

Opensource Software Development

오픈소스 개발방식의 이해

KOSS LAB. – Software Engineer

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송태웅

Instructor

송태웅 (Taeung Song, <https://github.com/taeung>)

- KOSS(Korean Open Source Software) Lab. Software Engineer
- Opensource Developer (**Linux Kernel** – perf, uftrace 등)

강연활동

- 삼성 SOSCON 2016 연사
- NAVER DEVVIEW 2016 연사
- SK C&C Git/Github 교육영상 제작
- 서강대 , 아주대 등 10 여개 대학 Git/Github 강의
- 국민대 , 이화여대 등 Linux perf 및 오픈소스 개발참여 관련 특강

오픈소스 프로젝트는
어떻게 개발이 이루어 질까 ?

각종 오픈소스 (OS, framework, lib) 의 기술내용이 아닌

개발 매커니즘 (오픈소스 개발방식)

How to develop with Git ?

Git 은 **History** 관리

perf annotate: Use stripped line instead of raw disassemble line

[Browse files](#)

When parsing disassemble lines for source line number, use a stripped line instead of raw line.

Signed-off-by: Taeung Song <treeze.taeung@gmail.com>

Cc: Andi Kleen <ak@linux.intel.com>

Cc: Jiri Olsa <jolsa@kernel.org>

Cc: Namhyung Kim <namhyung@kernel.org>

Link: <http://lkml.kernel.org/r/1491612748-1605-3-git-send-email-treeze.taeung@gmail.com>

Signed-off-by: Arnaldo Carvalho de Melo <acme@redhat.com>

🔗 master 🔗 v4.12-rc2 v4.12-rc1

 **Taeung** committed with Arnaldo Carvalho de Melo on Apr 8

1 parent 4597cf0

commit 986a5bc028a84d487c354a529730b48682d1fb41

📄 Showing 1 changed file with 2 additions and 2 deletions.

[Unified](#)[Split](#)

4  tools/perf/util/annotate.c

[View](#)

```
@@ -1159,8 +1159,8 @@ static int symbol__parse_objdump_line(struct symbol *sym, struct map *map,
1159 1159         parsed_line = rtrim(line);
1160 1160
1161 1161         /* /filename:linenr ? Save line number and ignore. */
1162 - if (regexexec(&file_lineno, line, 2, match, 0) == 0) {
1163 -         *line_nr = atoi(line + match[1].rm_so);
1162 + if (regexexec(&file_lineno, parsed_line, 2, match, 0) == 0) {
1163 +         *line_nr = atoi(parsed_line + match[1].rm_so);
1164 1164         return 0;
1165 1165     }
```

Git 은 Collaboration Tool

Git 의 Commit ? Patch ?

perf annotate: Use stripped line instead of raw disassemble line

[Browse files](#)

When parsing disassemble lines for source line number, use a stripped line instead of raw line.

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Cc: Namhyung Kim <namhyung@kernel.org>

Link: <http://lkml.kernel.org/r/1491612748-1605-3-git-send-email-treeze.taeung@gmail.com>

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1164 1164         return 0;
1165 1165     }
```

Hello world 찍을때 ,

Git 이 필요한가 ? Needs / Wants

Hello world 찍을때 ,

Git 이 Needs 인 세상 == 오픈소스 프로젝트

Commit 단위로 개발 진행 ?

사례를 통해

오픈소스 개발방식 이해 해보자

오픈소스 프로젝트 uftrace:

간단한 소개

github.com/namhyung/uftrace

<> Code

🔔 Issues 7

🔗 Pull requests 1

📖 Wiki

Insights ▾

Function (graph) tracer for user-space

trace

functions

🔔 1,705 commits

🔗 9 branches

📦 7 releases

👤 11 contributors

📄 GPL-2.0

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾



namhyung Merge branch 'mcount-update' ...

Latest commit 65340a8 a day ago

📁 arch	mcount: Remove unnecessary mcount_arch_parent_location()	a day ago
📁 check-deps	build: Fix a permission problem in configure	4 months ago
📁 doc	recv: Use -d/--data option to specify data directory	3 days ago
📁 libmcount	mcount: Reduce trigger init overhead	a day ago
📁 libtraceevent	libtraceevent: Adjust switch statements for fall-through warning on g...	24 days ago
📁 misc	misc: Add apply-patch.sh script	5 months ago
📁 tests	test: Add more test cases for setjmp/longjmp	3 days ago
📁 utils	recv: Send kernel trace data through socket	3 days ago
📄 .gitignore	test: Add a test case for dlopen	4 months ago
📄 .travis.yml	uftrace: Integrate Coverity Scan into Travis CI	a month ago
📄 CONTRIBUTING.md	doc: Move CONTRIBUTING.md out of doc directory	8 days ago
📄 COPYING	Add copyright and GPL v2 licence notice	3 years ago
📄 INSTALL.md	doc: Update INSTALL.md	8 months ago
📄 Makefile	build: Cleanup Makefiles	2 days ago

<https://github.com/namhyung/uftrace>

build passing coverity passed

uftrace

The uftrace tool is to trace and analyze execution of a program written in C/C++. It was heavily inspired by the ftrace framework of the Linux kernel (especially function graph tracer) and supports userspace programs. It supports various kind of commands and filters to help analysis of the program execution and performance.

- Homepage: <https://github.com/namhyung/uftrace>
- Tutorial: <https://github.com/namhyung/uftrace/wiki/Tutorial>
- Chat: <https://gitter.im/uftrace/uftrace>

Features

It traces each function in the executable and shows time duration. It can also trace external library calls - but only entry and exit are supported and cannot trace internal function calls in the library call unless the library itself built with profiling enabled.

It can show detailed execution flow at function level, and report which function has the highest overhead. And it also shows various information related the execution environment.

You can setup filters to exclude or include specific functions when tracing. In addition, it can save and show function arguments and return value.

It supports multi-process and/or multi-threaded applications. With root privilege, it can also trace kernel functions as well(with `-k` option) if the system enables the function graph tracer in the kernel (`CONFIG_FUNCTION_GRAPH_TRACER=y`).

How to use uftrace

The uftrace command has following subcommands:

- `record` : runs a program and saves the trace data
- `replay` : shows program execution in the trace data

<https://github.com/namhyung/uftrace>

```
$ gcc test.c
```

```
void bar() {  
}  
void foo() {  
    bar();  
}  
int main() {  
    foo();  
}
```

```
$ gcc -pg test.c
```

```
void bar() {
}

void foo() {
    bar();
}

int main() {
    foo();
}

<bar>:
    call <mcount@plt>
    ret

<foo>:
    call <mcount@plt>
    call <bar>
    ret

<main>:
    call <mcount@plt>
    call <foo>
    ret
```

```
$ gcc -pg test.c
```

```
$ uftrace a.out
```

#	DURATION	TID	FUNCTION
	0.531 us	[21315]	__monstartup();
	0.435 us	[21315]	__cxa_atexit();
		[21315]	main() {
		[21315]	foo() {
	0.134 us	[21315]	bar();
	0.564 us	[21315]	} /* foo */
	0.890 us	[21315]	} /* main */


```
$ gcc -pg fibonacci.c
```

```
$ uftrace -A fib@arg1 fibonacci 5
```

```
fib(5) = 5
```

#	DURATION	TID	FUNCTION
	0.770 us	[31365]	__monstartup();
	0.492 us	[31365]	__cxa_atexit();
		[31365]	main() {
	1.507 us	[31365]	atoi();
		[31365]	fib(5) {
		[31365]	fib(4) {
		[31365]	fib(3) {
	1.293 us	[31365]	fib(2);
	0.172 us	[31365]	fib(1);
	2.295 us	[31365]	} /* fib */
	0.157 us	[31365]	fib(2);
	3.025 us	[31365]	} /* fib */
		[31365]	fib(3) {
	0.150 us	[31365]	fib(2);
	0.155 us	[31365]	fib(1);
	0.917 us	[31365]	} /* fib */
	5.232 us	[31365]	} /* fib */
	4.856 us	[31365]	printf();
	12.697 us	[31365]	} /* main */

```
$ gcc -pg fibonacci.c
```

```
$ uftrace -A fib@arg1 -R fib@retval fibonacci 5
```

```
fib(5) = 5
```

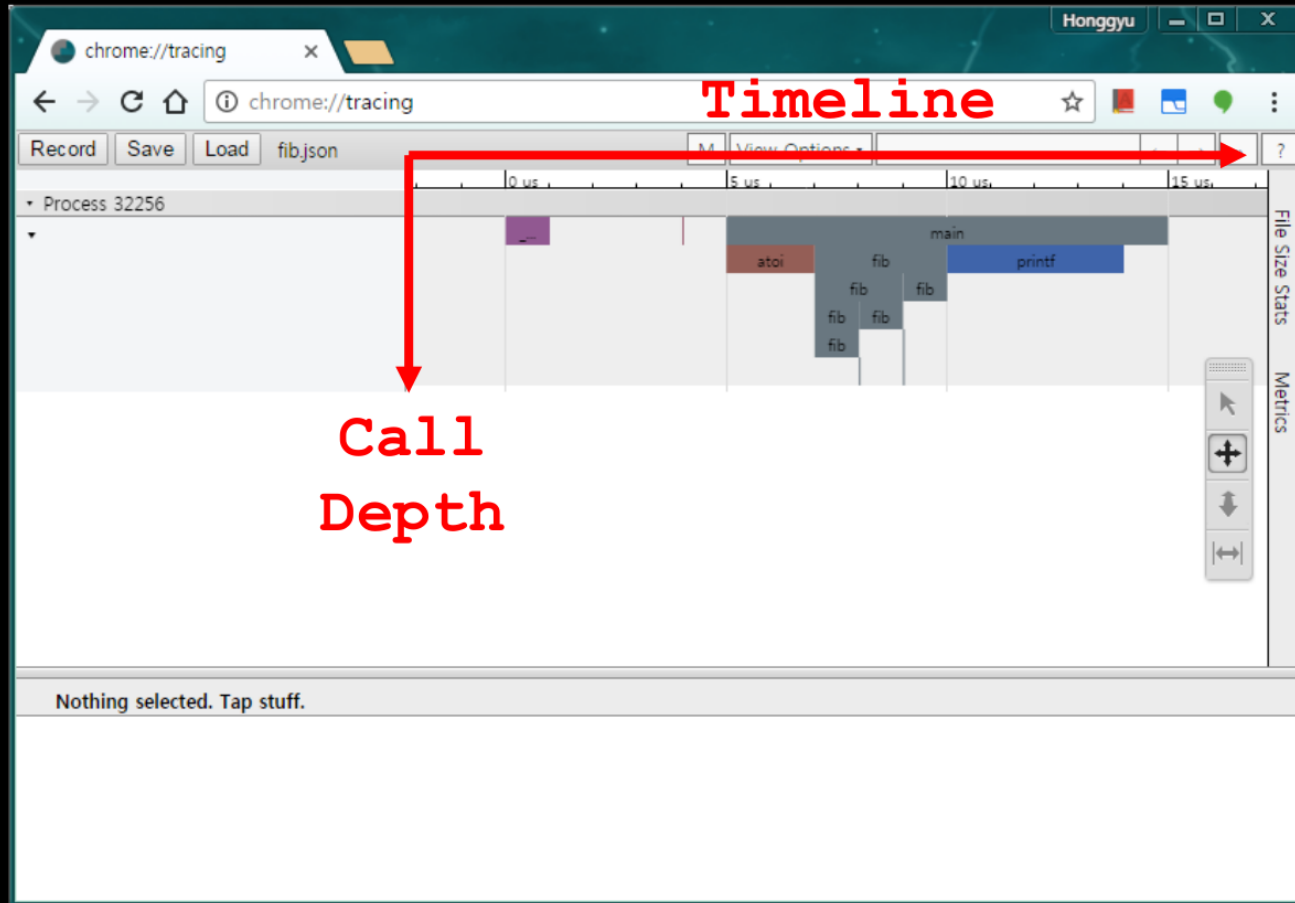
#	DURATION	TID	FUNCTION
	0.718 us	[31379]	__monstartup();
	0.464 us	[31379]	__cxa_atexit();
		[31379]	main() {
	1.442 us	[31379]	atoi();
		[31379]	fib(5) {
		[31379]	fib(4) {
		[31379]	fib(3) {
	1.395 us	[31379]	fib(2) = 1;
	0.174 us	[31379]	fib(1) = 1;
	2.562 us	[31379]	} = 2; /* fib */
	0.157 us	[31379]	fib(2) = 1;
	3.330 us	[31379]	} = 3; /* fib */
		[31379]	fib(3) {
	0.152 us	[31379]	fib(2) = 1;
	0.154 us	[31379]	fib(1) = 1;
	0.959 us	[31379]	} = 2; /* fib */
	5.351 us	[31379]	} = 5; /* fib */
	5.729 us	[31379]	printf();
	13.627 us	[31379]	} /* main */

```
$ gcc -pg fibonacci.c  
$ uftrace record fibonacci 5  
fib(5) = 5  
$ uftrace dump --chrome
```

```
$ gcc -pg fibonacci.c
$ uftrace record fibonacci 5
fib(5) = 5
$ uftrace dump --chrome
```

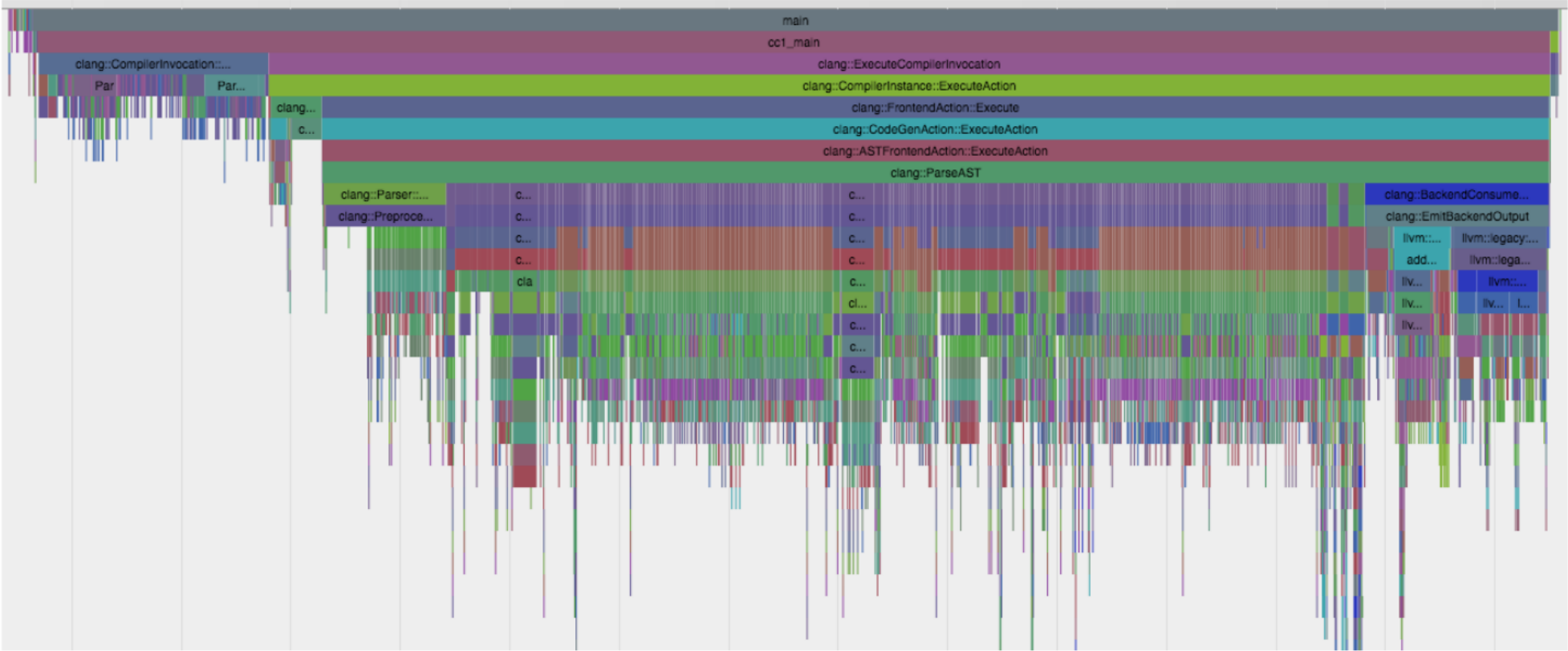
```
{ "traceEvents": [
  { "ts": 5913706403443, "ph": "B", "pid": 32256, "name": "__monstartup" },
  { "ts": 5913706403444, "ph": "E", "pid": 32256, "name": "__monstartup" },
  { "ts": 5913706403447, "ph": "B", "pid": 32256, "name": "__cxa_atexit" },
  { "ts": 5913706403447, "ph": "E", "pid": 32256, "name": "__cxa_atexit" },
  { "ts": 5913706403448, "ph": "B", "pid": 32256, "name": "main" },
  { "ts": 5913706403448, "ph": "B", "pid": 32256, "name": "atoi" },
  { "ts": 5913706403450, "ph": "E", "pid": 32256, "name": "atoi" },
  { "ts": 5913706403450, "ph": "B", "pid": 32256, "name": "fib" },
  { "ts": 5913706403450, "ph": "B", "pid": 32256, "name": "fib" },
    . . .
  { "ts": 5913706403452, "ph": "E", "pid": 32256, "name": "fib" },
  { "ts": 5913706403453, "ph": "E", "pid": 32256, "name": "fib" },
  { "ts": 5913706403453, "ph": "E", "pid": 32256, "name": "fib" },
  { "ts": 5913706403453, "ph": "B", "pid": 32256, "name": "printf" },
  { "ts": 5913706403457, "ph": "E", "pid": 32256, "name": "printf" },
  { "ts": 5913706403458, "ph": "E", "pid": 32256, "name": "main" }
], "metadata": {
  "command_line": "uftrace record fibonacci 5 ",
  "recorded_time": "Thu Sep 22 22:31:17 2016"
} }
```

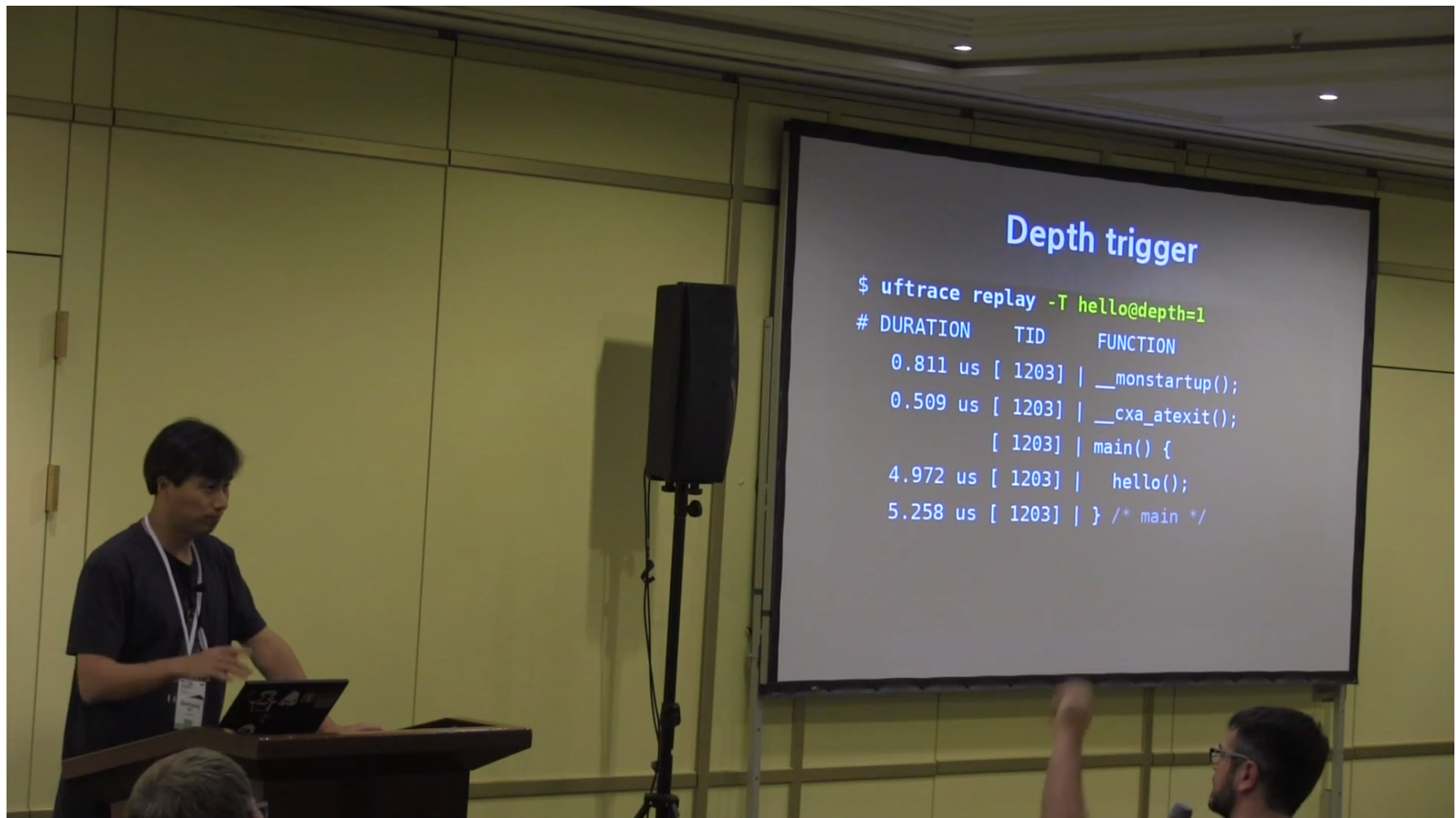
1. Open Chrome Browser
2. Load JSON file in **chrome://tracing**



Compilation Procedure Study of Clang/LLVM

Internal function trace records of Clang/LLVM that compiles a target source code





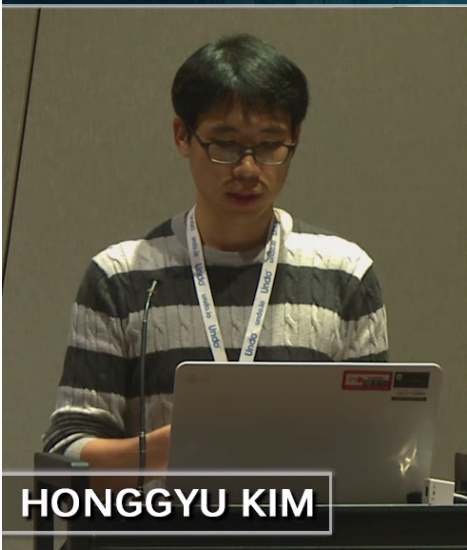
Depth trigger

