city/city			-	-	31424	31424	0	0.004	0.0040	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1			-	-	11220	11220	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2			-	-	15500	15500	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/employ/employ			-	-	22920	22920	0	0.004	0.0040	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/family/family			-	-	5972	5972	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm			-	-	3996	3996	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/garage/garage			-	-	9864	9864	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/life/life			-	-	11324	11324	0	1.172	1.1400	-0.0273037542662	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/objects/objects			-	-	14492	14492	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/ocean/ocean			-	-	18156	18156	0	0.044	0.0480	0.0909090909091	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/office/office			-	-	10320	10320	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/primes/primes			-	-	3844	3844	0	0.272	0.2640	-0.0294117647059	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/shapes/shapes			-	-	22372	22372	0	None	0.0000	0.0	None	-	0.0	n/a	n/a	No
MultiSource/Benchmarks/Prolangs-C++/simul/simul			-	-	6500	6500	0	0.004	0.0040	0.0	None	-	0.0	n/a	n/a	No

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nts / ubuntu_clang_DEV_x86_64:1 / Run Results

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Execution time

Runs:

03/29/2016 08:31:56

03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

Compare To:

03/29/2016 08:31:56

03/28/2016 14:41:18

03/28/2016 14:29:54

03/29/2016 06:02:37

Graph

Current tests results

Run options

-O3 -analyzer-no-eagerly-trim-egraph -fblocks

Name	Compile status	Execution status	score	mem bytes	Compile time	Execution time
MultiSource/Benchmarks/7zip/7zip-benchmark	FAIL	PASS	None	None	63.5225	0.0005
MultiSource/Benchmarks/BitBench/drop3/drop3	PASS	PASS	None	None	0.0713	0.2639
MultiSource/Benchmarks/BitBench/five11/five11	PASS	PASS	None	None	0.096	1.7131
MultiSource/Benchmarks/BitBench/uudecode/uudecode	PASS	PASS	None	None	0.076	0.0827
MultiSource/Benchmarks/BitBench/uencode/uencode	PASS	PASS	None	None	0.0809	0.0133
MultiSource/Benchmarks/Bullet/bullet	FAIL	FAIL	None	None	43.5009	0.0003
MultiSource/Benchmarks/PAQ8p/paq8p	PASS	PASS	None	None	3.574	54.4492
MultiSource/Benchmarks/Prolangs-C++/NP/np	PASS	PASS	None	None	0.0347	0.0012
MultiSource/Benchmarks/Prolangs-C++/city/city	PASS	PASS	None	None	1.9649	0.0073
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	PASS	PASS	None	None	0.2846	0.0015
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	PASS	PASS	None	None	0.3804	0.0015
MultiSource/Benchmarks/Prolangs-C++/employ/employ	PASS	PASS	None	None	0.4145	0.0081
MultiSource/Benchmarks/Prolangs-C++/family/family	PASS	PASS	None	None	0.0653	0.0013
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	PASS	PASS	None	None	0.1063	0.0015
MultiSource/Benchmarks/Prolangs-C++/garage/garage	PASS	PASS	None	None	0.1108	0.0014
MultiSource/Benchmarks/Prolangs-C++/life/life	PASS	PASS	None	None	0.1022	0.919
MultiSource/Benchmarks/Prolangs-C++/objects/objects	PASS	PASS	None	None	0.1368	0.0013
MultiSource/Benchmarks/Prolangs-C++/ocean/ocean	PASS	PASS	None	None	0.1938	0.0585
MultiSource/Benchmarks/Prolangs-C++/office/office	PASS	PASS	None	None	0.2758	0.0014
MultiSource/Benchmarks/Prolangs-C++/primes/primes	PASS	PASS	None	None	0.0455	0.2621
MultiSource/Benchmarks/Prolangs-C++/shapes/shapes	PASS	PASS	None	None	0.3852	0.0015
MultiSource/Benchmarks/Prolangs-C++/simul/simul	PASS	PASS	None	None	0.1203	0.0063
MultiSource/Benchmarks/Prolangs-C++/trees/trees	PASS	PASS	None	None	0.135	0.0014
MultiSource/Benchmarks/Prolangs-C++/vcirc/vcirc	PASS	PASS	None	None	0.0518	0.0013
MultiSource/Benchmarks/mafft/pairlocalalign	PASS	PASS	None	None	13.439	23.4994
MultiSource/Benchmarks/tramp3d-v4/tramp3d-v4	PASS	FAIL	None	None	37.0691	0.143

