

# HSF Software Developer Tools & Packaging Working Group Plans

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# 2021 in a nutshell and lessons learnt

- 2021 has been a fairly busy/successful year for our working group
- Some of the highlights were:
  - The European Environment for Scientific Software Installations (EESSI) discussion ([agenda](#))
  - The Linux Systems Performance: Tracing, Profiling, and Visualization discussions ([agenda](#))
  - The discussion on the Future of Spack ([agenda](#))
- Some of the lessons learnt:
  - There was an imbalance between the first and second half of the year in terms of events
  - We started recording the meetings only later on in the year
  - Perhaps we can promote cross-WG collaboration in the future (e.g. with the training WG etc.)

# Looking towards 2022

- Spack will continue to be a focal point from the packaging perspective
  - Planning to get more feedback from the users to promote collaboration
  - Possibly a good idea to keep tracking alternatives, e.g. EESSI, as done previously
- Continue discussions on various profiling tools, static analyzers, IDEs etc.
  - Again, as a cross-WG effort, can host a dedicated discussion on GPU profilers
  - Battle proven tools, such as perf, VTune, etc. will continue to be discussed
- Promote some discussion on the “new features” of C++
  - Similar to PyHEP’s module of the month
  - Discuss new libraries and/or language features that are useful in the context of HEP
- Of course as always we’re very much open to new ideas
  - Please let us know your comments questions...

# Last but most certainly not least

- A big welcome to **Valentin Volkl!**
  - Both Marc and Serhan are looking forward to working w/ Valentin...
- A big thank you to **Mircho Nikolaev Rodozov!**
  - It's been a pleasure to work with him last year
  - All the best to him in his personal/professional life in the future....
- **Looking forward to an excellent new year!**