```
$ ufttrace replay -T hello@depth=1
```

#	DURATION	TID	FUNCTION
	0.811 us	[1203]	__monstartup();
	0.509 us	[1203]	__cxa_atexit();
		[1203]	main() {
	4.972 us	[1203]	hello();
	5.258 us	[1203]	} /* main */

<http://tracingsummit.org/wiki/TracingSummit2016ufttrace>

<https://youtu.be/U3hTR6-pWu0>



HONGGYU KIM

uftrace: A function
graph tracer for
C/C++ userspace
programs

CppCon.org

```
$ gcc -pg test.c
```

```
$ uftrace a.out
```

#	DURATION	TID	FUNCTION
	0.531 us	[21315]	__monstartup();
	0.435 us	[21315]	__cxa_atexit();
		[21315]	main() {
		[21315]	foo() {
	0.134 us	[21315]	bar();
	0.564 us	[21315]	} /* foo */
	0.890 us	[21315]	} /* main */

<https://cppcon.org/> <https://youtu.be/LNav5qvyK7I>

<https://github.com/CppCon/CppCon2016/blob/master/Lightning%20Talks%20and%20Lunch%20Sessions/uftrace%20-%20A%20function%20graph%20tracer%20C%20C%20B%2B%20userspace%20programs/uftrace%20-%20A%20function%20graph%20tracer%20C%20C%20B%2B%20userspace%20programs%20-%20Namhyung%20Kim%20and%20Honggyu%20Kim%20-%20CppCon%202016.pdf>

오픈소스 프로젝트 uftrace:

Pull request / Review 과정 예시

filter: Support a float time value for trigger #76

[Edit](#)

Merged namhyung merged 3 commits into namhyung:master from Taeung:time-trigger/float-threshold on Mar 23

Conversation 11

Commits 3

Files changed 26

+147 -137



Taeung commented on Mar 20

Collaborator



The time tigger cannot handle a float value
so fix it using existing parse_time().

@namhyung

I moved parse_time() function into utils/utils.c
But if you don't agree the movement,
I'll resend v2 fixing it.

Before:

```
$ ufttrace record ./hello
$ ufttrace replay -T main@time=1.79us
# DURATION    TID     FUNCTION
   1.013 us [19810] | __monstartup();
   0.649 us [19810] | __cxa_atexit();
                [19810] | main() {
  11.739 us [19810] | puts();
                [19810] | foo() {
   1.785 us [19810] | puts();
   2.357 us [19810] | } /* foo */
  15.040 us [19810] | } /* main */
```

After:

```
$ ufttrace replay -T main@time=1.79us
# DURATION    TID     FUNCTION
   1.013 us [19810] | __monstartup();
   0.649 us [19810] | __cxa_atexit();
                [19810] | main() {
  11.739 us [19810] | puts();
   2.357 us [19810] | foo();
  15.040 us [19810] | } /* main */
```

Reviewers



namhyung



Assignees



No one—assign yourself

Labels



None yet

Milestone



No milestone

Notifications

Unsubscribe

You're receiving notifications
because you authored the thread.

2 participants



Lock conversation

☐ Allow edits from maintainers.

[Learn more](#)

perf annotate: Use stripped line instead of raw disassemble line

[Browse files](#)

When parsing disassemble lines for source line number, use a stripped line instead of raw line.

Signed-off-by: Taeung Song <treeze.taeung@gmail.com>

Cc: Andi Kleen <ak@linux.intel.com>

Cc: Jiri Olsa <jolsa@kernel.org>

Cc: Namhyung Kim <namhyung@kernel.org>

Link: <http://lkml.kernel.org/r/1491612748-1605-3-git-send-email-treeze.taeung@gmail.com>

Signed-off-by: Arnaldo Carvalho de Melo <acme@redhat.com>

🔗 master 🔗 v4.12-rc2 v4.12-rc1



Taeung committed with Arnaldo Carvalho de Melo on Apr 8

1 parent 4597cf0

commit 986a5bc028a84d487c354a529730b48682d1fb41

📄 Showing 1 changed file with 2 additions and 2 deletions.

Unified

Split

4 📄 tools/perf/util/annotate.c

View



```
@@ -1159,8 +1159,8 @@ static int symbol__parse_objdump_line(struct symbol *sym, struct map *map,
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1162 -         if (regexexec(&file_lineno, line, 2, match, 0) == 0) {
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1163 +                 *line_nr = atoi(parsed_line + match[1].rm_so);
1164 1164         return 0;
1165 1165     }
```

After:

```
$ uftrace replay -T main@time=1.79us
# DURATION    TID     FUNCTION
   1.013 us [19810] | __monstartup();
   0.649 us [19810] | __cxa_atexit();
           [19810] | main() {
  11.739 us [19810] |     puts();
   2.357 us [19810] |     foo();
  15.040 us [19810] | } /* main */
```



namhyung requested changes on Mar 20

[View changes](#)

I'm ok with the change. But please break the removal of string.h and ctype.h into a separate commit. Also it'd be great if you could add a test case.



Taeung commented on Mar 20

Collaborator



Okey, I resend v2 as you said tomorrow !



Taeung commented on Mar 22

Collaborator



@**namhyung** could you check this PR?

I sent v2 according to your comment. 🐼

[Code](#)[Issues](#) 5[Pull requests](#) 1[Wiki](#)[Insights](#) ▾

filter: Support a float time value for trigger #76

[Edit](#)[Merged](#)namhyung merged 3 commits into `namhyung:master` from `Taeung:time-trigger/float-threshold` on Mar 23[Conversation](#) 11[Commits](#) 3[Files changed](#) 26+147 -137 ■ ■ ■ ■[Commits on Mar 23, 2017](#)**filter: Support a float time value for trigger** ...

Taeung committed on Mar 21



a3e3a04

**test: Add second test case for time trigger** ...

Taeung committed on Mar 21



f51fde2

**utils: Remove string.h and ctype.h if including utils.h** ...

Taeung committed on Mar 21 ✓



c9eabc6





namhyung commented on Mar 22

Owner



Oh, I missed that. Will check!



namhyung requested changes on Mar 22

[View changes](#)

I'm not sure about the header file changes, but it seems to help writing C files with fewer lines. So I'll take it (and maybe move others later).

tests/t135_trigger_time2.py

Hide outdated

```
34 + p = sp.Popen(replay_cmd, shell=True, stdout=sp.PIPE, stderr=sp.PIPE)
35 + r = p.communicate()[0].decode()
36 + START, unit = r.split('\n')[1].split()[0:2] # skip header
37 + START = str(float(START) + 0.001) # for time filtering
```



namhyung on Mar 22

Owner

I don't think converting float into str is a good idea here. Also 'START' is not a good name, what about THRESHOLD or something?



Taeung on Mar 22 • edited

Collaborator

Okey, will change them.

```
41 +         return TestBase.TEST_SUCCESS
42 +
43 +     def runcmd(self):
44 +         return '%s replay -T main@time=%s -d %s' % (TestBase.ftrace, START,
```



namhyung on Mar 22 Owner

Here the time filter value might be longer than 3 digits. For my (failed) test case, it was `-T main@time=1.2799999999999998us` so I think it's better to print it as float with a precision limit:

```
diff --git a/tests/t135_trigger_time2.py b/tests/t135_trigger_time2.py
index f16230d..268f844 100644
--- a/tests/t135_trigger_time2.py
+++ b/tests/t135_trigger_time2.py
@@ -4,7 +4,8 @@ from unittest import TestBase
import subprocess as sp

TDIR='xxx'
-START=0
+TIME=0
+UNIT=''

class TestCase(TestBase):
    def __init__(self):
@@ -24,7 +25,7 @@ class TestCase(TestBase):
    """", sort='simple')

    def pre(self):
-        global START
+        global TIME, UNIT

        record_cmd = '%s record -F main -d %s %s' % (TestBase.ftrace, TDIR, '
        sp.call(record_cmd.split())
@@ -33,15 +34,14 @@ class TestCase(TestBase):
```



Taeung added some commits on Mar 21



filter: Support a float time value for trigger ...

a3e3a04



test: Add second test case for time trigger ...

f51fde2



Taeung commented on Mar 23 • edited

Collaborator



@**namhyung** I sent v3 according to your changes including 'signed off by you'. 🙏



utils: Remove string.h and ctype.h if including utils.h ...



c9eabc6



Taeung commented on Mar 23

Collaborator



@**namhyung** Oops, I missed changing the commit ID in the change log ([Taeung/uftrace@c9eabc6](#)), so fixed it now !



namhyung merged commit **4c0def3** into **namhyung:master** on Mar 23

1 check passed

[View details](#)

[Revert](#)



Pull request successfully merged and closed

You're all set—the **Taeung:time-trigger/float...** branch can be safely deleted.

[Delete branch](#)

dump: support ctf output format #80

[Edit](#)[Open](#) abenbachir wants to merge 1 commit into `namhyung:master` from `abenbachir:support-ctf-format`

Conversation 11

Commits 1

Files changed 11

+352 -4



abenbachir commented on Apr 2 • edited

Contributor



Hi @namhyung,

This pull request introduce a new dump format: Comment Trace Format (CTF), which is a binary trace format mostly used by a powerfull tracer known as Lttng.

One dependency would be added in order to use CTF features: libbabeltrace-ctf (1.5 or 2.0)

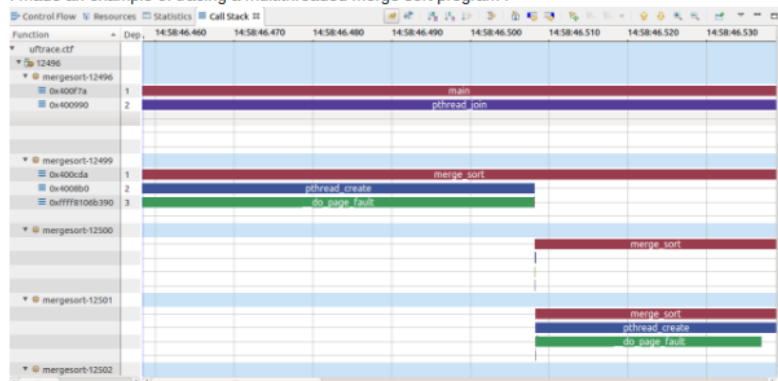
This CTF conversion will provide developers the possibility of using Trace Compass, an application for viewing and analyzing traces which support CTF.

Trace Compass is powerfull and very optimized for analyzing very big traces as 10 GB of traces data, but it also comes with many configurable and builtin views like CPU, Memory usage, Control flow and, stack view and so on.

The call stack view will be used to display the callgraph dumped from ufttrace.

I intent to write documentations on how to use Trace Compass features with ufttrace.

I made an example of tracing a multithreaded merge sort program :



namhyung commented on Apr 3 • edited

Owner



@abenbachir Thanks for contributing this!! I'm really happy to see ufttrace supports the CTF format.

However I think the babeltrace library is not very popular so we need to opt-out if it's not installed on the system. Also my system has an old version of the library so I see an error like following:

Reviewers



Suggestions

namhyung



Assignees



No one—assign yourself

Labels



None yet

Milestone



No milestone

Notifications

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4 participants



Lock conversation

Make the configure script more packaging-friendly #98

[Edit](#)

Merged namhyung merged 6 commits into `namhyung:master` from `Dridi:configure` 8 days ago

Conversation 19

Commits 6

Files changed 1

+26 -23



Dridi commented 9 days ago

Contributor + 🗨️ ✎️

Hello,

Someone's trying to introduce `uftrace` on Fedora [1] and I'd like to see this move forward. One problem is that the configure script doesn't meet packaging expectations, which is fixed in `77dcd9c` `ca9d704`. That should make downstream maintainers lives easier since they'd less likely need to manually update the packaging whenever a guideline changes.

I also polished the script a bit.

Dridi

[1] https://bugzilla.redhat.com/show_bug.cgi?id=1398922



namhyung commented 9 days ago • edited

Owner + 🗨️ ✎️ ✕

Thank you for fixing this, all look good to me.

@thepaul @bkircher @ganadist Are you ok with this change?



👁️ thepaul reviewed 9 days ago

[View changes](#)

configure

Show outdated



thepaul commented 9 days ago

Contributor + 🗨️ ✎️ ✕

Ok with the change other than my quibble about `${foo%x}` vs `${foo%*}`. This won't affect the deb packaging much.

Reviewers



thepaul



namhyung



Assignees



No one—assign yourself

Labels



None yet

Milestone



No milestone

Notifications

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🔒 Lock conversation

오픈소스 프로젝트 ufttrace:

Issue / Discussion 과정 예시

PLT hook segfault about GCC 7 #91

[Edit](#)[New issue](#) Closed

Taeung opened this issue on Apr 23 · 14 comments



Taeung commented on Apr 23 • edited

Collaborator



There is no this problem of ufttrace built by gcc 5.4.1 .

But when building ufttrace by gcc 7.0.1 , I found the segmentation fault about PLT hook like below.

```
# normal tracing

$ uftrace tests/t-abc
WARN: invalid task file
child terminated by signal: 11: Segmentation fault
# DURATION      TID      FUNCTION
0.982 us [ 5133] |      c();
1.854 us [ 5133] |      } /* b */
2.170 us [ 5133] |      } /* a */
2.792 us [ 5133] | } /* main */
```

But if using `--no-libcall` , the segmentation fault didn't appear.

```
$ uftrace --no-libcall t-abc
# DURATION      TID      FUNCTION
[ 5133] |      main() {
[ 5133] |      a() {
[ 5133] |      b() {
0.982 us [ 5133] |      c();
1.854 us [ 5133] |      } /* b */
2.170 us [ 5133] |      } /* a */
2.792 us [ 5133] | } /* main */
```

If checking core file, you can see [libmcount/plthook.c:429](#)

```
Reading symbols from t-abc...(no debugging symbols found)...done.
[New LWP 5249]
[Thread debugging using libthread_db enabled]
Using host libthread_db library "/lib/x86_64-linux-gnu/libthread_db.so.1".
Core was generated by `t-abc'.
Program terminated with signal SIGSEGV, Segmentation fault.
#0  0x00007ff5a1b8a322 in plthook_entry (ret_addr=0x7fffd79fb0378, child_idx=1,
    module_id=140692961395048, regs=0x7fffd79fb0338)
    at /home/taeung/git/uftrace/libmcount/plthook.c:429
429      struct ftrace_trigger tr = {
```

Assignees



No one—assign yourself

Labels




critical

Milestone




No milestone

Notifications

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2 participants

 Lock conversation



namhyung commented on Apr 24 • edited

Owner



Is the test program (t-abc) is a same binary for both case (or is it also rebuilt with GCC7)? I need to check GCC changes about PLT handling..



namhyung commented on Apr 24

Owner



If the binaries are different (IOW rebuilt), could you please chek there's any difference in the disassembly output?



Taeung commented on Apr 24

Collaborator



@namhyung I think there aren't big difference about PLT handling..

But if checking disassembly code of test program (t-abc) built by gcc 5 ,

Disassembly of section .plt:

000000000400510 <getpid@plt-0x10>:

400510:	ff 35 f2 0a 20 00	pushq	0x200af2(%rip)	# 601008 <_GLOBAL_OFFSET
400516:	ff 25 f4 0a 20 00	jmpq	*0x200af4(%rip)	# 601010 <_GLOBAL_OFF
40051c:	0f 1f 40 00	nopl	0x0(%rax)	

000000000400520 <getpid@plt>:

400520:	ff 25 f2 0a 20 00	jmpq	*0x200af2(%rip)	# 601018 <_GLOBAL_OFF
400526:	68 00 00 00 00	pushq	\$0x0	
40052b:	e9 e0 ff ff ff	jmpq	400510 <_init+0x20>	

- B-2) test program(t-abc) built by gcc 7

```
$ gcc -dumpversion
7.0.1

$ ./runtest.py basic
Test case      pg      finstrument-fu
-----: 00 01 02 03 0s 00 01 02 03 0s
001 basic      : SG SG SG SG SG SG SG SG SG SG
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
child terminated by signal: 11: Segmentation fault
...
```



namhyung commented on Apr 24

Owner



OK. Many thanks. Could you provide a link for libmcount-fast.so built with GCC7 so that I can take a look at the binary?



Taeung commented on Apr 24 • edited

Collaborator



@namhyung Okey, you want to download [libmcount-fast.so](#) built by gcc 7. Right ?



namhyung commented on Apr 24

Owner



Yes, appreciated!



namhyung commented on Apr 24

Owner



And the problem might be due to stack alignment required by "movaps" instruction. Could you please test below patch?