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SingleSource/Regression/C++/pointer_method

SingleSource/Regression/C++/pointer_method2

SingleSource/Regression/C++/short_circuit_dtor

PASS

PASS

PASS

PASS

PASS

PASS

None

None

None

None

None

None

0.0031

0.043

0.0334

0.0013

0.0012

0.0012

Test Data

Name	Run options		Tests parameters		Compile status			Execution status			score			mem bytes			Compile time			Execution time	
-	Prev	Current	Prev	Current	Prev	Value	Changed	Prev	Value	Changed	Prev	Value	%	Prev	Value	%	Prev	Value	%	Prev	Value
MultiSource/Benchmarks/7zip/7zip-benchmark	-O3	-O3	-	-	FAIL	FAIL	No	PASS	PASS	No	None	-	0.0	None	-	0.0	63.5393	-	-0.000264403290562	0.0003	0.0005
MultiSource/Benchmarks/BitBench/drop3/drop3		-analyzer-no-eagerly-trim-egraph-fblocks	-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0702	0.0713	0.0156695156695	0.2613	0.2639
MultiSource/Benchmarks/BitBench/five11/five11			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0885	0.0960	0.0847457627119	1.6877	1.7131
MultiSource/Benchmarks/BitBench/uudecode/uudecode			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0724	0.0760	0.0497237569061	0.0709	0.0827
MultiSource/Benchmarks/BitBench/uencode/uencode			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.0711	0.0809	0.137834036568	0.0144	0.0133
MultiSource/Benchmarks/Bullet/bullet			-	-	FAIL	FAIL	No	FAIL	FAIL	No	None	-	0.0	None	-	0.0	42.2967	-	0.0284703061941	0.0003	-
MultiSource/Benchmarks/PAQ8p/paq8p			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	3.455	3.5740	0.0344428364689	54.0254	54.449
MultiSource/Benchmarks/Prolangs-C++/NP/np			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.034	0.0347	0.0205882352941	0.0015	0.0012
MultiSource/Benchmarks/Prolangs-C++/city/city			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	1.9078	1.9649	0.0299297620296	0.0077	0.0073
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.3079	0.2846	-0.0756739201039	0.0013	0.0015
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2			-	-	PASS	PASS	No	PASS	PASS	No	None	-	0.0	None	-	0.0	0.3572	0.3804	0.0649496080627	0.0017	0.0015

Test parameters

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03/29/2016 08:31:56

03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

SingleSource/Regression/C++/pointer_method

SingleSource/Regression/C++/pointer_method2

SingleSource/Regression/C++/pointer_method2

SingleSource/Regression/C++/short_circuit_dtor

SingleSource/Regression/C++/short_circuit_dtor

Report Time: 2.56s

Compile status

☐	Name	Test Parameters	Prev	Current
☐	MultiSource/Benchmarks/7zip/7zip-benchmark	-H -analyzer-no-eagerly-trim-egraph	-	FAIL
☐	MultiSource/Benchmarks/7zip/7zip-benchmark	-fblocks	-	FAIL
☐	MultiSource/Benchmarks/BitBench/drop3/drop3	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/BitBench/drop3/drop3	-fblocks	-	PASS
☐	MultiSource/Benchmarks/BitBench/five11/five11	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/BitBench/five11/five11	-fblocks	-	PASS
☐	MultiSource/Benchmarks/BitBench/uudecode/uudecode	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/BitBench/uudecode/uudecode	-fblocks	-	PASS
☐	MultiSource/Benchmarks/BitBench/uencode/uencode	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/BitBench/uencode/uencode	-fblocks	-	PASS
☐	MultiSource/Benchmarks/Bullet/bullet	-H -analyzer-no-eagerly-trim-egraph	-	FAIL
☐	MultiSource/Benchmarks/Bullet/bullet	-fblocks	-	FAIL
☐	MultiSource/Benchmarks/PAQ8p/paq8p	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/PAQ8p/paq8p	-fblocks	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/NP/np	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/NP/np	-fblocks	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/city/city	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/city/city	-fblocks	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-H -analyzer-no-eagerly-trim-egraph	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-fblocks	-	PASS
☐	MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-H -analyzer-no-eagerly-trim-egraph	-	PASS

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03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

Compare To:

