

# TF-M Tech Forum

12-Mar-2026

# Agenda

- 1 RTX Rebuild and RTOS Options Discussion
- 2 ReadTheDocs generic links
- 3 AOB

# 1) RTX Rebuild and RTOS Options Discussion

- TF-M currently uses RTX for NS world
- Some platforms may need "custom flags", i.e. `-fshort-wchar`
  - `lib/ext/CMSIS/RTOS2/RTX/Library/<compiler>/libRTX_xyz.a`
- Rebuild strategy: on-demand, regular cadence?
- Alternative RTOSes?

## 2) ReadTheDocs generic links

- Follow TF-A's strategy?



Yann Gautier

11 Feb 1:45 p.m.

Hi Nicola,

Thanks for your answer.

Maybe the same kind of system as TF-A could be put in place.

There is a generic documentation link that points to the latest version of an LTS branch.

For example:

<https://trustedfirmware-a.readthedocs.io/en/lts-v2.10/change-log.html>

is the same as

<https://trustedfirmware-a.readthedocs.io/en/lts-v2.10.30/change-log.html>

And for next LTS release, the first link will point to lts-v2.10.31.

So for TF-M, there could be a documentation release link like this:

<https://trustedfirmware-m.readthedocs.io/en/tf-mv2.1.x>

That will be the same as:

<https://trustedfirmware-m.readthedocs.io/en/tf-mv2.1.4>

And when v2.1.5 is released, the generic link will point to this new version.

This way there is always a link that we can refer to without changing it in our docs, and a link that does not disappear.

Maybe this can be discussed on Discord with TF-A maintainers who manage the readthedocs.

Best regards,

Yann