```
diff --git a/arch/x86_64/plthook.S b/arch/x86_64/plthook.S
index baa6b52..fe0ff44 100644
--- a/arch/x86_64/plthook.S
+++ b/arch/x86_64/plthook.S
@@ -3,8 +3,10 @@ plt_hooker:
     .cfi_startproc
     /* PLT code already pushed symbol and module indices */
     .cfi_adjust_cfa_offset 16
-    sub $48, %rsp
-    .cfi_adjust_cfa_offset 48
+    sub $56, %rsp
+    .cfi_adjust_cfa_offset 56
+    movq %rax, 48(%rsp)
+    .cfi_offset rdi, -32
+    movq %rdi, 40(%rsp)
+    .cfi_offset rdi, -32
+    movq %rsi, 32(%rsp)
@@ -19,11 +21,11 @@ plt_hooker:
     .cfi_offset r9, -72

     /* child idx */
-    movq 56(%rsp), %rsi
+    movq 64(%rsp), %rsi
     /* address of parent ip */
-    lea 64(%rsp), %rdi
+    lea 72(%rsp), %rdi
     /* module id */
-    movq 48(%rsp), %rdx
+    movq 56(%rsp), %rdx
     /* mcount_args */
     movq %rsp, %rcx
```



Taeung commented on Apr 24

Collaborator



Sure, after I tested this, will tell you the result ! 🤖



Taeung commented on Apr 24 • edited

Collaborator



@namhyung The segfault is gone ! with your patch.

But I don't understand exactly what +8 and alignment for movaps instruction means..
I think I seem to need the domain knowledge and Google.. 🤖



namhyung commented on Apr 24

Owner



FYI

http://x86.renejeschke.de/html/file_module_x86_id_180.html

```
(gdb) disas
```

```
Dump of assembler code for function plthook_entry:
```

```
0x00007f09d8db5300 <+0>:    push    %r15
0x00007f09d8db5302 <+2>:    push    %r14
0x00007f09d8db5304 <+4>:    push    %r13
0x00007f09d8db5306 <+6>:    push    %r12
0x00007f09d8db5308 <+8>:    push    %rbp
0x00007f09d8db5309 <+9>:    push    %rbx
0x00007f09d8db530a <+10>:   pxor    %xmm0,%xmm0
0x00007f09d8db530e <+14>:   sub     $0x58,%rsp
0x00007f09d8db5312 <+18>:   lea     0x2169c8(%rip),%rax        # 0x7f09d8fcbce1 <mcount_
0x00007f09d8db5319 <+25>:   movq    $0x0,0x40(%rsp)
=> 0x00007f09d8db5322 <+34>:   movaps  %xmm0,0x20(%rsp)
```

```
(gdb) p $rsp
```

```
$1 = (void *) 0x7ffa19971f8
```



```
(gdb) disas
Dump of assembler code for function plthook_entry:
   0x00007f09d8db5300 <+0>:    push    %r15
   0x00007f09d8db5302 <+2>:    push    %r14
   0x00007f09d8db5304 <+4>:    push    %r13
   0x00007f09d8db5306 <+6>:    push    %r12
   0x00007f09d8db5308 <+8>:    push    %rbp
   0x00007f09d8db5309 <+9>:    push    %rbx
   0x00007f09d8db530a <+10>:   pxor    %xmm0,%xmm0
   0x00007f09d8db530e <+14>:   sub     $0x58,%rsp
   0x00007f09d8db5312 <+18>:   lea     0x2169c8(%rip),%rax      # 0x7f09d8fcbce1 <mcount_
   0x00007f09d8db5319 <+25>:   movq    $0x0,0x40(%rsp)
=> 0x00007f09d8db5322 <+34>:   movaps  %xmm0,0x20(%rsp)

(gdb) p $rsp
$1 = (void *) 0x7ffa19971f8
```



Taeung commented on Apr 24

Collaborator



Thank you !



namhyung added **bug** **critical** and removed **bug** labels on Apr 24



namhyung closed this in [7b80ea8](#) on Apr 24



This was referenced 29 days ago

-mfentry segfault on GCC 7 #92

Closed

PLT hook segfault from <__fentry__@plt> on GCC7 #100

Closed

mcount: Fix segfault on GCC7

[Browse files](#)


Taeung reported that ufttrace crashed with segfault when it's built by GCC 7.x. This was because gcc saves %xmm register on function prologue using movaps but stack was not aligned in 16-byte boundary. It should be aligned otherwise CPU generates an exception (see below link):

http://x86.renejeschke.de/html/file_module_x86_id_180.html

Fixes #91.

Reported-and-tested-by: Taeung Song <treeze.taeung@gmail.com>

Signed-off-by: Namhyung Kim <namhyung@gmail.com>

 master



namhyung committed on Apr 24

1 parent [5c0e195](#)

commit [7b80ea8c2801bb8b034bc784259662bf08ae349f](#)



Showing **1 changed file** with **26 additions** and **26 deletions**.

Unified

Split

52  arch/x86_64/plthook.S

View



@@ -3,40 +3,40 @@ plt_hooker:

3	3	.cfi_startproc
4	4	/* PLT code already pushed symbol and module indices */
5	5	.cfi_adjust_cfa_offset 16
6	-	sub \$48, %rsp
7	-	.cfi_adjust_cfa_offset 48

SDT event support #85

[Edit](#)[New Issue](#)

namhyung opened this issue on Apr 11 · 17 comments



namhyung commented on Apr 11 • edited by Taeung

Owner



Add basic support for event tracing. The event tracing is usable when there are available events on the system. Currently [systemtap SDT](#) can be used, and it's already added to many programs and libraries on Ubuntu systems at least. It doesn't save and show event's arguments yet but it'll be added soon.

The code was pushed to [review/sdt-support-v1](#) branch.

An SDT event can be defined using STAP_PROBE* macro like following. I defined "uftrace:event1" event (note that an event has PROVIDER:EVENT format) with a single argument of "n". The code will add a NOP insn at the point of the event. For more information, please see [SDT implementation](#) page.

The uftrace will replace the NOP insn to an invalid op so that it can generate an illegal opcode exception which sends SIGILL signal to the current task. And then it registers a signal handler for SIGILL to process the event information and continue to proceed with the next instruction.

```
$ cat tests/s-sdt.c
#include <stdio.h>
#include <stdlib.h>
#include <sys/sdt.h>           // <-- include the SDT header
```

```
void foo(int n)
{
    STAP_PROBE1(uftrace, event1, n); // <-- defined here
    printf("n = %d\n", n);
}
```

```
int main(int argc, char *argv[])
{
    int n = 1;

    if (argc > 1)
        n = atoi(argv[1]);
}
```

Assignees



No one—assign yourself

Labels



review

Milestone



No milestone

Notifications

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2 participants



Lock conversation

[Edit](#) [New issue](#)

bkircher opened this issue 7 days ago · 5 comments

```
./configure && make
```

Spec file is here [1]. But that is not really important. Just the fact that the build system adds its own set of GCC switches (mostly security related) and has its own set of paths where binaries and libraries will be put.

[illegible]

Labels

Milestone

Notifications

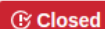
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 Lock conversation



Assertion error: Assertion `sess' failed when reading multithreaded data #40

[Edit](#)[New issue](#)

tahini opened this issue on Dec 22, 2016 · 11 comments



tahini commented on Dec 22, 2016

Contributor



I don't know if it's me, a bug or just lack of documentation, but I get this message when trying to 'ufrace report' on data from a multithreaded application (compiled with -lpthread):

```
ufrace: /home/me/sources/ufrace/utils/session.c:198: add_session_ref: Assertion 'sess' failed.
```

This is my task.txt file. It appears to have no way to identify the session for tid 9461. Shouldn't the SESS argument be the pid instead of the tid?