03/29/2016 08:43:57

03/29/2016 08:31:56

03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

Compile time

Name	Test Parameters	Current	%
MultiSource/Benchmarks/Zip/zip-benchmark	-H -analyzer-no-eagerly-trim-egraph	-	-
MultiSource/Benchmarks/Zip/zip-benchmark	-fblocks	-	-
MultiSource/Benchmarks/BitBench/drop3/drop3	-H -analyzer-no-eagerly-trim-egraph	0.0659	-
MultiSource/Benchmarks/BitBench/drop3/drop3	-fblocks	0.0659	-
MultiSource/Benchmarks/BitBench/five11/five11	-H -analyzer-no-eagerly-trim-egraph	0.0908	-
MultiSource/Benchmarks/BitBench/five11/five11	-fblocks	0.0908	-
MultiSource/Benchmarks/BitBench/uudecode/uudecode	-H -analyzer-no-eagerly-trim-egraph	0.0710	-
MultiSource/Benchmarks/BitBench/uudecode/uudecode	-fblocks	0.0710	-
MultiSource/Benchmarks/BitBench/uencode/uencode	-H -analyzer-no-eagerly-trim-egraph	0.0747	-
MultiSource/Benchmarks/BitBench/uencode/uencode	-fblocks	0.0747	-
MultiSource/Benchmarks/Bullet/bullet	-H -analyzer-no-eagerly-trim-egraph	-	-
MultiSource/Benchmarks/Bullet/bullet	-fblocks	-	-
MultiSource/Benchmarks/PAQ8p/paq8p	-H -analyzer-no-eagerly-trim-egraph	3.2942	-
MultiSource/Benchmarks/PAQ8p/paq8p	-fblocks	3.2942	-
MultiSource/Benchmarks/Prolangs-C++/NP/np	-H -analyzer-no-eagerly-trim-egraph	0.0340	-
MultiSource/Benchmarks/Prolangs-C++/NP/np	-fblocks	0.0340	-
MultiSource/Benchmarks/Prolangs-C++/city/city	-H -analyzer-no-eagerly-trim-egraph	1.8729	-
MultiSource/Benchmarks/Prolangs-C++/city/city	-fblocks	1.8729	-
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-H -analyzer-no-eagerly-trim-egraph	0.2878	-
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	-fblocks	0.2878	-
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-H -analyzer-no-eagerly-trim-egraph	0.3420	-
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	-fblocks	0.3420	-
MultiSource/Benchmarks/Prolangs-C++/employ/employ	-H -analyzer-no-eagerly-trim-egraph	0.4248	-
MultiSource/Benchmarks/Prolangs-C++/employ/employ	-fblocks	0.4248	-
MultiSource/Benchmarks/Prolangs-C++/family/family	-H -analyzer-no-eagerly-trim-egraph	0.0649	-
MultiSource/Benchmarks/Prolangs-C++/family/family	-fblocks	0.0649	-
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	-H -analyzer-no-eagerly-trim-egraph	0.1061	-
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	-fblocks	0.1061	-
MultiSource/Benchmarks/Prolangs-C++/garage/garage	-H -analyzer-no-eagerly-trim-egraph	0.1063	-
MultiSource/Benchmarks/Prolangs-C++/garage/garage	-fblocks	0.1063	-

LNTDatabase ▾Suite ▾nts ▾

nts / ubuntu_clang_DEV__x86_64:1 / Run Results

Machine Info

Run Info

View Options

Report

Compile status

Execution status

score

mem bytes

Compile time

Execution time

Runs:

03/29/2016 08:43:57

03/29/2016 08:31:56

03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

Compare To:

