

Framework & Tools WG

This working group has its focus on EVerest framework and tooling.

Meeting Agenda and Meeting Notes

2024-05-08

Current Development News

- According to Bazel integration: Choose tags or commit hash in dependencies.yaml
<https://github.com/EVerest/everest-core/pull/654>
Merged now.
- Generate version information that's displayed during EVerest startup
Ongoing development.
Short discussion about including also version information for all modules. Still undecided.
- Request for comments on support for Rust in meta-everest.
<https://github.com/EVerest/meta-everest/issues/24>
- Rust support for EVerest error handling
Andreas will create some PRs in the upcoming days to give more info for Rust error handling development.

2024-04-22

Framework & Tools Update

- Generate version information that's displayed during startup - in Draft phase
 - <https://github.com/EVerest/everest-cmake/pull/3>
 - <https://github.com/EVerest/everest-framework/pull/177>
 - <https://github.com/EVerest/everest-core/pull/622>
- Rust WIPs
 - Support of modules in meta-everest
 - Support error handling
- Newly merged: Using Git's versionsort.suffix mechanism
<https://github.com/EVerest/everest-dev-environment/pull/40>

Community Topics

- Discussion about listing currently raised errors (see Zulip)
 - Is planned for integration in error handling concept
- Move some logging from debug to verbose level
 - Currently still in Draft status
<https://github.com/EVerest/everest-framework/pull/183>

2024-03-25

- Presentation of the current status of the error handling framework
- Discussing "devcontainers" in EVerest

2024-03-13

****Decisions****

- Setup error handling agenda point for next meeting (Manuel)

****Actions****

- Add some best practice to documentation about building steps after changing types / interfaces etc. (Manuel / Kai)
- Improve ev-cli to give feedback to user and way to proceed (Evgeny)
- Time-slot: Afternoon better choice? (Manuel)
- Improve ev-cli docs (based on ev-cli help cmd) (Manuel)
- Add tutorial about out-of-tree module dev (Kai has some example module)

2024-02-26

Meeting notes:

- Multiple performance improvements have been done for the current release.
- Docu update done: New framework illustrations
(see https://everest.github.io/nightly/general/01_framework.html)
- Issue from the community: EDM is not applying cmake_condition to parent
 - see <https://github.com/EVERest/EVERest/issues/141>

2024-02-14

Meeting notes:

- **cmake**
 - Current work on **conditional dependencies** has been merged.
See e.g. the new file *module-dependencies.cmake* in everest-core repo.
 - Question about excluding modules from build
Answer: Go with the cmake parameter *EVEREST_EXCLUDE_MODULES* which takes a list of modules to be excluded. Same is possible with *EVEREST_INCLUDE_MODULES*
- Short preview for an upcoming documentation PR about a **top-level view on framework** functionality.
PR will be announced via Zulip.
- **Release cycle process**
Docu update on GitHub will follow.
- **Rust Support:**
 - Feedback is welcomed!
 - Manuel will include some promotion in the big documentation on everest.github.io
- **Bazel**
 - Announcement for upcoming PR - e.g. improve testing integration.
- **Best practice** when starting to work on things:
Create an issue to announce your current work so that others that are interested or eventually working on similar stuff can get in touch.
This will also be added to contribution docs.

Slides:



2024-01-22

Meeting notes:

- Frequency and time-slots for our working group meetings
 - Bi-weekly and alternating between morning and afternoon (CET)
 - Decision was to set it on Wednesdays in a week without a Car Communication working group call.
 - As there is now already another working group meetup, I will setup an alternative for the first events. Then, we will see how that works out.
- Topics in our working group
 - Tools: edm, ev-cli
 - Current framework topics: Rust integration, cmake / conditional dependencies.