```
[me@me multithread]$ cat ufrace.data/task.txt
SESS timestamp=2525026.536462738 tid=9460 sid=c979e932a604f4f8 exename="/home/me/sources/t
TASK timestamp=2525026.536514704 tid=9460 pid=9457
TASK timestamp=2525026.536579834 tid=9461 pid=9457
```

I can work on a fix if need be.

Assignees



No one—assign yourself

Labels



critical

Milestone



No milestone

Notifications

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2 participants



Lock conversation



namhyung commented on Dec 22, 2016

Owner



@tahini hi, thanks for using ufrace and reporting the bug.

Looking at the task file, the task 9460 seems not a main thread, right? I'm not sure why task 9457 (the main thread, I guess) was not recorded and the session came from task 9460. If your program is not too big, could you please share it to investigate more?



tahini commented on Dec 22, 2016

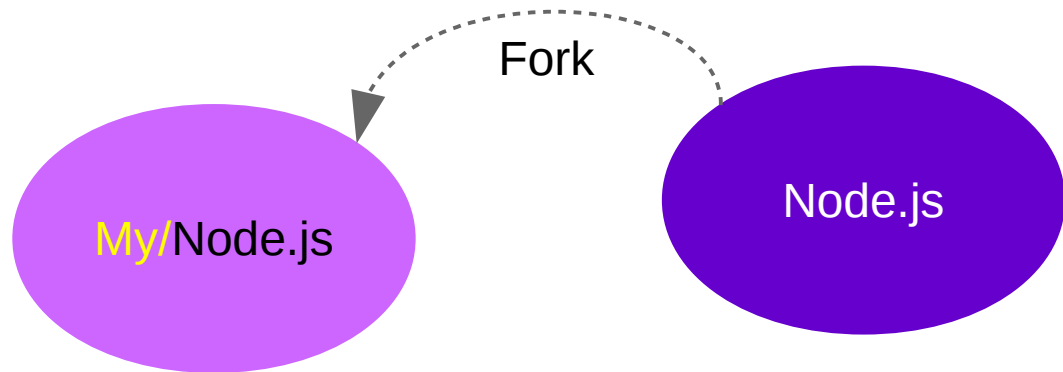
Contributor

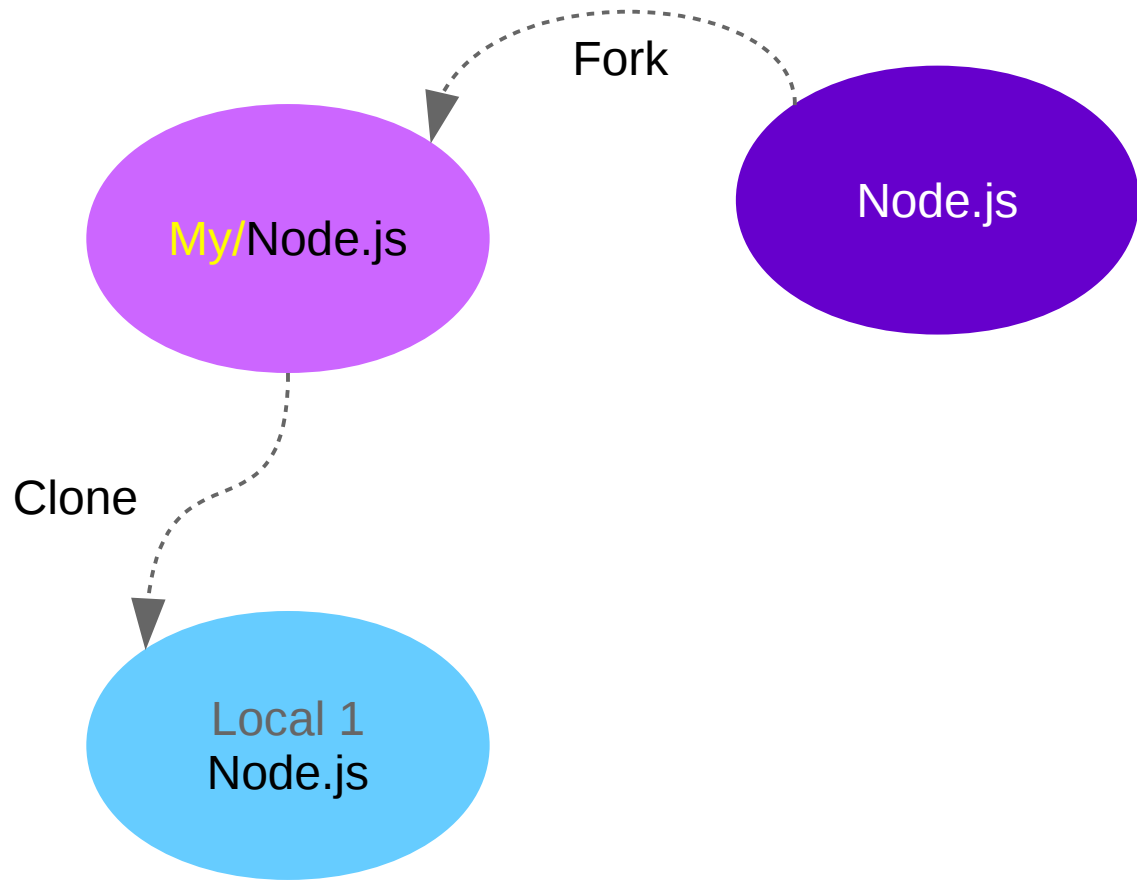


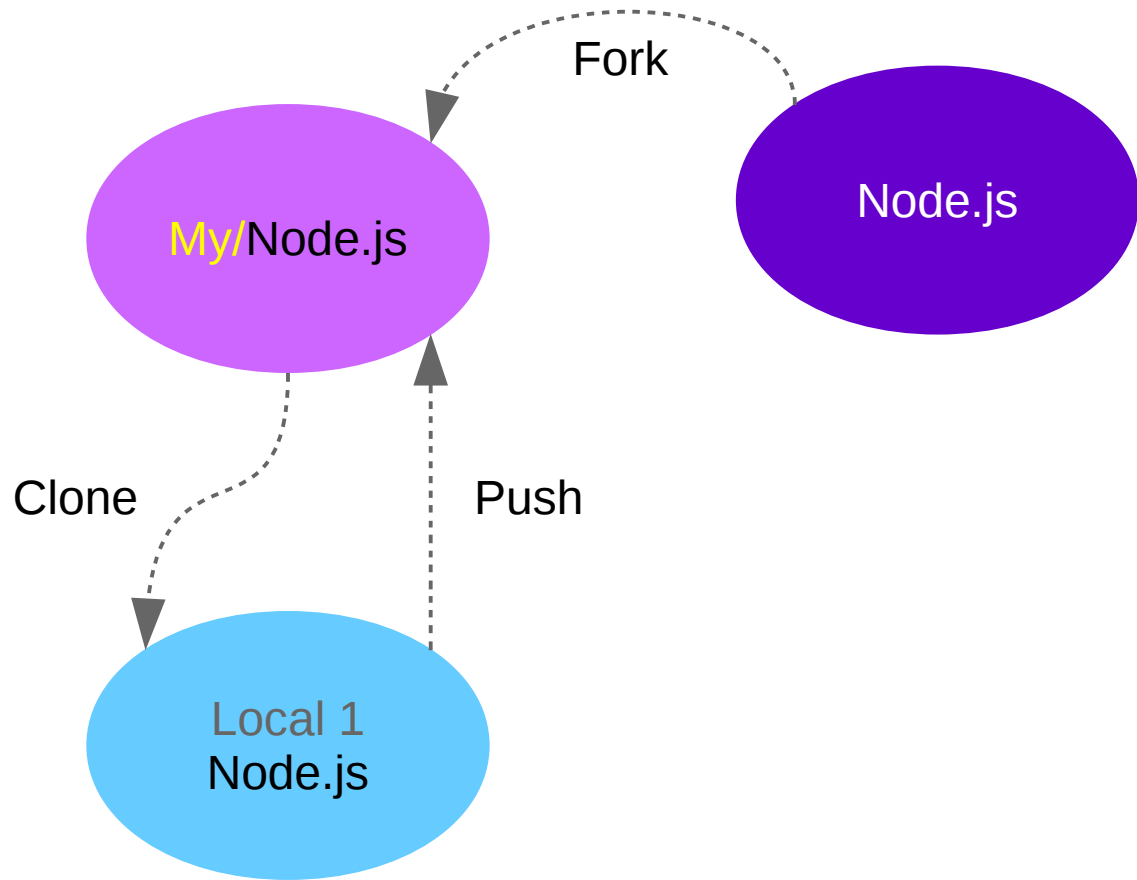
oh the program is not big at all! It's a toy program I did just to test and benchmark ufrace for students that

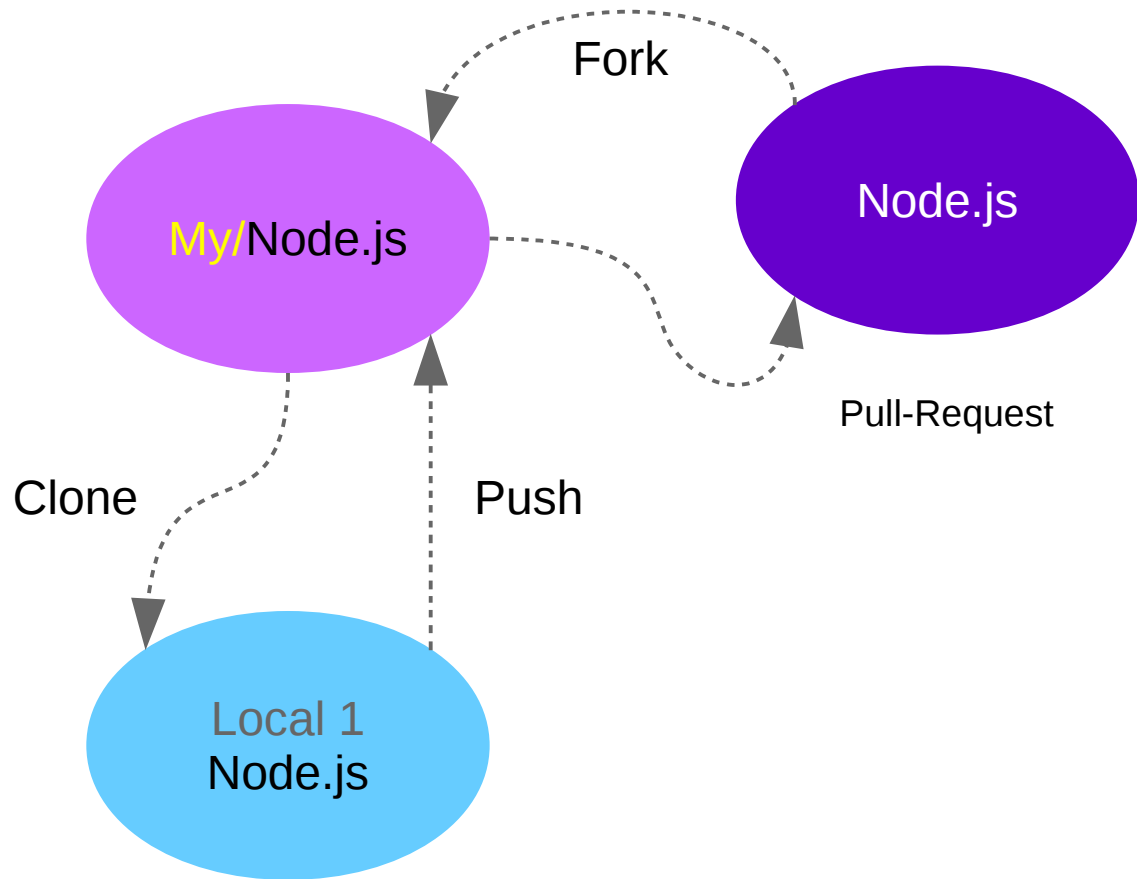
오픈소스 협업구조

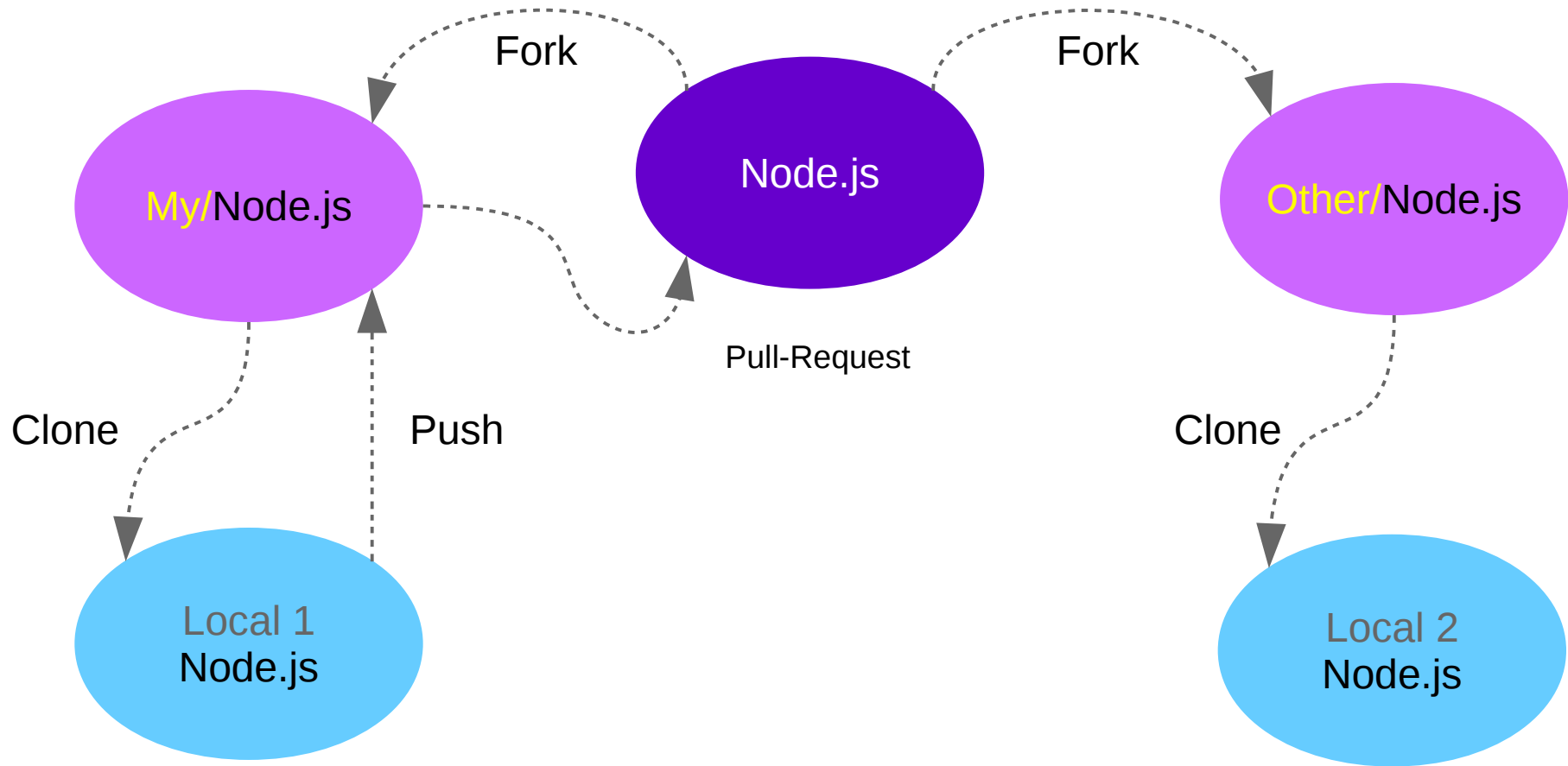


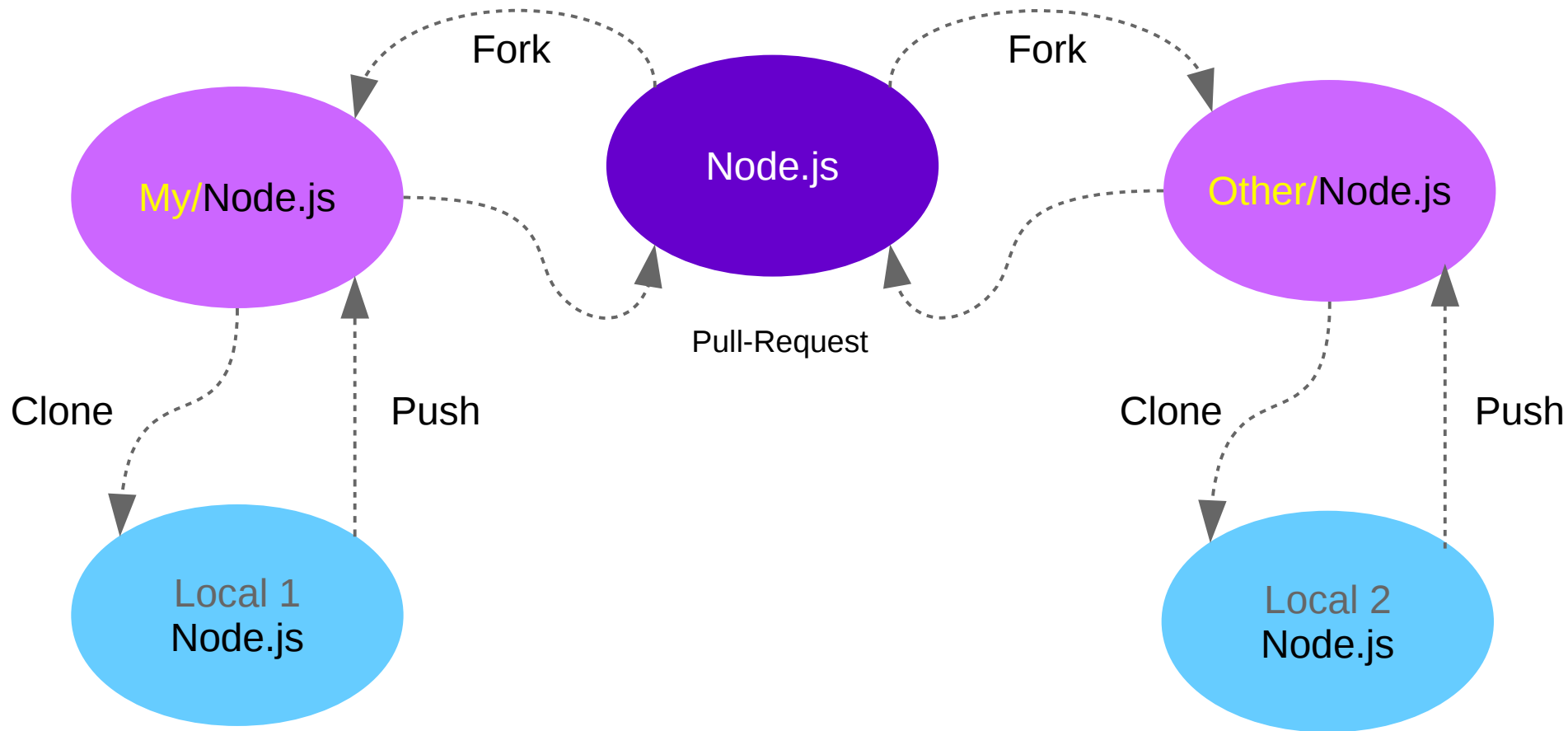












Why ?

VCS (git, svn, ...) 의 배경

소프트웨어의 특징

- 비가시성
- 변경성
- 제조가 아니라 개발

Commit 단위개발 Idea

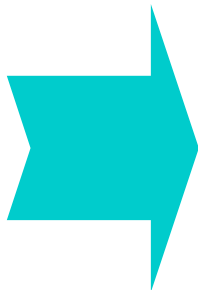
“ Commit 단위로 코딩하고 리뷰하고 토론하고 적용한다 ”

→ 집단지성의 극대화 → SW 취약점 극복 전략



소프트웨어의 특징

- 비가시성
- 변경성
- 제조가 아니라 개발



Commit 단위 개발방식 장점

- 개발과정 가시화
- Line by Line 명확한 관리
참고 : code style, code convention
- 협업 용이
- 코드품질 상승
- 다수 버그 / 오류 미리차단

개발자 입장에서 본 여러가지 확장적인 효과

- Commit 단위개발을 통한 집단지성 극대화
- 집단지성을 통한 SW 기술발전 이바지
- 기업의 SW 기술적인 성장배경, 인력보강, 채용
- 개인의 기술학습, 교육, 성장배경, 취업, 이력
- NHN 엔터테인먼트, 카카오
 - Pull-Request 개발방식 도입

오픈소스 프로젝트 (Linux Kernel, GNU, tensorflow, react 등)

살펴보기 (Github / Not Github)

Not Github

- Apache (<http://git.apache.org>)
- Linux kernel (<http://git.kernel.org>)
- GNU (<http://git.savannah.gnu.org/cgit/>)
- Webkit (<git://git.webkit.org/WebKit.git>)
- ...

Github

- Node.js (<https://github.com/nodejs/node>)
- Tensorflow (<https://github.com/tensorflow/tensorflow>)
- Spring-boot (<https://github.com/spring-projects/spring-boot>)
- React (<https://github.com/facebook/react>)
- Elasticsearch (<https://github.com/elastic/elasticsearch>)
- Flask (<https://github.com/mitsuhiko/flask>)
- ...

tensorflow / tensorflow

Watch

5,192

★ Unstar

58,457

Fork

27,953

Code

Issues 1,134

Pull requests 56

Projects 0

Insights

https://github.com/tensorflow/tensorflow

Computation using data flow graphs for scalable machine learning <http://tensorflow.org>

tensorflow

machine-learning

python

deep-learning

deep-neural-networks

neural-network

ml

distributed

17,892 commits

15 branches

30 releases

852 contributors

Apache-2.0

Branch: master

New pull request

Create new file


Upload files

Find file

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maciekc committed on GitHub Merge pull request #10181 from maciekc/master ...			Latest commit a7bf76b 2 hours ago
tensorflow	Fix Rnn tests broken by move.		15 hours ago
third_party	Updated libxsmm kernels (#10112)		3 days ago
tools	Merge changes from github.		14 days ago
util/python	Remove deleted files.		20 days ago
.gitignore	Merge changes from github.		14 days ago
ACKNOWLEDGMENTS	TensorFlow: Improve performance of Alexnet		2 years ago
ADOPTERS.md	Internal file cleanup.		7 months ago
AUTHORS	Merge changes from github.		11 months ago
BUILD	Depend on protobuf's header only library when building custom ops		3 months ago
CONTRIBUTING.md	Merge changes from github.		14 days ago
ISSUE_TEMPLATE.md	Merge changes from github.		20 days ago

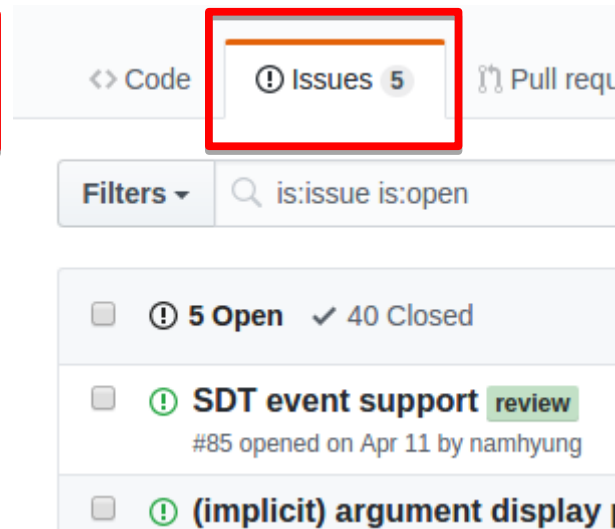
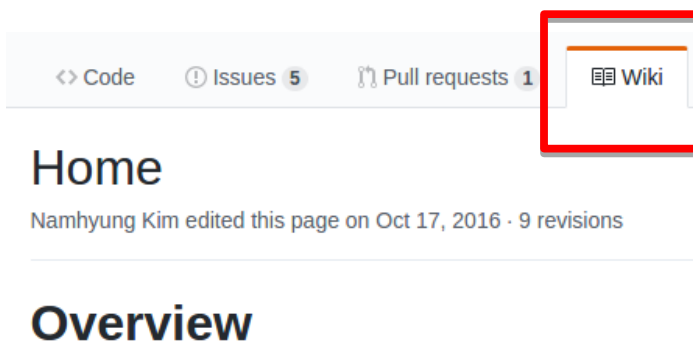
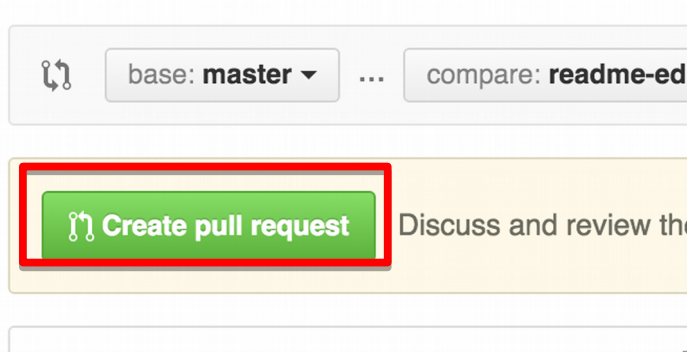
Linux Kernel 공식 git repository <https://git.kernel.org>

 Kernel.org git repositories Git repositories hosted at kernel.org				
<div>index</div> <div></div> <div>search</div>				
Name	Description	Owner	Idle	Links
<i>bluetooth</i>				
bluez-hcidump.git	Bluetooth packet analyzer	Marcel Holtmann	3 years	summary log tree
bluez.git	Bluetooth protocol stack for Linux	Marcel Holtmann	26 hours	summary log tree
obexd.git	OBEX Server	Marcel Holtmann	3 years	summary log tree
sbc.git	SBC library	holtmann	17 months	summary log tree
<i>boot</i>				
dracut/dracut.git	dracut - Initramfs generator using udev	Harald Hoyer	8 days	summary log tree
efi/linux/efi/linux.git	The efi/linux EFI boot loader	Matt Fleming	21 months	summary log tree
syslinux/syslinux.git	The Syslinux boot loader suite	Syslinux workgroup	18 months	summary log tree
<i>devel</i>				
pahole/pahole.git	Pahole and other DWARF utils	Arnaldo Carvalho de Melo	10 days	summary log tree
sparse/chris/sparse.git	Chris Li's sparse repository.	Christopher Li	5 weeks	summary log tree
sparse/sparse.git	C semantic parser	Christopher Li	13 months	summary log tree
<i>docs</i>				
kernel/kernel-docs.git	Kernel Documentation tree	Doc Group	2 years	summary log tree
kernel/ksmap.git	Kernel.org keysign map source	Kernel.org users	4 days	summary log tree
kernel/website.git	Kernel.org website source	Doc Group	13 days	summary log tree
man-pages/man-pages.git	Linux man pages Sections 2, 3, 4, 5, and 7	Michael Timothy Kerrisk	9 days	summary log tree
man-pages/website.git	Website files for /doc/man-pages	Michael Timothy Kerrisk	2 weeks	summary log tree
<i>editors</i>				
uemacs/uemacs.git	Micro-emacs	Linus Torvalds	16 months	summary log tree
<i>fs</i>				
ext2/e2fsprogs.git	Ext2/3/4 filesystem userspace utilities	Theodore T'so	3 days	summary log tree
ext2/xfstests-bld.git	Build framework and autorun scripts for xfstests	Theodore T'so	4 weeks	summary log tree
fat/fatattr/fatattr.git	FAT attribute set utility	H. Peter Anvin	7 years	summary log tree
fuse/dbfs.git	FUSE fs w/ Berkeley DB backend.	Jeff Garzik	7 years	summary log tree
fuse/fuse-ext2.git	FUSE ext2 filesystem driver.	Jeff Garzik	10 years	summary log tree
squashfs/squashfs-tools.git	squashfs tools development	Phillip Lougher	4 months	summary log tree
xfs/dmapi-dev.git	Data Management API runtime environment	Christoph Hellwig	5 years	summary log tree
xfs/xfs-documentation.git	XFS AsciiDoc Documentation tree	XFS FS Group	3 months	summary log tree

<https://git.kernel.org/cgit/linux/kernel/git/tip/tip.git/>

Github 기반 프로젝트와의 차이점

Pull-request, Wiki, issue 등



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Prepack is a partial evaluator for JavaScript. Prepack rewrites a JavaScript bundle, resulting in JavaScript code that executes more efficiently.

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★ Star


render React components to Sketch 📄 🖱️

● JavaScript ★ 7,502 🍴 281 Built by  ★ 7,497 stars this month

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★ Star

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Most Active Contributors



Felix Yan

7389 commits



Translation updater bot

1440 commits



luca suriano

1159 commits



Manfred Tournon

546 commits



Mischa ter Smitten

501 commits



Ori Livneh

501 commits

전세계 각종 오픈소스 통계 사이트 <https://www.openhub.net/>



오픈소스 커미터 개인별 통계 뷰 <https://www.openhub.net/accounts/namhyung>



Taeung Song

Taeung

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Organizations



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torvalds/linux

Linux kernel source tree

● C ★ 45.6k 🍴 17.2k

namhyung/uftrace

Function (graph) tracer for user-space

● C ★ 324 🍴 40

linux-perf

perf contribution (mirrored from [git://git.kernel.org/pub/scm/linux/kernel/git/acme/linux.git](https://git.kernel.org/pub/scm/linux/kernel/git/acme/linux.git) [perf/core](https://git.kernel.org/pub/scm/linux/kernel/git/perf/core))

● C ★ 5 🍴 10

trace-cmd

trace-cmd contribution (mirrored from [git://git.kernel.org/pub/scm/linux/kernel/git/rostedt/trace-cmd.git](https://git.kernel.org/pub/scm/linux/kernel/git/rostedt/trace-cmd.git))

● C

binutils-gdb

GNU Binutils contribution (mirrored from git://sourceware.org/git/binutils-gdb.git)

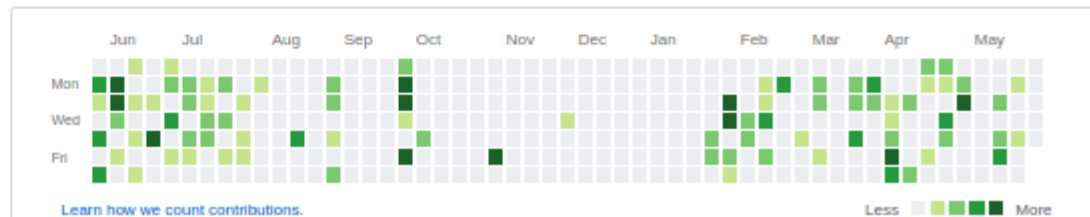
● C

elfutils

GNU elfutils contribution (mirrored from git://sourceware.org/git/elfutils.git)

● C

259 contributions in the last year



Linux Kernel 프로젝트

개발과정

Linux Kernel 공식 **perf** git repository



Kernel.org git repositories

Git repositories hosted at kernel.org

kernel/git/tip/tip.git

1 of 1



index

search

Name	Description	Owner	Idle	Links
pub/scm/bluetooth				
bluez-hcidump.git	Bluetooth packet analyzer	Marcel Holtmann	4 years	summary log tree
bluez.git	Bluetooth protocol stack for Linux	Marcel Holtmann	2 weeks	summary log tree
obexd.git	OBEX Server	Marcel Holtmann	4 years	summary log tree
sbc.git	SBC library	holtmann	3 years	summary log tree
pub/scm/boot				
...				
kernel/git/tytga/samsung-pinctrl.git	Samsung pin control driver development tree	tytga	3 years	summary log tree
kernel/git/tglx/apic.git	x86 irqdomain conversion history	Thomas Gleixner	2 years	summary log tree
kernel/git/tglx/history.git	Linux kernel history	Thomas Gleixner	12 years	summary log tree
kernel/git/tglx/rt-history.git	Linux-RT history tree	Thomas Gleixner	16 months	summary log tree
kernel/git/nihenry/reding/linux-pwm.git	Pwm subsystem tree	nihenry	2 weeks	summary log tree
kernel/git/tip/tip.git	Unnamed repository; edit this file 'description' to name the repository.	TIP group	13 hours	summary log tree
kernel/git/tiwai/alsa-driver-build-unstable.git	alsa-driver-build stub, for alsa-unstable-2.6 tree	Takashi Iwai	19 months	summary log tree
kernel/git/tiwai/alsa-driver-build.git	ALSA driver build stub	Takashi Iwai	19 months	summary log tree
kernel/git/tiwai/hda-emu.git	HD-audio emulator program	Takashi Iwai	6 months	summary log tree
kernel/git/tiwai/linux-firmware.git	Unnamed repository; edit this file 'description' to name the repository.	Takashi Iwai	4 years	summary log tree

<https://git.kernel.org/pub/scm/linux/kernel/git/tip/tip.git>

Linux Kernel 공식 Mailing List: Review, Discussion 목적

Majordomo lists at VGER.KERNEL.ORG

REMEMBER: Subscription to these lists go via <majordomo@vger.kernel.org> !

Note about archives: Listed archives are those that have been reported to vger's maintainers, or that we have found out otherwise. As things are, *list of archives is not complete.*

[alsa-devel](#), [autofs](#), [backports](#), [ceph-devel](#), [cgroups](#), [cpufreq](#), [dash](#), [dccp](#), [devicetree-compiler](#), [devicetree-spec](#), [devicetree](#), [dmaengine](#), [dwarves](#), [ecryptfs](#), [fio](#), [fstests](#), [git-commits-24](#), [git-commits-head](#), [git](#), [hail-devel](#), [initramfs](#), [irda-users](#), [kernel-janitors](#), [kernel-packagers](#), [kernel-testers](#), [keyrings](#), [kvm-commits](#), [kvm-ia64](#), [kvm-ppc](#), [kvm](#), [lartc](#), [libzbc](#), [linux-8086](#), [linux-acpi](#), [linux-admin](#), [linux-alpha](#), [linux-api](#), [linux-apps](#), [linux-arch](#), [linux-arm-msm](#), [linux-assembly](#), [linux-bbs](#), [linux-bcache](#), [linux-block](#), [linux-bluetooth](#), [linux-btrace](#), [linux-btrfs](#), [linux-c-programming](#), [linux-can](#), [linux-cifs](#), [linux-clk](#), [linux-config](#), [linux-console](#), [linux-coverity](#), [linux-crypto](#), [linux-diald](#), [linux-doc](#), [linux-edac](#), [linux-efi](#), [linux-embedded](#), [linux-ext4](#), [linux-fbdev](#), [linux-fido](#), [linux-fpga](#), [linux-fscrypt](#), [linux-fsdevel](#), [linux-fsf](#), [linux-ftp](#), [linux-gcc](#), [linux-gpio](#), [linux-hams](#), [linux-hexagon](#), [linux-hotplug](#), [linux-hwmon](#), [linux-i2c](#), [linux-ia64](#), [linux-ibcs2](#), [linux-ide](#), [linux-iiio](#), [linux-input](#), [linux-ipx](#), [linux-isdn](#), [linux-japanese](#), [linux-kbuild](#), [linux-kernel-announce](#), [linux-kernel-announce.posters](#), [linux-kernel](#), [linux-kseltest](#), [linux-laptop](#), [linux-leds](#), [linux-linuxss](#), [linux-lugnuts](#), [linux-m68k-cvscommit](#), [linux-m68k](#), [linux-man](#), [linux-mca](#), [linux-media](#), [linux-metag](#), [linux-mmc](#), [linux-modules](#), [linux-msdos-devel](#), [linux-msdos](#), [linux-new-lists](#), [linux-newbie](#), [linux-next](#), [linux-nfs](#), [linux-nilfs](#), [linux-numa](#), [linux-omap](#), [linux-opengl](#), [linux-parisc](#), [linux-pci](#), [linux-perf-users](#), [linux-pm](#), [linux-ppp](#), [linux-pwm](#), [linux-raid](#), [linux-rdma](#), [linux-remoteproc](#), [linux-renesas-soc](#), [linux-rt-users](#), [linux-rtc](#), [linux-s390](#), [linux-samsung-soc](#), [linux-scsi](#), [linux-sctp](#), [linux-security-module](#), [linux-serial](#), [linux-sh](#), [linux-smp](#), [linux-soc](#), [linux-sound](#), [linux-sparse](#), [linux-spi](#), [linux-standards](#), [linux-svgalib](#), [linux-tape](#), [linux-tegra](#), [linux-tip-commits](#), [linux-trace-users](#), [linux-unionfs](#), [linux-usb](#), [linux-userfs](#), [linux-watchdog](#), [linux-wireless](#), [linux-word](#), [linux-wpan](#), [linux-x11](#), [linux-x25](#), [linux-x86_64](#), [linux-xfs](#), [live-patching](#), [lvs-devel](#), [mm-commits](#), [netdev](#), [netfilter-devel](#), [netfilter](#), [perfbook](#), [platform-driver-x86](#), [reiserfs-devel](#), [smatch](#), [sparclinux](#), [stable-commits](#), [stable-rt](#), [stable](#), [stgt](#), [target-devel](#), [trinity](#), [ultralinux](#), [util-linux](#), [xdp-newbies](#),

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List: alsa-devel; (subscribe / unsubscribe) Info: Archives: http://www.spinics.net/lists/alsa-devel/ Footer: --- To unsubscribe from this list: send the line "unsubscribe alsa-devel" in	203

<http://vger.kernel.org/vger-lists.html>

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완전히 **Active** 하게 개발되고 있다

perf PATCH mail - taeung.dev@g...

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From	Subject	Date
Ganapatrao Kulkarni	Re: [PATCH 0/2] perf stat: fix segfault when closing events	12:14 AM
Alexei Starovoitov	Re: [PATCH net-next 1/2] perf, bpf: add support for HW_CACHE and RAW events	05/23/2017 11:38 PM
Jin, Yao	Re: [PATCH v2] perf/core: Drop kernel samples even though :u is specified	05/23/2017 09:32 PM
Mark Rutland	Re: [PATCH v2] perf/core: Drop kernel samples even though :u is specified	05/23/2017 07:58 PM
Jin Yao	[PATCH v2] perf/core: Drop kernel samples even though :u is specified	05/23/2017 07:16 PM
Mark Rutland	Re: [PATCH 0/2] perf stat: fix segfault when closing events	05/23/2017 07:04 PM
tip-bot for Dan Carpenter	[tip:perf/core] perf/core: Fix error handling in perf_event_alloc()	05/23/2017 05:41 PM
tip-bot for Dan Carpenter	[tip:perf/core] perf/core: Remove some dead code	05/23/2017 05:41 PM
tip-bot for Kan Liang	[tip:perf/core] perf/h86: Add sysfs entry to freeze counters on SMI	05/23/2017 05:40 PM
David Carrillo-Cisneros	[PATCH v2 13/13] perf tools: add feature header record to pipe-mode	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 12/13] perf tool: add show_feature_header to perf_tool	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 11/13] perf header: change FEAT_OP* macros	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 10/13] perf header: add a buffer to struct feat_fd	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 09/13] perf header: use struct feat_fd in read header records	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 08/13] perf header: use struct feat_fd to process header records	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 07/13] perf header: use struct feat_fd for print	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 06/13] perf header: add struct feat_fd for write	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 05/13] perf header: revamp do_write	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 04/13] perf util: add const modifier to buf in "written" function	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 03/13] perf header: fail on write_padded error	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 02/13] perf header: add PROCESS_STR_FUN macro	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 01/13] perf header: encapsulate read and swap	05/23/2017 04:48 PM
David Carrillo-Cisneros	[PATCH v2 00/13] perf tool: add meta-data header support for pipe-mode	05/23/2017 04:48 PM
Peter Zijlstra	Re: [PATCH net-next 1/2] perf, bpf: add support for HW_CACHE and RAW events	05/23/2017 04:42 PM
Jiri Olsa	Re: [PATCH] perf tools: Fix to put caller above callee in children mode	05/23/2017 04:30 PM

From: David Carrillo-Cisneros <davidcc@google.com>
 Subject: [PATCH v2 00/13] perf tool: add meta-data header support for pipe-mode
 To: LKML
 Cc: Peter Zijlstra <peterz@infradead.org>, Ingo Molnar <mingo@redhat.com>, Arnaldo Carvalho de Melo <acme@kernel.org>, Alexander Shishkin <alexander.shishkin@linux.intel.com>, Andi Kleen <ak@linux.intel.com>, Simon Que <sque@chromium.org>, Wang Nan <wangnan0@huawei.com>, Jiri Olsa <jolsa@kernel.org>, He Kuang <hekuang@huawei.c>

v2: - Finer patch splitting.
 type with a feature id instead of one
 e (as suggested by Jiri).
 tion.
 d version of Stephane Eranian's version
 org/patch/1499881/
 nly available when perf record
 e., generating a perf.data file.
 ode, neither host or event header
 information were gathered. This patch addresses this limitation.
 The difficulty in pipe mode is that information needs to be written
 sequentially to the pipe. Meta data headers are usually generated
 (and also expected) at the beginning of the file (or piped output).
 To solve this problem, we introduce new synthetic record types,
 one for each meta-data type. The approach is similar to what
 is ***ALREADY*** used for BUILD_ID and TRACING_DATA.
 We have modified util/header.c such that the same routines are used
 to generate and read the meta-data information regardless of pipe-mode
 vs. regular mode. To make this work, we added a new struct called

Unread: 2300 Total: 2494

PATCH(commit) mail Review 와 Discussion

From: David Carrillo-Cisneros <davidcc@google.com>
Subject: [PATCH v2 00/13] perf tool: add meta-data header support for pipe-mode
To: LKML
Cc: Peter Zijlstra <peterz@infradead.org>, Ingo Molnar <mingo@redhat.com>, Arnaldo Carvalho de Melo <acme@redhat.com>, Alexander Shishkin <alexander.shishkin@linux.intel.com>

- v2: - Finer patch splitting.
- Add only one record type with a feature id instead of one record per new feature (as suggested by Jiri).
- Add perf.data documentation.

(This is a rebased and updated version of Stephane Eranian's version in <https://patchwork.kernel.org/patch/1499081/>)

Up until now, meta-data was only available when perf record was used in "regular" mode, i.e., generating a perf.data file. For users depending on pipe mode, neither host or event header information were gathered. This patch addresses this limitation.

The difficulty in pipe mode is that information needs to be written sequentially to the pipe. Meta data headers are usually generated (and also expected) at the beginning of the file (or piped output). To solve this problem, we introduce new synthetic record types, one for each meta-data type. The approach is similar to what is ***ALREADY*** used for BUILD_ID and TRACING_DATA.

We have modified util/header.c such that the same routines are used to generate and read the meta-data information regardless of pipe-mode vs. regular mode. To make this work, we added a new struct called feat fd which encapsulates all the information necessary to read or write meta-data information to a file/pipe or from a file/pipe.

From: Namhyung Kim
Subject: Re: [PATCH 3/7] perf report: create real callchain entries for inlined frames
To: Milian Wolff <milian.wolff@kdab.com>
Cc: LKML, perf group, Arnaldo Carvalho de Melo <acme@redhat.com>, David Ahern <dahern@gmail.com>, Peter Zijlstra <peterz@infradead.org>, Yao Jin <yao.jin@linux.intel.com>, kernel-team@lge.com


On Thu, May 18, 2017 at 09:34:07PM +0200, Milian Wolff wrote:

