



# PR and release status: BSM processes (HEFT), MacOS etc

Andrea Valassi (CERN)

*Madgraph on GPU development meeting, 14<sup>th</sup> May 2024*

<https://indico.cern.ch/event/1355152>

*(previous update was on April 30 – only mentioning changes since then)*

# Brief status update for my PRs and issues

- Brief update on my PRs and issues (since April 30 meeting – only mentioning changes)
  - **MERGED: PR #832 (HEFT and FPEs)** – after 1<sup>st</sup> and 2<sup>nd</sup> review by OM
    - Removed special handling of `mdl_G__exp__3` as suggested by OM – but kept it for `mdl_G__exp__2`
    - *Reopened issue [mg5amcnlo#89](#)*
      - This fixes `mdl_G__exp__3` for SMEFT (was complex, now is correctly double)
      - But it does not fix `mdl_G__exp__2` for SUSY (still complex, while it should be real)
    - Added a workaround for MacOS issue #838 below: disabled testmisc on MacOS (segfaults on ARM)
- MacOS issues
  - Opened/Closed new issue [#838](#) – testmisc segfaults on MacOS ARM: disable it on MacOS
    - The same code had succeeded one month ago, but the CI had used an x86 MacOS
    - Opened new issue [#840](#) – fix this and reenale the test (anyone with a Mac system please, not me!)
  - Opened new issue [#839](#) – set up separate CI tests for x86 and ARM
    - Presently there is no way to do this for github-hosted runners?
    - We probably need self-hosted runners (x86 and ARM, both Linux and MacOS)