Contributing to uftrace

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Thanks for considering contribution to uftrace. You can git clone the

uftrace source on the following address and send PR with your patch. But,

before doing that, I recommend you to read this to follow the conventions.

https://github.com/namhyung/uftrace

Coding style

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The uftrace is written in C and mostly follows the coding style of the

Linux kernel [1]. The only different is where to put the closing brace

and start of subsequent block. I prefer to put it at a separate line for

readability. For example:

if (cond == A) {

do\_some\_thing();

}

else if (cond == B) {

do\_other\_thing();

}

Please note that the position of the "else if" line.

For python programs (for tests or scripts), use 4 spaces to indent.

[1] https://www.kernel.org/doc/Documentation/process/coding-style.rst

Include subject word in message header

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Although uftrace has a small codebase, I believe it's a good convention

to prefix your subject line with colon. This lets me and other

developers more easily distinguish patches from other subject.

$ git log --oneline --graph

\* fef4226 Merge branch 'misc-fix'

|\

| \* 54a4ef0 test: Fix to be able to call runtest.py directly

| \* 6bbe4a0 graph: Skip kernel functions outside of user

| \* a76c7cb kernel: Use real address for filter match

|/

...

Signing your patch

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The sign-off is a simple line at the end of the explanation for the

patch, which certifies that you wrote it or otherwise have the right to

pass it on as an open-source patch. The rules are pretty simple: if you

can certify the below:

Developer's Certificate of Origin 1.1

By making a contribution to this project, I certify that:

(a) The contribution was created in whole or in part by me and I

have the right to submit it under the open source license

indicated in the file; or

(b) The contribution is based upon previous work that, to the best

of my knowledge, is covered under an appropriate open source

license and I have the right under that license to submit that

work with modifications, whether created in whole or in part

by me, under the same open source license (unless I am

permitted to submit under a different license), as indicated

in the file; or

(c) The contribution was provided directly to me by some other

person who certified (a), (b) or (c) and I have not modified

it.

(d) I understand and agree that this project and the contribution

are public and that a record of the contribution (including all

personal information I submit with it, including my sign-off) is

maintained indefinitely and may be redistributed consistent with

this project or the open source license(s) involved.

then you just add a line saying

Signed-off-by: Random J Developer <random@developer.example.org>

using your real name (sorry, no pseudonyms or anonymous contributions.)