```
+ if (strcmp(funcname, base_sym->name) == 0) {  
+     // reuse the real, existing symbol
```

I don't know whether it's required by coding style guide but please use C-style block comment if possible (especially for multiline comments).

```
+ inline_sym = base_sym;  
+ } else {  
+     // create a fake symbol for the inline frame  
+     inline_sym = symbol_new(base_sym ? base_sym->start : 0,  
+                             base_sym ? base_sym->end : 0,  
+                             base_sym ? base_sym->binding : 0,  
+                             funcname);  
+     if (inline_sym)  
+         inline_sym->inlined = 1;  
+ }  
+ free(demangled);  
+ return inline_sym;  
+}  
+static int inline_list_append_dso_a2l(struct dso *dso,  
+                                     struct inline_node *node,  
+                                     struct inline_node *node,  
+                                     struct symbol *sym)  
+{  
+    struct a2l_data *a2l = dso->a2l;  
+    char *funcname = a2l->funcname ? strdup(a2l->funcname) : NULL;  
+    char *filename = a2l->filename ? strdup(a2l->filename) : NULL;  
+    struct symbol *inline_sym = new_inline_sym(dso, sym, a2l->funcname);  
+  
+    return inline_list_append(filename, funcname, a2l->line, node, dso);  
+    return inline_list_append(inline_sym, filename, a2l->line, node);  
+}  
  
static int addr2line(const char *dso_name, u64 addr,  
                    char **file, unsigned int *line, struct dso *dso,  
                    bool unwind_inlines, struct inline_node *node)  
+ bool unwind_inlines, struct inline_node *node,  
+ struct symbol *sym)  
+{  
+    int ret = 0;  
+    struct a2l_data *a2l = dso->a2l;  
+    @@ -241,7 +264,7 @@ static int addr2line(const char *dso_name, u64 addr,  
+    if (unwind_inlines) {  
+        int cnt = 0;
```

GNU 공식 git repository <https://sourceware.org/git/>

[git://sourceware.org /](https://sourceware.org/) 

☐ re

[List all projects](#)

Project	Description	Owner	Last Change	
archer.git	Repository for Project Archer.	gdb@sourceware.org	33 hours ago	summary shortlog log tree
automake.git	git mirror of automake cvs...	jim@meyering.net	9 years ago	summary shortlog log tree
binutils-gdb.git	gdb and binutils	gdb@sourceware.org	6 hours ago	summary shortlog log tree
cluster.git	Cluster Project	cluster-devel@redhat.com	8 years ago	summary shortlog log tree
cygwin-apps/base-files.git	base-files - A set of importan...	corinna@redhat.com	8 months ago	summary shortlog log tree
cygwin-apps/calm.git	calm - Cygwin server-side...	jturney@sourceware.org	9 days ago	summary shortlog log tree
cygwin-apps/crypt.git	crypt - a library implementing...	corinna@redhat.com	11 months ago	summary shortlog log tree
cygwin-apps/csih.git	csih - Cygwin service installa...	corinna@redhat.com	4 months ago	summary shortlog log tree
cygwin-apps/cygrunsrv.git	cygrunsrv - a wrapper for...	corinna@redhat.com	2 years ago	summary shortlog log tree
cygwin-apps/cygutils.git	cygutils - Chuck Wilson's...	corinna@redhat.com	17 months ago	summary shortlog log tree
cygwin-apps/editrights.git	editrights - A helper tool...	corinna@redhat.com	2 years ago	summary shortlog log tree
cygwin-apps/genini.git	genini - Script to create...	corinna@redhat.com	23 months ago	summary shortlog log tree
cygwin-apps/htdocs.git	cygwin-apps htdocs - The cygwi...	corinna@redhat.com	37 hours ago	summary shortlog log tree
cygwin-apps/login.git	login - The unix login(1)...	corinna@redhat.com	2 years ago	summary shortlog log tree
cygwin-apps/mt.git	mt - The unix mt(1) tool with...	corinna@redhat.com	3 years ago	summary shortlog log tree
cygwin-apps/rebase.git	rebase - The rebase tool...	corinna@redhat.com	14 months ago	summary shortlog log tree
cygwin-apps/robots.git	robots - The game; Fight again...	corinna@redhat.com	4 years ago	summary shortlog log tree
cygwin-apps/run.git	run - Launch cmdline programs...	corinna@redhat.com	21 months ago	summary shortlog log tree
cygwin-apps/setup.git	setup - the official Cygwin...	corinna@redhat.com	14 hours ago	summary shortlog log tree
cygwin-apps/shutdown.git	shutdown - Shutdown, reboot...	ffes@users.sourceforge.net	3 months ago	summary shortlog log tree
cygwin-apps/windows-default-manifest.git	windows-default-manifest ...	corinna@redhat.com	2 years ago	summary shortlog log tree
cygwin-apps/xorg-doc.git	xorg-doc - Cygwin XOrg documen...	jturney@sourceware.org	3 months ago	summary shortlog log tree
cygwin-htdocs.git	cygwin htdocs - The cygwin...	corinna@redhat.com	8 days ago	summary shortlog log tree
dm.git	git mirror of device-mapper...	jim@meyering.net	8 years ago	summary shortlog log tree

<https://sourceware.org/git/?p=binutils.git>

GNU 공식 Mailing List 구독등록

Mailing lists

There are three binutils mailing lists:

bug-binutils@gnu.org ([archives](#))

For reporting bugs.

binutils@sourceware.org ([archives](#))

For discussing binutils issues.

[binutils-cvs](#) ([archives](#))

A read-only mailing list containing the notes from checkins to the binutils git repository. (This list has an odd name for historical reasons.)

You can use this form to subscribe to the binutils@sourceware.org or binutils-cvs@sourceware.org mailing lists:

Mailing list: Your e-mail address:
☐ Digest version?

To subscribe to the bug-binutils@gnu.org mailing list, see [the bug-binutils info page](#).

You may wish to browse the old mail archives of the [gas2](#) and [bfd](#) mailing lists. These were the discussion lists for binutils until May 1999. Please do not send mail to them any longer.

<https://www.gnu.org/software/binutils/>

From Cupertino Miranda <Cupertino.Miranda@synopsys.com>
Subject: [PATCH 0/8] [ARC] Several fixes for ARC linker
To: binutils@sourceware.org
Cc: Cupertino.Miranda@synopsys.com, Claudiu.Zissulescu@synopsys.com, Francois.Bedard@synopsys.com

Hi,

Please find attach a series of patches fixing several identified issues for ARC linker.

[PATCH 1/9] [ARC] Avoid creating dynamic relocs when static linked is
[PATCH 2/9] [ARC] Disable warning on absolute relocs when symbol is
[PATCH 3/9] [ARC] Reassign the symbol got information to actual

```
FAIL -> UNSUPPORTED: Run pr18718 with PIE (1)
FAIL -> UNSUPPORTED: Run pr18718 with PIE (2)
FAIL -> UNSUPPORTED: Run pr18718 with PIE (3)
FAIL -> UNSUPPORTED: Run pr18718 with PIE (4)
FAIL -> UNSUPPORTED: Run pr18718 with PIC (1)
FAIL -> UNSUPPORTED: Run pr18718 with PIC (2)
FAIL -> UNSUPPORTED: Run pr18718 with PIC (3)
FAIL -> UNSUPPORTED: Run pr18718 with PIC (4)
```

[PATCH 4/9] [ARC] Don't convert DYNAMIC@ to GLOBAL_OFFSET_TABLE
[PATCH 5/9] [ARC] ARC_PC32 dynamic reloc incorrectly generated.
[PATCH 6/9] [ARC] Add RELOC_FOR_GLOBAL_SYMBOL in ARC target code.

```
PASS -> FAIL: plugin claimfile lost symbol
PASS -> FAIL: plugin claimfile replace symbol
PASS -> FAIL: plugin claimfile resolve symbol
PASS -> FAIL: plugin claimfile lost symbol with source
PASS -> FAIL: plugin claimfile replace symbol with source
PASS -> FAIL: plugin claimfile resolve symbol with source
PASS -> FAIL: plugin 2 with source lib
PASS -> FAIL: load plugin 2 with source
PASS -> FAIL: plugin 3 with source lib
PASS -> FAIL: load plugin 3 with source
```

This is the case because after adding RELOC_FOR_GLOBAL_SYMBOL, the linker became more meticulous identifying undefined symbols. After breafly checking the logs, I noticed that our target fails to pass those tests as it aborts with a undefined symbol message. ARM for example reports the same undefined symbol, however it does not abort the linker.

[PATCH 7/9] [ARC] Fixed TLS for IE model.
[PATCH 8/9] [ARC] Fixed condition to generate TEXTREL.

```
FAIL -> UNSUPPORTED: Run pr19579
FAIL -> UNSUPPORTED: Run pr19579 (-z now)
```

[PATCH 9/9] [ARC] Corrected conditions for dynamic sections creation.

Looking forward to your review.

Cheers,
Cupertino

PATCH(commit) mail Review 와 Discussion

From Jan Beulich <JBeulich@suse.com>
Subject: Re: [PATCH] X86: Add SHL/SAL ModRM.reg == 6 alias
To: Borislav Petkov <bp@suse.de>
Cc: H.J. Lu <hjl.tools@gmail.com>, binutils@sourceware.org, Michael Matz <matz@suse.de>

| On 23.05.17 at 15:13, <bp@suse.de> wrote:

```
--- a/opcodes/i386-dis.c
+++ b/opcodes/i386-dis.c
@@ -3482,7 +3482,7 @@ static const struct dis386 reg_table[][8] = {
     { "rcrA", { Eb, I1 }, 0 },
     { "shlA", { Eb, I1 }, 0 },
     { "shrA", { Eb, I1 }, 0 },
-    { Bad_Opcode },
+    { "shlA", { Eb, I1 }, 0 },
+    { "sarA", { Eb, I1 }, 0 },
     },
```

I can certainly see why we want this (and I think I even have a similar change sitting somewhere waiting to be submitted), but ...