03/29/2016 08:43:57

03/29/2016 08:31:56

03/28/2016 14:41:18

03/29/2016 07:31:20

03/28/2016 14:29:54

03/29/2016 06:02:37

Current tests results

Run options

-O3

Name	-H	-analyzer-no-eagerly-trim-egraph	-fblocks	Compile status	Execution status	score	mem bytes	Compile time	Execution time
MultiSource/Benchmarks/7zip/7zip-benchmark	+	+	-	FAIL	PASS	None	None	64.6735	0.0004
	-	-	+	FAIL	PASS	None	None	64.6672	0.0006
MultiSource/Benchmarks/BitBench/drop3/drop3	+	+	-	PASS	PASS	None	None	0.0659	0.2625
	-	-	+	PASS	PASS	None	None	0.0659	0.2625
MultiSource/Benchmarks/BitBench/five11/five11	+	+	-	PASS	PASS	None	None	0.0908	1.6395
	-	-	+	PASS	PASS	None	None	0.0908	1.6395
MultiSource/Benchmarks/BitBench/uudecode/uudecode	+	+	-	PASS	PASS	None	None	0.071	0.0751
	-	-	+	PASS	PASS	None	None	0.071	0.0751
MultiSource/Benchmarks/BitBench/uuencode/uuencode	+	+	-	PASS	PASS	None	None	0.0747	0.0128
	-	-	+	PASS	PASS	None	None	0.0747	0.0128
MultiSource/Benchmarks/Bullet/bullet	+	+	-	FAIL	FAIL	None	None	42.5645	0.0003
	-	-	+	FAIL	FAIL	None	None	42.5571	0.0006
MultiSource/Benchmarks/PAQ8p/paq8p	+	+	-	PASS	PASS	None	None	3.2942	52.5658
	-	-	+	PASS	PASS	None	None	3.2942	52.5658
MultiSource/Benchmarks/Prolangs-C++/NP/np	+	+	-	PASS	PASS	None	None	0.034	0.0014
	-	-	+	PASS	PASS	None	None	0.034	0.0014
MultiSource/Benchmarks/Prolangs-C++/city/city	+	+	-	PASS	PASS	None	None	1.8729	0.0075
	-	-	+	PASS	PASS	None	None	1.8729	0.0075
MultiSource/Benchmarks/Prolangs-C++/deriv1/deriv1	+	+	-	PASS	PASS	None	None	0.2878	0.0015
	-	-	+	PASS	PASS	None	None	0.2878	0.0015
MultiSource/Benchmarks/Prolangs-C++/deriv2/deriv2	+	+	-	PASS	PASS	None	None	0.342	0.0015
	-	-	+	PASS	PASS	None	None	0.342	0.0015
MultiSource/Benchmarks/Prolangs-C++/employ/employ	+	+	-	PASS	PASS	None	None	0.4248	0.007
	-	-	+	PASS	PASS	None	None	0.4248	0.007
MultiSource/Benchmarks/Prolangs-C++/family/family	+	+	-	PASS	PASS	None	None	0.0649	0.0015
	-	-	+	PASS	PASS	None	None	0.0649	0.0015
MultiSource/Benchmarks/Prolangs-C++/fsm/fsm	+	+	-	PASS	PASS	None	None	0.1061	0.0015
	-	-	+	PASS	PASS	None	None	0.1061	0.0015

- Machine Info
- Run Info
- View Options
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- Compile status
- Execution status
- score**
- mem bytes
- Compile time
- Execution time

Runs:

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Test Data

Name	Run options		Tests parameters		Compile status			Execution status			score			mem bytes			Compile time			Execution time		
	Prev	Current	Prev	Current	Prev	Value	Changed	Prev	Value	Changed	Prev	Value	%	Prev	Value	%	Prev	Value	%	Prev	Value	%
MultiSource/Benchmarks/7zip/7zip-benchmark	-O3 -analyzer-no-eagerly-trim-egraph -fblocks	-O3	-	-H -analyzer-no-eagerly-trim-egraph	None	FAIL	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	-	0.0	None	0.0004	0.0
			-	-fblocks	None	FAIL	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	-	0.0	None	0.0006	0.0
MultiSource/Benchmarks/BitBench/drop3/drop3			-	-H -analyzer-no-eagerly-trim-egraph	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0659	0.0	None	0.2625	0.0
			-	-fblocks	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0659	0.0	None	0.2625	0.0
MultiSource/Benchmarks/BitBench/five11/five11			-	-H -analyzer-no-eagerly-trim-egraph	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0908	0.0	None	1.6395	0.0
			-	-fblocks	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0908	0.0	None	1.6395	0.0
MultiSource/Benchmarks/BitBench/uudecode/uudecode			-	-H -analyzer-no-eagerly-trim-egraph	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0710	0.0	None	0.0751	0.0
			-	-fblocks	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0710	0.0	None	0.0751	0.0
MultiSource/Benchmarks/BitBench/uencode/uencode			-	-H -analyzer-no-eagerly-trim-egraph	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0747	0.0	None	0.0128	0.0
			-	-fblocks	None	PASS	Yes	None	PASS	Yes	None	-	0.0	None	-	0.0	None	0.0747	0.0	None	0.0128	0.0
MultiSource/Benchmarks/Bullet/bullet			-	-H -analyzer-no-eagerly-trim-egraph	None	FAIL	Yes	None	FAIL	Yes	None	-	0.0	None	-	0.0	None	-	0.0	None	-	0.0
			-	-fblocks	None	FAIL	Yes	None	FAIL	Yes	None	-	0.0	None	-	0.0	None	-	0.0	None	-	0.0