```
--- a/opcodes/i386-opc.tbl
+++ b/opcodes/i386-opc.tbl
```

... why does the assembler need to know? When we've added support for other aliases not so long ago, we did leave the assembler alone.

I've also added H.J. as the x86 maintainer to Cc.

Jan

Linux Kernel 프로젝트

Perf 개발과정

Kernel 소스 받기 (perf 기준)

\$ git clone git://git.kernel.org/pub/scm/linux/kernel/git/tip/tip.git

\$ vi linux/MAINTAINERS

...

9425 PERFORMANCE EVENTS SUBSYSTEM

9426 M: Peter Zijlstra <peterz@infradead.org>
9427 M: Ingo Molnar <mingo@redhat.com>
9428 M: Arnaldo Carvalho de Melo <acme@kernel.org>
9429 R: Alexander Shishkin <alexander.shishkin@linux.intel.com>
9430 L: linux-kernel@vger.kernel.org
9431 T: git git://git.kernel.org/pub/scm/linux/kernel/git/tip/tip.git perf/core
9432 S: Supported
9433 F: kernel/events/*
9434 F: include/linux/perf_event.h
9435 F: include/uapi/linux/perf_event.h
9436 F: arch/*/kernel/perf_event*.c
9437 F: arch/*/kernel/*/perf_event*.c
9438 F: arch/*/kernel/*/perf_event*.c
9439 F: arch/*/include/asm/perf_event.h
9440 F: arch/*/kernel/perf_callchain.c
9441 F: arch/*/events/*
9442 F: tools/perf/

...

Commit 만들기 예시

```
$ git commit -asm "perf tools: Add a tip to tips"
```

commit 을 PATCH 파일로 만들고 code style 검사

\$ git format-patch -1

\$ scripts/checkpatch.pl <.patch 파일명 >

Git sendmail 설정

```
$ cat ~/.gitconfig
```

```
... 생략 ...
```

```
[sendemail]
```

```
smtpserver = smtp.gmail.com
```

```
smtpserverport = 587
```

```
smtpuser = 본인메일 @gmail.com
```

```
smtpencryption = tls
```

```
... 생략 ...
```

실제 PATCH mail 전송 예시

```
$ git send-email --confirm=never \  
--to "Arnaldo Carvalho de Melo <acme@kernel.org>" \  
--cc "linux-kernel@vger.kernel.org" \  
--cc "Jiri Olsa <jolsa@kernel.org>" \  
--cc "Namhyung Kim <namhyung@kernel.org>" \  
--cc "Ingo Molnar <mingo@kernel.org>" \  
--cc "Peter Zijlstra <peterz@infradead.org>" \
```

Date Sun, 27 Mar 2016 13:16:26 +0200
From Jiri Olsa <>
Subject Re: [PATCH] perf config: Tidy up the code setting buildid dir

On Thu, Mar 24, 2016 at 04:49:33PM +0900, Taeung Song wrote:

```
> Add new perf_buildid_config() into perf_default_config,  
> bring set_buildid_dir() next to perf_default_config,  
> rename some variable name as more readable name and etc  
> in order to clean up code about buildid dir.  
>  
> Cc: Jiri Olsa <jolsa@kernel.org>  
> Cc: Namhyung Kim <namhyung@kernel.org>  
> Cc: Wang Nan <wangnan0@huawei.com>  
> Signed-off-by: Taeung Song <treeze.taeung@gmail.com>  
> ---  
> tools/perf/perf.c      | 3 +--  
> tools/perf/util/config.c | 57 ++++++-----  
> 2 files changed, 23 insertions(+), 37 deletions(-)
```

though it's failry simple change we try to **separate changes**

seems like **3 independent changes**:

- perf.c hunk change
- buildid_dir_command_config/perf_buildid_config rework
- set_buildid_dir fix

thanks,
jirka

<https://lkml.org/lkml/2016/3/27/77>

Subject **Re: [PATCH] perf config: Tidy up the code setting buildid dir**
From **Taeung Song <>**
Date **Mon, 28 Mar 2016 00:41:29 +0900**

Hi, jirka

Thank you for your review :-)

On 03/27/2016 08:16 PM, Jiri Olsa wrote:

> On Thu, Mar 24, 2016 at 04:49:33PM +0900, Taeung Song wrote:

... 생략 ...

>> tools/perf/util/config.c | 57 ++++++-----

>> 2 files changed, 23 insertions(+), 37 deletions(-)

>

> though it's failry simple change we try to separate changes

>

> seems like 3 independent changes:

>

> - perf.c hunk change

> - buildid_dir_command_config/perf_buildid_config rework

> - set_buildid_dir fix

>

You mean it is needed to separate this patch as 3 part?
I got it.

I'll resend the patchset.

Thanks,
Taeung

<https://lkml.org/lkml/2016/3/28/373>

Date Mon, 28 Mar 2016 21:52:42 +0200

From Jiri Olsa <>

Subject Re: [PATCH 1/3] perf config: Remove duplicated the code calling set_buildid_dir
share 0
share 0

On Mon, Mar 28, 2016 at 02:22:18AM +0900, Taeung Song wrote:

> Cc: Jiri Olsa <jolsa@kernel.org>

> Cc: Namhyung Kim <namhyung@kernel.org>

> Signed-off-by: Taeung Song <treeze.taeung@gmail.com>

for the patchset:

Acked-by: Jiri Olsa <jolsa@kernel.org>

thanks,
jirka

> ---

> tools/perf/perf.c | 3 +--

> 1 file changed, 1 insertion(+), 2 deletions(-)

>

... 생략 ...

[Pull requests](#) [Issues](#) [Gist](#)[torvalds](#) / [linux](#)[Watch](#)

4,576

[★ Unstar](#)

30,768

[Fork](#)

12,172

[Code](#)[Pull requests](#) 96[Pulse](#)[Graphs](#)

Linux kernel source tree

588,144 commits **1** branch **457** releases **∞** contributorsBranch: **master**[New pull request](#)[New file](#)[Upload files](#)[Find file](#)[HTTPS](#)<https://github.com/torvalds/linux>[Download ZIP](#)**torvalds** Merge tag 'asm-generic-4.6' of git://git.kernel.org/pub/scm/linux/kernel...

Latest commit 11caf57 9 hours ago

Failed to load latest commit information.

Documentation	Merge tag 'pm+acpi-4.6-rc1-2' of git://git.kernel.org/pub/scm/linux/kernel...	9 hours ago
arch	Merge tag 'asm-generic-4.6' of git://git.kernel.org/pub/scm/linux/kernel...	9 hours ago
block	Merge branch 'for-linus' of git://git.kernel.dk/linux-block	12 hours ago
certs	certs: Fix misaligned data in extra certificate list	25 days ago
crypto	Merge branch 'akpm' (patches from Andrew)	7 days ago
drivers	Merge tag 'asm-generic-4.6' of git://git.kernel.org/pub/scm/linux/kernel...	9 hours ago
firmware	WHENCE: use https://linuxtv.org for LinuxTV URLs	4 months ago



Merge tag 'for-v4.5-rc' of git://git.kernel.org/pub/scm/linux/kernel/... ...

torvalds committed 29 days ago



1ebe383



perf script: Remove duplicated code and needless script_spec__findnew() ...

Taeung committed with Arnaldo Carvalho de Melo 29 days ago



8560bae



x86/mm: Fix slow_virt_to_phys() for X86_PAE again ...

dcui committed with Thomas Gleixner 29 days ago



bf70e55



perf script: Exception handling when the print fmt is empty ...

Taeung committed with Arnaldo Carvalho de Melo 29 days ago



8579aca



Commits on Feb 25, 2016



Merge tag 'for-v4.5-rc' of [git://git.kernel.org/pub/scm/linux/kernel/...](https://git.kernel.org/pub/scm/linux/kernel/) ...

torvalds committed 29 days ago



1ebe383



perf script: Remove duplicated code and needless script_spec__findnew() ...

Taeung committed with Arnaldo Carvalho de Melo 29 days ago

script_spec_register() called two functions: script_spec__find() and script_spec__findnew(). But this way script_spec__find() gets called two times, directly and via script_spec__findnew().

So remove script_spec__findnew() and make script_spec_register() only call once script_spec__find().

Signed-off-by: Taeung Song <treeze.taeung@gmail.com>

Acked-by: Jiri Olsa <jolsa@kernel.org>

Cc: Namhyung Kim <namhyung@kernel.org>

Link: <http://lkml.kernel.org/r/1456413190-12378-1-git-send-email-treeze.taeung@gmail.com>

Signed-off-by: Arnaldo Carvalho de Melo <acme@redhat.com>



8560bae



x86/mm: Fix slow_virt_to_phys() for X86_PAE again ...

dcui committed with Thomas Gleixner 29 days ago



bf70e55



perf script: Exception handling when the print fmt is empty ...

Taeung committed with Arnaldo Carvalho de Melo 29 days ago



8579aca



Taeung committed with Arnaldo Carvalho de Melo 29 days ago

1 parent [8579aca](#)

commit [8560bae02a948876b26d1d86423cf5e0bb04a815](#)

Showing 1 changed file with 3 additions and 18 deletions.

Unified

Split

21 tools/perf/builtin-script.c

View

	@@ -1212,23 +1212,6 @@ static struct script_spec *script_spec__find(const char *spec)
1212	1212 return NULL;
1213	1213 }
1214	1214
1215	-static struct script_spec *script_spec__findnew(const char *spec,
1216	- struct scripting_ops *ops)
1217	-{
1218	- struct script_spec *s = script_spec__find(spec);
1219	-
1220	- if (s)
1221	- return s;
1222	-
1223	- s = script_spec__new(spec, ops);
1224	- if (!s)
1225	- return NULL;
1226	-
1227	- script_spec__add(s);
1228	-
1229	- return s;
1230	-}
1231	-
1232	1215 int script_spec_register(const char *spec, struct scripting_ops *ops)
1233	1216 {
1234	1217 struct script_spec *s;
	@@ -1237,9 +1220,11 @@ int script_spec_register(const char *spec, struct scripting_ops *ops)
1237	1220 if (s)
1238	1221 return -1;
1239	1222
1240	- s = script_spec__findnew(spec, ops);
	+ s = script_spec__new(spec, ops);
1241	1224 if (!s)
1242	1225 return -1;
	+ else
	+ script_spec__add(s);
1243	1228
1244	1229 return 0;
1245	1230 }

\$ git shortlog -sn --no-merges | nl | head -100

1	5931	H Hartley Sweeten
2	5900	Al Viro
3	5081	Takashi Iwai
4	5039	Mauro Carvalho Chehab
5	4011	Johannes Berg
6	3978	Mark Brown
7	3955	Tejun Heo
8	3860	David S. Miller
9	3578	Thomas Gleixner
10	3576	Greg Kroah-Hartman
...		
46	1784	Linus Torvalds
...		
82	1255	Namhyung Kim
...		
1224	81	Taeung Song
...		
17255	1	[생략]

* 참고 : 2015-2017 active 개발자 수 : 6475 명

Linux Kernel 누적 commit 수 1 등



H Hartley Sweeten
bigguiness

Unfollow

Block or report user

✉ hsweeten@visionengravers.com

Overview

Repositories 0

Stars 17

Followers 122

Following 2

Popular repositories

bigguiness doesn't have any repositories you can view.

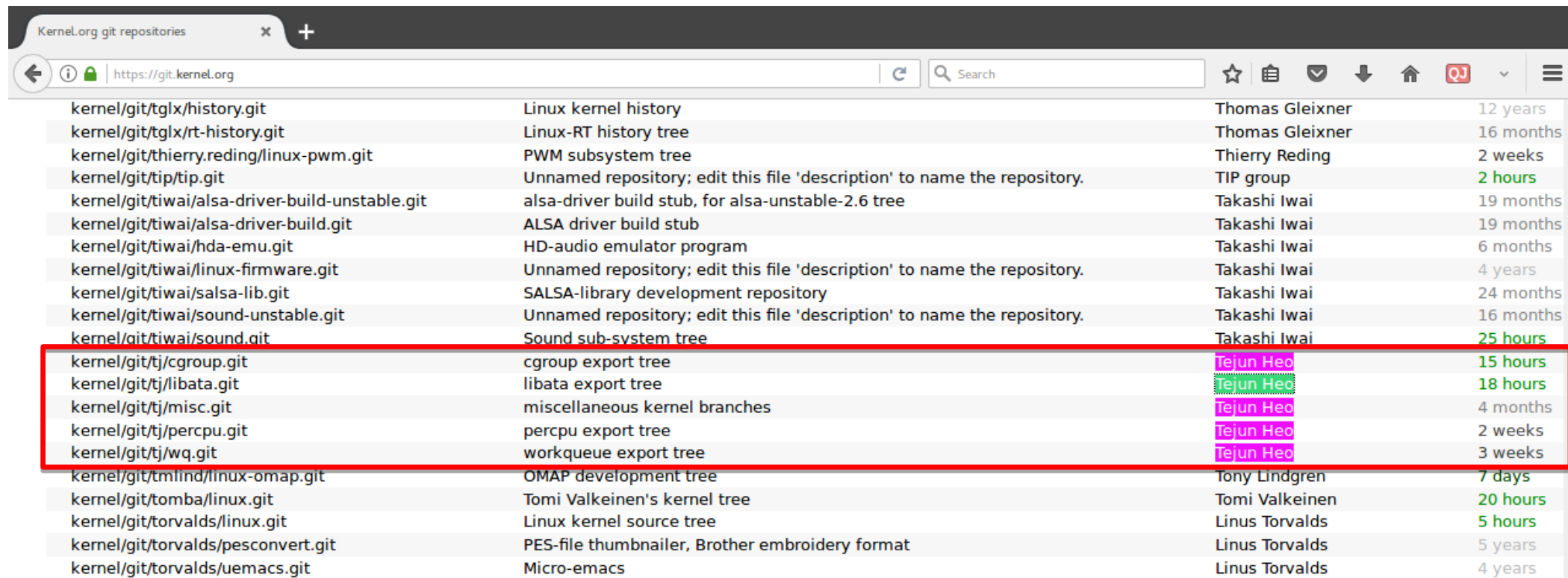
39 contributions in the last year



[Learn how we count contributions.](#)

Less More

BUT



Kernel.org git repositories

https://git.kernel.org

kernel/git/tglx/history.git	Linux kernel history	Thomas Gleixner	12 years
kernel/git/tglx/rt-history.git	Linux-RT history tree	Thomas Gleixner	16 months
kernel/git/thierry.reding/linux-pwm.git	PWM subsystem tree	Thierry Reding	2 weeks
kernel/git/tip/tip.git	Unnamed repository; edit this file 'description' to name the repository.	TIP group	2 hours
kernel/git/tiwai/alsa-driver-build-unstable.git	alsa-driver build stub, for alsa-unstable-2.6 tree	Takashi Iwai	19 months
kernel/git/tiwai/alsa-driver-build.git	ALSA driver build stub	Takashi Iwai	19 months
kernel/git/tiwai/hda-emu.git	HD-audio emulator program	Takashi Iwai	6 months
kernel/git/tiwai/linux-firmware.git	Unnamed repository; edit this file 'description' to name the repository.	Takashi Iwai	4 years
kernel/git/tiwai/salsa-lib.git	SALSA-library development repository	Takashi Iwai	24 months
kernel/git/tiwai/sound-unstable.git	Unnamed repository; edit this file 'description' to name the repository.	Takashi Iwai	16 months
kernel/git/tiwai/sound.git	Sound sub-system tree	Takashi Iwai	25 hours
kernel/git/tj/cgroup.git	cgroup export tree	Tejun Heo	15 hours
kernel/git/tj/libata.git	libata export tree	Tejun Heo	18 hours
kernel/git/tj/misc.git	miscellaneous kernel branches	Tejun Heo	4 months
kernel/git/tj/percpu.git	percpu export tree	Tejun Heo	2 weeks
kernel/git/tj/wq.git	workqueue export tree	Tejun Heo	3 weeks
kernel/git/tmlind/linux-omap.git	OMAP development tree	Tony Lindgren	7 days
kernel/git/tomba/linux.git	Tomi Valkeinen's kernel tree	Tomi Valkeinen	20 hours
kernel/git/torvalds/linux.git	Linux kernel source tree	Linus Torvalds	5 hours
kernel/git/torvalds/pesconvert.git	PES-file thumbnailer, Brother embroidery format	Linus Torvalds	5 years
kernel/git/torvalds/uemacs.git	Micro-emacs	Linus Torvalds	4 years

Github 기반 오픈소스 프로젝트 간단하게 살펴보기

(tensorflow, react, elasticsearch, node.js, spring-boot)

tensorflow / tensorflow

Watch

5,192

★ Unstar

58,457

Fork

27,953

Code

Issues 1,134

Pull requests 56

Projects 0

Insights

https://github.com/tensorflow/tensorflow

Computation using data flow graphs for scalable machine learning <http://tensorflow.org>

tensorflow

machine-learning

python

deep-learning

deep-neural-networks

neural-network

ml

distributed

17,892 commits

15 branches

30 releases

852 contributors

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

maciekc committed on GitHub Merge pull request #10181 from maciekc/master ...			Latest commit a7bf76b 2 hours ago
tensorflow	Fix Rnn tests broken by move.		15 hours ago
third_party	Updated libxsmm kernels (#10112)		3 days ago
tools	Merge changes from github.		14 days ago
util/python	Remove deleted files.		20 days ago
.gitignore	Merge changes from github.		14 days ago
ACKNOWLEDGMENTS	TensorFlow: Improve performance of Alexnet		2 years ago
ADOPTERS.md	Internal file cleanup.		7 months ago
AUTHORS	Merge changes from github.		11 months ago
BUILD	Depend on protobuf's header only library when building custom ops		3 months ago
CONTRIBUTING.md	Merge changes from github.		14 days ago
ISSUE_TEMPLATE.md	Merge changes from github.		20 days ago

 **chris-chris** Patch/170506 misspell (#9725)

4be052a 19 days ago

5 contributors



167 lines (116 sloc) | 7.28 KB

Raw

Blame

History



Contributing guidelines

How to become a contributor and submit your own code

Contributor License Agreements

We'd love to accept your patches! Before we can take them, we have to jump a couple of legal hurdles.

Please fill out either the individual or corporate Contributor License Agreement (CLA).

- If you are an individual writing original source code and you're sure you own the intellectual property, then you'll need to sign an [individual CLA](#).
- If you work for a company that wants to allow you to contribute your work, then you'll need to sign a [corporate CLA](#).

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Contributor License Agreements

Google Individual Contributor License Agreement

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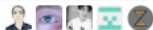
2. Grant of Copyright License. Subject to the terms and conditions of this Agreement, You hereby grant to Google and to recipients of software distributed by Google a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, sublicense, and distribute Your Contributions and such derivative works.

<https://cla.developers.google.com/about/google-individual?csw=1>

 **chris-chris** Patch/170506 misspell (#9725)

4be052a 19 days ago

5 contributors



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 tensorflow / tensorflow

Watch 5,192

★ Unstar 58,461

🍴 Fork 27,958

<> Code

🔔 Issues 1,130

🔗 Pull requests 54

📁 Projects 0

🔍 Insights

Filters

🔍 is:open label:"stat:contributions welcome"

Labels

Milestones

New issue

✕ Clear current search query, filters, and sorts

🔔 358 Open ✓ 239 Closed

Author

Labels

Projects

Milestones

Assignee

Sort

🔔 compilation errors due to missing op classes when using selective registration (cmake windows build) stat:contributions welcome 1

#10080 opened 4 days ago by adennie

🔔 Cannot build jemalloc support using CMake on Linux (fails trying to include <windows.h>) stat:contributions welcome type:build/install 5

#10071 opened 5 days ago by HFTrader

🔔 Class weighting in tf.losses.softmax_cross_entropy stat:contributions welcome type:feature 1

#10021 opened 7 days ago by w4nderlust

🔔 [feature] sparse_multiply stat:contributions welcome type:feature 1

#10003 opened 7 days ago by asiakaczmar

🔔 [feature] sparse_reduce_max and sparse_reduce_max_sparse stat:contributions welcome type:feature 3

#10002 opened 7 days ago by asiakaczmar

🔔 Convolution_transpose layer now gives an error (Tensorflow 1.0.0). stat:contributions welcome 3

<https://github.com/tensorflow/tensorflow/labels/stat%3Acontributions%20welcome>

Contribution guidelines and standards

Before sending your pull request for [review](#), make sure your changes are consistent with the guidelines and follow the TensorFlow coding style.

General guidelines and philosophy for contribution

- Include unit tests when you contribute new features, as they help to a) prove that your code works correctly, b) guard against future breaking changes to lower the maintenance cost.
- Bug fixes also generally require unit tests, because the presence of bugs usually indicates insufficient test coverage.
- Keep API compatibility in mind when you change code in core TensorFlow, e.g., code in [tensorflow/core](#) and [tensorflow/python](#). TensorFlow has reached version 1 and hence cannot make non-backward-compatible API changes without a major release. Reviewers of your pull request will comment on any API compatibility issues.
- When you contribute a new feature to TensorFlow, the maintenance burden is (by default) transferred to the TensorFlow team. This means that benefit of contribution must be compared against the cost of maintaining the feature.
- Full new features (e.g., a new op implementing a cutting-edge algorithm) typically will live in [tensorflow/contrib](#) to get some airtime before decision is made regarding whether they are to be migrated to the core.

License

Include a license at the top of new files.

- [C/C++ license example](#)
- [Python license example](#)
- [Java license example](#)
- [Go license example](#)
- [Bash license example](#)
- [HTML license example](#)
- [JavaScript/TypeScript license example](#)

Bazel BUILD files also need to include a license section, e.g., [BUILD example](#).

C++ coding style

Changes to TensorFlow C++ code should conform to [Google C++ Style Guide](#).

Google C++ Style Guide

Table of Contents

Header Files	Self-contained Headers The #define Guard Forward Declarations Inline Functions Names and Order of Includes
Scoping	Namespaces Unnamed Namespaces and Static Variables Nonmember, Static Member, and Global Functions Local Variables Static and Global Variables
Classes	Doing Work in Constructors Implicit Conversions Copyable and Movable Types Structs vs. Classes Inheritance Multiple Inheritance Interfaces Operator Overloading Access Control Declaration Order
Functions	Parameter Ordering Write Short Functions Reference Arguments Function Overloading Default Arguments Trailing Return Type Syntax
Google-Specific Magic	Ownership and Smart Pointers cpplint
Other C++ Features	Rvalue References Friends Exceptions Run-Time Type Information (RTTI) Casting Streams Preincrement and Predecrement Use of const Use of constexpr Integer Types 64-bit Portability Preprocessor Macros 0 and nullptr/NULL sizeof auto Braced Initializer List Lambda expressions Template metaprogramming Boost std::hash C++11 Nonstandard Extensions Aliases
Naming	General Naming Rules File Names Type Names Variable Names Constant Names Function Names Namespace Names Enumerator Names Macro Names Exceptions to Naming Rules
Comments	Comment Style File Comments Class Comments Function Comments Variable Comments Implementation Comments Punctuation, Spelling and Grammar TODO Comments Deprecation Comments

<https://google.github.io/styleguide/cppguide.html>

Running sanity check

If you have Docker installed on your system, you can perform a sanity check on your changes by running the command:

```
tensorflow/tools/ci_build/ci_build.sh CPU tensorflow/tools/ci_build/ci_sanity.sh
```

This will catch most license, Python coding style and BUILD file issues that may exist in your changes.

Running unit tests

There are two ways to run TensorFlow unit tests.

1. Using tools and libraries installed directly on your system.

Refer to the [CPU-only developer Dockerfile](#) and [GPU developer Dockerfile](#) for the required packages. Alternatively, use the said [Docker images](#), e.g., `tensorflow/tensorflow:nightly-devel` and `tensorflow/tensorflow:nightly-devel-gpu` for development to avoid installing the packages directly on your system.

Once you have the packages installed, you can run a specific unit test in bazel by doing as follows:

If the tests are to be run on GPU, add CUDA paths to `LD_LIBRARY_PATH` and add the `cuda` option flag

```
export LD_LIBRARY_PATH="${LD_LIBRARY_PATH}:/usr/local/cuda/lib64:/usr/local/cuda/extras/CUPTI/lib64:  
export flags="--config=opt --config=cuda -k"
```

For example, to run all tests under tensorflow/python, do:

```
bazel test ${flags} //tensorflow/python/...
```

2. Using Docker and TensorFlow's CI scripts.

See [TensorFlow Builds](#) for details.

 **skye** Update "Using TensorFlow via Docker" README to mention memory limits.

fcfb548 24 days ago

8 contributors



116 lines (79 sloc) | 4.48 KB

Raw

Blame

History



TensorFlow Builds

This directory contains all the files and setup instructions to run all the important builds and tests. **You can trivially run it yourself!** It also run continuous integration ci.tensorflow.org.

Run It Yourself

1. Install [Docker](#). Follow instructions [on the Docker site](#).

You can run all the jobs **without docker** if you are on mac or on linux and you just don't want docker. Just install all the dependencies from [Installing TensorFlow](#). Then run any of the one liners below without the `tensorflow/tools/ci_build/ci_build.sh` in them.

2. Clone tensorflow repository.

```
git clone https://github.com/tensorflow/tensorflow.git
```

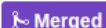
3. Go to tensorflow directory

```
cd tensorflow
```

4. Build what you want, for example

```
tensorflow/tools/ci_build/ci_build.sh CPU bazel test //tensorflow/...
```


Update mnist.py #10188



maciekcc merged 1 commit into tensorflow:master from RyanKung:patch-2 an hour ago

Conversation 6

Commits 1

Files changed 1

+7 -11



RyanKung commented 9 hours ago

Contributor +

I am reading/learning the code, Read by Refactoring. For clean and clear.



Update mnist.py ...

8e195d9



tensorflow-jenkins commented 9 hours ago

Collaborator +

Can one of the admins verify this patch?



googlebot commented 9 hours ago

+

Thanks for your pull request. It looks like this may be your first contribution to a Google open source project. Before we can look at your pull request, you'll need to sign a Contributor License Agreement (CLA).



Please visit <https://cla.developers.google.com/> to sign.

Once you've signed, please reply here (e.g. I signed it!) and we'll verify. Thanks.

- If you've already signed a CLA, it's possible we don't have your GitHub username or you're using a different email address. Check [your existing CLA data](#) and verify that your [email is set on your git commits](#).

Reviewers



maciekcc



Assignees

No one assigned

Labels

cla: yes

Projects

None yet

Milestone

No milestone

Notifications

Subscribe

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4 participants



Conversation 6

Commits 1

Files changed 1

Changes from all commits ▾ 1 file ▾ +7 -11 ■■■■■

Unified

Split

Review changes ▾

Update mnist.py

clean and clear



RyanKung committed on GitHub 9 hours ago

commit 8e195d991452af81b467192e538fe8f459d7c9c0

18 ■■■ tensorflow/contrib/learn/python/learn/datasets/mnist.py

View ▾



@@ -261,17 +261,13 @@ def fake():

261 261 train_images = train_images[validation_size:]

262 262 train_labels = train_labels[validation_size:]

263 263

264 - train = DataSet(
265 - train_images, train_labels, dtype=dtype, reshape=reshape, seed=seed)

266 - validation = DataSet(
267 - validation_images,
268 - validation_labels,
269 - dtype=dtype,
270 - reshape=reshape,
271 - seed=seed)

272 - test = DataSet(
273 - test_images, test_labels, dtype=dtype, reshape=reshape, seed=seed)

274 -

264 +
265 + options = dict(dtype=dtype, reshape=reshape, seed=seed)
266 +

267 + train = DataSet(train_images, train_labels, **options)
268 + validation = DataSet(validation_images, validation_labels, **options)
269 + test = DataSet(test_images, test_labels, **options)

270 +

275 271 return base.Datasets(train=train, validation=validation, test=test)

276 272

277 273



facebook / react

Watch

4,471

★ Star

67,492

Fork

12,523

Code

Issues 598

Pull requests 125

Projects 0

Wiki

Insights

https://github.com/facebook/react

A declarative, efficient, and flexible JavaScript library for building user interfaces. <https://facebook.github.io/react/>

8,627 commits

39 branches

61 releases

1,009 contributors

BSD-3-Clause

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



bvaughn committed on GitHub Prevent fiber from leaking into RN stack renderer (#9775) ...

Latest commit 824d22c 33 minutes ago

.github

Update JSFiddle for issue template (#9289)

2 months ago

docs

Bind handleChange Instead of Calling (#9764)

a day ago

eslint-rules

Make nodeType into constant for readability and reuse (#9113)

a month ago

fixtures

Remove invalid css from DOMFixtures (#9600)

8 days ago

flow

Show more meaningful stack trace for ReactNative errors (#9291)

2 months ago

mocks

Update tests to use plain JavaScript classes

2 months ago

packages

16.0.0-alpha.12

23 days ago

scripts

Prevent fiber from leaking into RN stack renderer (#9775)

33 minutes ago

src

Warn it only in DEV (#9772)

3 hours ago

.babelrc

Convert current build system to Rollup and adopt flat bundles (#9327)

2 months ago

.editorconfig

Add insert_final_newline to editorconfig

2 years ago

.eslintignore

Add React benchmarking infrastructure (#9465)


16 days ago

Branch: master ▾

react / CONTRIBUTING.md

Find file

Copy path

 gaaaron Move How to Contribute to documentation and update it (#7817)

c82bcef on Sep 28, 2016

15 contributors



6 lines (3 sloc) | 229 Bytes

Raw

Blame

History



Contributing to React

Want to contribute to React? There are a few things you need to know.

We wrote a [contribution guide](#) to help you get started.

QUICK START

- Installation
- Hello World
- Introducing JSX
- Rendering Elements
- Components and Props
- State and Lifecycle
- Handling Events
- Conditional Rendering
- Lists and Keys
- Forms
- Lifting State Up
- Composition vs Inheritance
- Thinking In React

ADVANCED GUIDES

- JSX In Depth
- Typechecking With PropTypes
- Refs and the DOM
- Uncontrolled Components
- Optimizing Performance
- React Without ES6
- React Without JSX
- Reconciliation
- Context
- Web Components
- Higher-Order Components
- Integrating with Other Libraries

How to Contribute

React is one of Facebook's first open source projects that is both under very active development and is also being used to ship code to everybody on facebook.com. We're still working out the kinks to make contributing to this project as easy and transparent as possible, but we're not quite there yet. Hopefully this document makes the process for contributing clear and answers some questions that you may have.

Code of Conduct

Facebook has adopted a Code of Conduct that we expect project participants to adhere to. Please read [the full text](#) so that you can understand what actions will and will not be tolerated.

Open Development

All work on React happens directly on [GitHub](#). Both core team members and external contributors send pull requests which go through the same review process.

Branch Organization

We will do our best to keep the [master branch](#) in good shape, with tests passing at all times. But in order to move fast, we will make API changes that your application might not be compatible with. We recommend that you use [the latest stable version of React](#).

If you send a pull request, please do it against the [master branch](#). We maintain stable branches for major versions separately but we don't accept pull requests to them directly. Instead, we cherry-pick non-breaking changes from master to the latest stable major version.

Semantic Versioning

React follows [semantic versioning](#). We release patch versions for bugfixes, minor versions for new features, and major versions for any breaking changes. When we make breaking changes, we also introduce deprecation warnings in a minor version so that our users learn about the upcoming changes and migrate their code in advance.

Your First Pull Request

Working on your first Pull Request? You can learn how from this free video series:

How to Contribute to an Open Source Project on GitHub

To help you get your feet wet and get you familiar with our contribution process, we have a list of [beginner friendly issues](#) that contain bugs which are fairly easy to fix. This is a great place to get started.

If you decide to fix an issue, please be sure to check the comment thread in case somebody is already working on a fix. If nobody is working on it at the moment, please leave a comment stating that you intend to work on it so other people don't accidentally duplicate your effort.

If somebody claims an issue but doesn't follow up for more than two weeks, it's fine to take over it but you should still leave a comment.

Sending a Pull Request

The core team is monitoring for pull requests. We will review your pull request and either merge it, request changes to it, or close it with an explanation. For API changes we may need to fix our internal uses at Facebook.com, which could cause some delay. We'll do our best to provide updates and feedback throughout the process.

Before submitting a pull request, please make sure the following is done:

1. Fork [the repository](#) and create your branch from `master`.
2. If you've added code that should be tested, add tests!
3. If you've changed APIs, update the documentation.
4. Ensure the test suite passes (`npm test`).
5. Make sure your code lints (`npm run lint`).
6. Format your code with [prettier](#) (`npm run prettier`).
7. Run the [Flow](#) typechecks (`npm run flow`).
8. If you added or removed any tests, run `./scripts/fiber/record-tests` before submitting the pull request, and commit the resulting changes.
9. If you haven't already, complete the CLA.

✕ Clear current search query, filters, and sorts

! 12 Open ✓ 176 Closed

Author ▾

Labels ▾

Projects ▾

Milestones ▾

Assignee ▾

Sort ▾

- ! Throw a warning when value is provided to a checkbox input

Difficulty: beginner

#9446 opened on Apr 17 by srph

7
- ! improving doc

Component: Documentation & Website

Difficulty: beginner

#9317 opened on Apr 2 by giorgim

8
- ! Make sure that jest tests fail if an error is thrown within a jsdom event handler

Difficulty: beginner

#8260 opened on Nov 11, 2016 by spicyj

7
- ! [New Docs] Wanted Guides

Component: Documentation & Website

Difficulty: beginner

#8060 opened on Oct 23, 2016 by gaearon

1 of 13

49
- ! how remove debug info from react.min.js file when publish project

Difficulty: beginner

#7990 opened on Oct 17, 2016 by uxitten

12
- ! Should React warn when controlled <select> components have duplicate values?

Difficulty: beginner

Type: Enhancement

#6959 opened on Jun 4, 2016 by jbinto

14

Contributor License Agreement (CLA)

In order to accept your pull request, we need you to submit a CLA. You only need to do this once, so if you've done this for another Facebook open source project, you're good to go. If you are submitting a pull request for the first time, just let us know that you have completed the CLA and we can cross-check with your GitHub username.

Complete your [CLA here](#).

Contribution Prerequisites

- You have `node` installed at v4.0.0+ and `npm` at v2.0.0+.
- You have `gcc` installed or are comfortable installing a compiler if needed. Some of our `npm` dependencies may require a compilation step. On OS X, the Xcode Command Line Tools will cover this. On Ubuntu, `apt-get install build-essential` will install the required packages. Similar commands should work on other Linux distros. Windows will require some additional steps, see the [node-gyp installation instructions](#) for details.
- You are familiar with `npm` and know whether or not you need to use `sudo` when installing packages globally.
- You are familiar with `git`.

Development Workflow

After cloning React, run `npm install` to fetch its dependencies. Then, you can run several commands:

- `npm run lint` checks the code style.
- `npm test` runs the complete test suite.
- `npm test -- --watch` runs an interactive test watcher.
- `npm test <pattern>` runs tests with matching filenames.
- `npm run flow` runs the [Flow](#) typechecks.
- `npm run build` creates a `build` folder with all the packages.

Contributing to Facebook Projects

We welcome you to follow, fork, and work on, our open source projects. If you want to contribute back to our repositories, we need to ask you to complete the Contributor License Agreement (CLA) below. If you will be contributing on behalf of your employer, you will need to complete the corporate CLA for your company.

This agreement clarifies the ability for us to incorporate your contributions. You only need to complete this form once, and you'll then be able to contribute to any of our projects.

GitHub Username *

Name *

Email *

Secondary Email

Country

Select a Country ▼

Facebook, Inc. Individual Contributor License Agreement ("Agreement"), v1.0

You accept and agree to the following terms and conditions for Your present and future Contributions submitted to Facebook, Inc. ("Facebook"). Except for the license granted herein to Facebook and recipients of software distributed by Facebook, You reserve all right, title, and interest in and to Your Contributions.

1. Definitions.

"You" (or "Your") shall mean the copyright owner or legal entity authorized by the copyright owner that is making this Agreement with Facebook. For legal entities, the entity making a Contribution and all other entities that control, are controlled by, or are under common control with that entity are considered to be a single Contributor. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

Style Guide

Our linter will catch most styling issues that may exist in your code. You can check the status of your code styling by simply running `npm run lint`.

However, there are still some styles that the linter cannot pick up. If you are unsure about something, looking at [Airbnb's Style Guide](#) will guide you in the right direction.

Code Conventions

- Use semicolons `;`
- Commas last `,`
- 2 spaces for indentation (no tabs)
- Prefer `'` over `"`
- `'use strict';`
- 120 character line length (**except documentation**)
- Write "attractive" code
- Do not use the optional parameters of `setTimeout` and `setInterval`

Introductory Video

You may be interested in watching [this short video](#) (26 mins) which gives an introduction on how to contribute to React.

Meeting Notes

React team meets once a week to discuss the development of React, future plans, and priorities. You can find the meeting notes in a [dedicated repository](#).

License

By contributing to React, you agree that your contributions will be licensed under its BSD license.

What Next?

Read the [next section](#) to learn how the codebase is organized.

ReactLink still using React.PropTypes. #9755

New issue

Open

Irojas94 opened this issue 2 days ago · 1 comment



Irojas94 commented 2 days ago • edited

**Do you want to request a *feature* or report a *bug*?**BUG**What is the current behavior?**React is using React.PropTypes even though it states it's going to be deprecated.**If the current behavior is a bug, please provide the steps to reproduce and if possible a minimal demo of the problem via <https://jsfiddle.net> or similar (template: <https://jsfiddle.net/84v837e9/>).**
<https://github.com/facebook/react/blob/15-stable/src/addons/link/ReactLink.js#L62>**What is the expected behavior?**Should use PropTypes from the `prop-types` package.**Which versions of React, and which browser / OS are affected by this issue? Did this work in previous versions of React?**

15.5.4



flarnie self-assigned this 2 days ago

flarnie added this to the **15.6** milestone 2 days ago

Assignees



flarnie

Labels

None yet

Projects

None yet

Milestone



15.6

Notifications

Subscribe

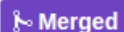
You're not receiving notifications from this thread.

2 participants



Remove stray reference to React.PropTypes in ReactLink

#9757



Merged

flarnie merged 1 commit into facebook:15.6-dev from flarnie:removeReferenceToReactPropTypesInReactLink 2 days ago

💬 Conversation 2

🔗 Commits 1

📄 Files changed 1

+4 -3



flarnie commented 2 days ago

Contributor

**what is the change?:**It looks like we missed updating this callsite in [12a96b9](#)**why make this change?:**We are deprecating the `React.PropTypes` syntax and splitting that functionality into [a separate module](#).

@acdilit please correct me if there is a reason we left this here.

test plan:

yarn test

issue:fixes [#9755](#)

Reviewers



spicyj



gaaaron



acdilit



Assignees

No one assigned

Labels

CLA Signed

Projects

None yet



Remove stray reference to React.PropTypes in ReactLink ...



959c84d

Changes from all commits 1 file +4 -3

Unified Split

Review changes

Remove stray reference to React.PropTypes in ReactLink

what is the change?:

It looks like we missed updating this callsite in [12a96b9](#)

why make this change?:

We are deprecating the `React.PropTypes` syntax and splitting that functionality into [a separate module]([12a96b9](#)).

[@acdlite](#) please correct me if there is a reason we left this here.

test plan:

`yarn test`

issue:

[#9755](#)



flarnie committed 2 days ago

commit 959c84df0a7a5b34847b786a81cd9e7eb5661221

7 src/addons/link/ReactLink.js

View

```

34 34 * consumption of ReactLink easier; see LinkedValueUtils and LinkedStateMixin.
35 35 */
36 36
37 +var PropTypes = require('prop-types');
38 -var React = require('React');
39
39 40 /**
40 41
41 42 function ReactLink(value, requestChange) {
43 43
44 44 function createLinkTypeChecker(linkType) {
45 45
46 46 var shapes = {
47 47 value: linkType === undefined
48 48
49 49 - ? React.PropTypes.any.isRequired
50 50 + ? PropTypes.any.isRequired
51 51 : linkType.isRequired,
52 52 - requestChange: React.PropTypes.func.isRequired,
53 53 + requestChange: PropTypes.func.isRequired,
54 54
55 55 };
56 56 - return React.PropTypes.shape(shapes);
57 57 + return PropTypes.shape(shapes);
58 58 }
59 59
60 60 ReactLink.PropTypes = {

```

elastic / elasticsearch

Watch

1,954

★ Star

22,858

Fork

8,029

<> Code

Issues 1,186

Pull requests 159

Projects 1

Insights

Open Source, Distributed, RESTful Search Engine <https://www.elastic.co/products/elast...>

elasticsearch

java

search-engine

27,618 commits

97 branches

178 releases

837 contributors

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download

talevy committed on **GitHub** add docs example for Ingest scripts manipulating document metadata (#... [...](#)) Latest commit dfe2eca 3 hours ago

📁 .github	Rewrote the github issue template to be shorter and more likely to be...	21 days ago
📁 benchmarks	Limit AllocationService dependency injection hack (#24479)	20 days ago
📁 buildSrc	Add magic \$_path stash key to docs tests (#24724)	2 days ago
📁 client	Deleting a document from a non-existing index creates the should not ...	3 days ago
📁 core	Fix error message if an incompatible node connects (#24884)	5 hours ago
📁 dev-tools	Remove Deprecated Script Settings (#24756)	7 days ago
📁 distribution	Add BWC packaging distributions	a day ago
📁 docs	add docs example for Ingest scripts manipulating document metadata (#...	3 hours ago
📁 modules	Scripting: Make ScriptEngine.compile generic on the script context (#...	15 hours ago
📁 plugins	Scripting: Make ScriptEngine.compile generic on the script context (#...	15 hours ago
📁 qa	Scripting: Simplify ScriptContext (#24818)	3 days ago

Branch: master ▾

[elasticsearch](#) / CONTRIBUTING.md

Find file

Copy path



imotov Document work-around for jar hell in idea_rt.jar file (#24523)

7e437f2 17 days ago

20 contributors



175 lines (123 sloc) | 9.96 KB

Raw

Blame

History



Contributing to elasticsearch

Elasticsearch is an open source project and we love to receive contributions from our community — you! There are many ways to contribute, from writing tutorials or blog posts, improving the documentation, submitting bug reports and feature requests or writing code which can be incorporated into Elasticsearch itself.

Bug reports

If you think you have found a bug in Elasticsearch, first make sure that you are testing against the [latest version of Elasticsearch](#) - your issue may already have been fixed. If not, search our [issues list](#) on GitHub in case a similar issue has already been opened.

It is very helpful if you can prepare a reproduction of the bug. In other words, provide a small test case which we can run to confirm your bug. It makes it easier to find the problem and to fix it. Test cases should be provided as `curl` commands which we can copy and paste into a terminal to run it locally, for example:

```
# delete the index
curl -XDELETE localhost:9200/test

# insert a document
curl -XPUT localhost:9200/test/test/1 -d '{
  "title": "test document"
}'

# this should return XXXX but instead returns YYY
curl ....
```

Contributing code and documentation changes

If you have a bugfix or new feature that you would like to contribute to Elasticsearch, please find or open an issue about it first. Talk about what you would like to do. It may be that somebody is already working on it, or that there are particular issues that you should know about before implementing the change.

We enjoy working with contributors to get their code accepted. There are many approaches to fixing a problem and it is important to find the best approach before writing too much code.

The process for contributing to any of the [Elastic repositories](#) is similar. Details for individual projects can be found below.

Fork and clone the repository

You will need to fork the main Elasticsearch code or documentation repository and clone it to your local machine. See [github help page](#) for help.

Further instructions for specific projects are given below.

Submitting your changes

Once your changes and tests are ready to submit for review:

1. Test your changes

Run the test suite to make sure that nothing is broken. See the [TESTING](#) file for help running tests.

2. Sign the Contributor License Agreement

Please make sure you have signed our [Contributor License Agreement](#). We are not asking you to assign copyright to us, but to give us the right to distribute your code without restriction. We ask this of all contributors in order to assure our users of the origin and continuing existence of the code. You only need to sign the CLA once.

3. Rebase your changes

Update your local repository with the most recent code from the main Elasticsearch repository, and rebase your branch on top of the latest master branch. We prefer your initial changes to be squashed into a single commit. Later, if we ask you to make changes, add them as separate commits. This makes them easier to review. As a final step before merging we will either ask you to squash all commits yourself or we'll do it for you.

4. Submit a pull request

Push your local changes to your forked copy of the repository and [submit a pull request](#). In the pull request, choose a title which sums up the changes that you have made, and in the body provide more details about what your changes do. Also mention the number of the issue where discussion has taken place, eg "Closes #123".

At Elastic, we are passionate about our products, its users, and the community. You are important to us, so we feel it is only right to ensure we have the agreement of our contributors to use their work, whether it be code or documentation.

Therefore, we are asking all contributors to sign a contributor license agreement (CLA). CLAs are generally common and accepted in most Open Source software projects. We all wish for Elasticsearch to be used and distributed as widely as possible, and for its users to be confident about the origins and continuing existence of the code. The CLA help us achieve that goal.

The CLA is a license agreement, which enables Elastic to distribute your code without restriction. It doesn't require you to assign to us any copyright you have, the ownership of which remains in full with you. You cannot withdraw permission for its use at a later date.

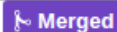
The next step is for you to select the appropriate agreement below, read the terms, and once comfortable, complete the electronic signature. After this, you will receive a copy of the agreement by email, and we can start to use your valued contribution within the different Elasticsearch projects.

Please select the appropriate description that reflects why you are signing up:

- ☐ **An individual contributor**
- ☐ **An individual contributing under an existing company contributor agreement**
- ☐ **A company wanting its employees to contribute**

[Sign Agreement](#)

Remove AlreadyExpiredException #24857



ywelsch merged 1 commit into elastic:master from ywelsch:enhance/remove-alreadyexpiredexception a day ago

Conversation 1

Commits 1

Files changed 5

+35 -194



ywelsch commented a day ago • edited

Contributor



This is a relict from the TTL functionality that has been removed.

Relates to #21670

Reviewers

bleskes



s1monw



Assignees

No one assigned

Labels

Internal

non-issue

v6.0.0

Projects

None yet

Milestone

No milestone



Remove AlreadyExpiredException

✓ 9087ad5



ywelsch added **Internal** non-issue v6.0.0 labels a day ago



ywelsch requested a review from s1monw a day ago



bleskes approved these changes a day ago

[View changes](#)



ywelsch merged commit b5adb3c into elastic:master a day ago

[View details](#)

2 checks passed

Remove 2.x backward compatibility of mappings. #21670

Merged jpountz merged 1 commit into elastic:master from jpountz:remove_mapping_bwc on Nov 30, 2016

Conversation 5

Commits 1

Files changed 279

+466 -24,538



jpountz commented on Nov 19, 2016

Contributor



For the record, I also had to remove the geo-hash cell and geo-distance range queries to make the code compile. These queries already throw an exception in all cases with 5.x indices, so that does not hurt any more.

I also had to rename all 2.x bwc indices from `index-${version}` to `unsupported-${version}` to make `oldIndexBackwardCompatibilityIT` happy.



jpountz added **:Mapping** **non-issue** **v6.0.0** labels on Nov 19, 2016



jpountz commented on Nov 23, 2016

Contributor



@elasticmachine retest this please

Reviewers

No reviews

Assignees

s1monw

Labels

:Mapping

non-issue

v6.0.0-alpha1

Projects

None yet

Conversation 1

Commits 1

Files changed 5

Changes from all commits 5 files +35 -194

Unified

Split

Review changes

3 core/src/main/java/org/elasticsearch/ElasticsearchException.java

View

```
@@ -877,8 +877,7 @@ public String toString() {
    org.elasticsearch.transport.ReceiveTimeoutTransportException::new, 83, UNKNOWN_VERSION_ADDED),
    NODE_DISCONNECTED_EXCEPTION(org.elasticsearch.transport.NodeDisconnectedException.class,
    org.elasticsearch.transport.NodeDisconnectedException::new, 84, UNKNOWN_VERSION_ADDED),
-   ALREADY_EXPIRED_EXCEPTION(org.elasticsearch.index.AlreadyExpiredException.class,
-   org.elasticsearch.index.AlreadyExpiredException::new, 85, UNKNOWN_VERSION_ADDED),
+   // 85 used to be for AlreadyExpiredException
    AGGREGATION_EXECUTION_EXCEPTION(org.elasticsearch.search.aggregations.AggregationExecutionException.class,
    org.elasticsearch.search.aggregations.AggregationExecutionException::new, 86, UNKNOWN_VERSION_ADDED),
    // 87 used to be for MergeMappingException
```

91 core/src/main/java/org/elasticsearch/index/AlreadyExpiredException.java

View

```
... .. @@ -1,91 +0,0 @@
1  -/*
2  - * Licensed to Elasticsearch under one or more contributor
3  - * license agreements. See the NOTICE file distributed with
4  - * this work for additional information regarding copyright
5  - * ownership. Elasticsearch licenses this file to you under
6  - * the Apache License, Version 2.0 (the "License"); you may
7  - * not use this file except in compliance with the License.
8  - * You may obtain a copy of the License at
9  - *
10 - * http://www.apache.org/licenses/LICENSE-2.0
11 - *
12 - * Unless required by applicable law or agreed to in writing,
13 - * software distributed under the License is distributed on an
14 - * "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
15 - * KIND, either express or implied. See the License for the
16 - * specific language governing permissions and limitations
17 - * under the License.
18 - */
19 -
20 -package org.elasticsearch.index;
```

nodejs / node

Watch

2,205

Unstar

35,245

Fork

6,772

Code

Issues 737

Pull requests 309

Projects 5

Wiki

Insights

Node.js JavaScript runtime     <https://nodejs.org>

nodejs

javascript

node

js

runtime

mit

linux

macos

windows

17,578 commits

126 branches

426 releases

1,363 contributors

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



TimothyGu url: expose WHATWG url.origin as ASCII ...

Latest commit 413691f 5 days ago

.github

doc: fix commit guideline url

20 days ago

benchmark

stream: improve readable push performance

2 days ago

deps

deps: backport 6d38f89d from upstream V8

2 hours ago

doc

src: allow --tls-cipher-list in NODE_OPTIONS

2 hours ago

lib

url: expose WHATWG url.origin as ASCII

24 minutes ago

src

src: add linux getauxval(AT_SECURE) in SafeGetenv

an hour ago

test

url: expose WHATWG url.origin as ASCII

24 minutes ago

tools

tools: update test-npm.sh paths

2 days ago

.editorconfig

tools: disallow trailing whitespace for markdown

6 months ago

.eslintignore

doc: add eslint-plugin-markdown

a month ago

.eslintrc.yaml

tools: relax lint rule for regexps

20 days ago

.gitattributes

src: limit .gitattributes eol to vcbuild.bat

2 years ago

.gitignore

tools: ignore node_trace.*.log


24 days ago

Branch: master

node / CONTRIBUTING.md

Find file

Copy path

 kysnm doc: Change options at STEP 5 in CONTRIBUTING.md

d7d16f7 14 days ago

45 contributors



346 lines (250 sloc) | 11.3 KB

Raw

Blame

History



Contributing to Node.js

Code of Conduct

Please read the [Code of Conduct](#) which explains the minimum behavior expectations for Node.js contributors.

Issue Contributions

When opening issues or commenting on existing issues, please make sure discussions are related to concrete technical issues with Node.js.

- For general help using Node.js, please file an issue at the [Node.js help repository](#).
- Discussion of non-technical topics (such as intellectual property and trademark) should use the [Technical Steering Committee \(TSC\) repository](#).

Code Contributions

This section will guide you through the contribution process.

Step 1: Fork

Fork the project [on GitHub](#) and clone your fork locally.

```
$ git clone git@github.com:username/node.git
```

stream: remove dup property #13216

Merged calvinmetcalf merged 1 commit into nodejs:master from calvinmetcalf:stream-final-dup-prop 7 hours ago

💬 Conversation 9

🔗 Commits 1

📄 Files changed 1

+0 -3



calvinmetcalf commented 7 hours ago

Member



looks like [#12828](#) accidentally got a double property definition, as mentioned [here](#), this removes that



nodejs-github-bot added the **stream** label 7 hours ago



✓ lpinca approved these changes 7 hours ago

View changes



✓ cjihrig approved these changes 7 hours ago

View changes



calvinmetcalf commented 7 hours ago

Member



considering how trivial this is I'll plan on landing this in the next hour or 2 unless anyone objects

👍 1

Reviewers

addaleax



lpinca



cjihrig



Assignees

No one assigned

Labels

stream

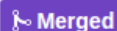
Projects

None yet

Milestone

No milestone

stream: remove dup property #13216



Merged

calvinmetcalf merged 1 commit into [nodejs:master](#) from [calvinmetcalf:stream-final-dup-prop](#) 7 hours ago



Conversation 9



Commits 1



Files changed 1

Changes from all commits ▾ 1 file ▾ +0 -3 ■■■■

Unified

Split

Review changes ▾

stream: remove dup property

PR-URL: [#13216](#)

Reviewed-By: Colin Ihrig <cjihrig@gmail.com>

Reviewed-By: Luigi Pinca <luigipinca@gmail.com>

Reviewed-By: Anna Henningsen <anna@addaleax.net>



calvinmetcalf committed 8 hours ago

Verified

commit 155687cb7ee23d7777d1072c4c2956564bff8ac4

3 ■■■■ lib/_stream_writable.js

View

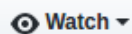


@@ -61,9 +61,6 @@ function WritableState(options, stream) {

```
61 61 // if _final has been called
62 62   this.finalCalled = false;
63 63
64 - // if _final has been called
65 -   this.finalCalled = false;
66 -
67 64 // drain event flag.
68 65   this.needDrain = false;
69 66 // at the start of calling end()
```



spring-projects / spring-boot



1,574



12,841



11,529

<> Code

Issues 523

Pull requests 50

Wiki

Insights

Spring Boot <http://projects.spring.io/spring-boot>

12,161 commits

12 branches

76 releases

344 contributors

Apache-2.0

Branch: master

New pull request

Create new file

Upload files

Find file

Clone or download



mbhave Replace usages of EnvironmentTestUtils

Latest commit d745b69 2 days ago

.github	Merge branch '1.3.x'	10 months ago
.mvn	Upgrade to Apache Maven 3.5.0	a month ago
eclipse	Introduce spring-boot-autoconfigure-processor	4 months ago
spring-boot-actuator-docs	Polish "Use try-with-resources to close resources automatically"	2 days ago
spring-boot-actuator	Replace usages of EnvironmentTestUtils	20 hours ago
spring-boot-autoconfigure	Replace usages of EnvironmentTestUtils	20 hours ago
spring-boot-cli	Polish "Use try-with-resources to close resources automatically"	2 days ago
spring-boot-dependencies	Upgrade to Sqlite Jdbc 3.18.0	a day ago
spring-boot-deployment-tests	Revert "Work around https://issues.jboss.org/browse/WFLY-8515 "	2 months ago

Branch: master

spring-boot / CONTRIBUTING.adoc

Find file

Copy path

 **snicoll** Document 'fast' profile in contributing documentation

1d9520b on Mar 3

12 contributors



Executable File | 229 lines (161 sloc) | 9.2 KB

Raw

Blame

History



Contributing to Spring Boot

Spring Boot is released under the Apache 2.0 license. If you would like to contribute something, or simply want to hack on the code this document should help you get started.

Code of Conduct

This project adheres to the Contributor Covenant [code of conduct](#). By participating, you are expected to uphold this code. Please report unacceptable behavior to spring-code-of-conduct@pivotal.io.

Using GitHub issues

We use GitHub issues to track bugs and enhancements. If you have a general usage question please ask on [Stack Overflow](#). The Spring Boot team and the broader community monitor the [spring-boot](#) tag.

If you are reporting a bug, please help to speed up problem diagnosis by providing as much information as possible. Ideally, that would include a small [sample project](#) that reproduces the problem.

Sign the Contributor License Agreement

Before we accept a non-trivial patch or pull request we will need you to [sign the Contributor License Agreement](#). Signing the contributor's agreement does not grant anyone commit rights to the main repository, but it does mean that we can accept your contributions, and you will get an author credit if we do. Active contributors might be asked to join the core team, and given the ability to merge pull requests.



Authorize Pivotal CLA



Pivotal CLA by [pivotal-issuemaster](#)
wants to access your **Taeung** account



Personal user data
Email addresses (read-only)



Authorizing will redirect to
<https://cla.pivotal.io>

Authorize pivotal-issuemaster

⌚ Not owned or
operated by GitHub

🕒 Created 2 years ago

👤 More than 1K
GitHub users

[Learn more about OAuth](#)

Code Conventions and Housekeeping

None of these is essential for a pull request, but they will all help. They can also be added after the original pull request but before a merge.

- Use the Spring Framework code format conventions. If you use Eclipse and you follow the 'Importing into eclipse' instructions below you should get project specific formatting automatically. You can also import formatter settings using the `eclipse-code-formatter.xml` file from the `eclipse` folder. If using IntelliJ IDEA, you can use the [Eclipse Code Formatter Plugin](#) to import the same file.
- Make sure all new `.java` files to have a simple Javadoc class comment with at least an `@author` tag identifying you, and preferably at least a paragraph on what the class is for.
- Add the ASF license header comment to all new `.java` files (copy from existing files in the project)
- Add yourself as an `@author` to the `.java` files that you modify substantially (more than cosmetic changes).
- Add some Javadocs.
- A few unit tests would help a lot as well — someone has to do it.
- If no-one else is using your branch, please rebase it against the current master (or other target branch in the main project).
- When writing a commit message please follow [these conventions](#), if you are fixing an existing issue please add `Fixes gh-XXXX` at the end of the commit message (where `XXXX` is the issue number).

Working with the code

If you don't have an IDE preference we would recommend that you use [Spring Tools Suite](#) or [Eclipse](#) when working with the code. We use the [M2Eclipse](#) eclipse plugin for maven support. Other IDEs and tools should also work without issue.

Building from source

To build the source you will need to install [Apache Maven](#) v3.2.3 or above and JDK 1.8.

Default build

The project can be built from the root directory using the standard maven command:

```
$ ./mvnw clean install
```

Note

You may need to increase the amount of memory available to Maven by setting a `MAVEN_OPTS` environment variable with the value `-Xmx512m`

If you are rebuilding often, you might also want to skip the tests and the execution of checkstyle until you are ready to submit a pull request:

```
$ ./mvnw clean install -DskipTests -Pfast
```

Full Build

Multi-module Maven builds cannot directly include maven plugins that are part of the reactor unless they have previously been built. Unfortunately this restriction causes some compilations for Spring Boot as we include a maven plugin and use it within the samples. The standard build works around this restriction by launching the samples via the `maven-invoker-plugin` so that they are not part of the reactor. This works fine most of the time, however, sometimes it's useful to run a build that includes all modules (for example when using `maven-versions-plugin`). We use the full build on our CI servers and during the release process.

When filter init throw exception, embedded tomcat started success, but all request return 404 #9094

[New Issue](#)

🔒 Closed

hengyunabc opened this issue 21 days ago · 1 comment



hengyunabc commented 21 days ago

Contributor



version: 1.4.x

Add a Filter:

```
@Bean
FilterRegistrationBean testFilter() {
    FilterRegistrationBean filterRegistrationBean = new FilterRegistrationBean(
        filterRegistrationBean.setFilter(new Filter() {
            @Override
            public void init(FilterConfig filterConfig) throws ServletException
                throw new ServletException();
        })

    @Override
    public void doFilter(ServletRequest request, ServletResponse respor
        throws IOException, ServletException {

    @Override
    public void destroy() {

    });
    filterRegistrationBean.setUrlPatterns(Arrays.asList("/test"));
    return filterRegistrationBean;
}
```

Assignees

No one assigned

Labels

status: duplicate

Projects

None yet

Milestone

No milestone

Notifications

Subscribe

You're not receiving notifications from this thread.

3 participants



Tomcat print error log:



```
~[classes/:na]
j.initFilter(ApplicationFilterConfig.java:279) ~[tomcat-embed-core-8.5.6.jar:8.5.6]
j.<init>(ApplicationFilterConfig.java:109) ~[tomcat-embed-core-8.5.6.jar:8.5.6]
start(StandardContext.java:4572) [tomcat-embed-core-8.5.6.jar:8.5.6]
internal(StandardContext.java:5215) [tomcat-embed-core-8.5.6.jar:8.5.6]
recycleBase.java:150) [tomcat-embed-core-8.5.6.jar:8.5.6]
d.call(ContainerBase.java:1403) [tomcat-embed-core-8.5.6.jar:8.5.6]
d.call(ContainerBase.java:1393) [tomcat-embed-core-8.5.6.jar:8.5.6]
ava:266) [na:1.8.0_112]
er(ThreadPoolExecutor.java:1142) [na:1.8.0_112]
un(ThreadPoolExecutor.java:617) [na:1.8.0_112]
.112]



o.apache.catalina.core.StandardContext : One or more Filters failed to start. Full details v
o.apache.catalina.core.StandardContext : Context [] startup failed due to previous errors
```


But spring boot started success:

```
20:29:24.521 INFO 27483 --- [          main] s.b.c.e.t.TomcatEmbeddedServletContainer : To
20:29:24.531 INFO 27483 --- [          main] com.test.Application : Started Applic
```

All http request will return 404.

  **spring-issuemaster** added the **status: waiting-for-triage** label 21 days ago

  **hengyunabc** added a commit to hengyunabc/spring-boot that referenced this issue 21 days ago

  **fix #9094** throw exception, when tomcat context state not 0e0e56a
STARTED.



philwebb commented 8 days ago

Owner



Closing in favor of PR [#9095](#)

fix #9094 throw exception, when tomcat context state not STARTED. #9095

Closed

hengyunabc wants to merge 1 commit into spring-projects:1.4.x from hengyunabc:1.4.x

💬 Conversation 0

🔗 Commits 1

📄 Files changed 2

+40 -0



hengyunabc commented 21 days ago

Contributor



No description provided.

🔗 fix #9094 throw exception, when tomcat context state not STARTED.

✓ 0e0e56a

🏷️ spring-issuemaster added the status: waiting-for-triage label 21 days ago

📖 This was referenced 10 days ago

Undertow initialises filters lazily so failures are only discovered when the first request is made #9232

Closed

When filter init throw exception, embedded tomcat started success, but all request return 404 #9094

Closed

🏷️ philwebb added priority: normal type: bug and removed status: waiting-for-triage labels 8 days ago

Reviewers

No reviews

Assignees

wilkinsona

Labels

priority: normal

type: bug

Projects

None yet

Milestone

1.5.4

Conversation 0

Commits 1

Files changed 2

Changes from all commits ▾ 2 files ▾ +40 -0 ■■■■■■

Unified

Split

Review changes ▾

8 ■■■■■■ ...java/org/springframework/boot/context embedded/tomcat/TomcatEmbeddedServletContainer.java

View



```
@@ -192,6 +192,7 @@ public void start() throws EmbeddedServletContainerException {
192 192         if (connector != null && this.autoStart) {
193 193             startConnector(connector);
194 194         }
195 +         checkThatContextHaveStarted();
195 196         checkThatConnectorsHaveStarted();
196 197         this.started = true;
197 198         TomcatEmbeddedServletContainer.logger

@@ -221,6 +222,13 @@ private void checkThatConnectorsHaveStarted() {
221 222     }
222 223 }
223 224
225 + private void checkThatContextHaveStarted() {
226 +     LifecycleState state = this.findContext().getState();
227 +     if (!LifecycleState.STARTED.equals(state)) {
228 +         throw new EmbeddedServletContainerException("Context state expect STARTED, but " + state, null);
229 +     }
230 + }
231 +
224 232 private void stopSilently() {
225 233     try {
226 234         stopTomcat();
```


Thank you

미래부 KOSS LAB. – Software Engineer

taeung@kossilab.kr

송태웅