

Software Tools WG

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Software Tools Group

- The Big Picture
 - After the [Community White Paper Roadmap](#) and the [Naples WLCG/HSF workshop](#) we understand better the challenges needing to be faced
 - High-Luminosity LHC and Intensity Frontier are major drivers
 - But these are folded into a larger programme of work, e.g.,
 - Run3 upgrades for ALICE and LHCb
 - Belle II data taking start
 - Next generation nuclear experiments at FAIR
 - Future accelerator projects: ILC, CLIC, FCC
- Now we try to embark on software re-engineering to face these challenges
 - Collaboration can be enabled by technology
 - Think of how github and gitlab changed our lives for the better
 - Ensuring we have the *right tools* for the job is the focus of this group

Don't Start from Zero!

- Chapter was contributed to the [CWP Roadmap](#)
- We also published a standalone contribution from the group into [arXiv](#) (1712.07959)
- And we had a [session](#) at the joint WLCG/HSF workshop in Naples
- Material gives a good sense of where we are and where we want to go

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Ongoing Activity

- We should make sure the group has a descriptive page on the HSF Website
- Our work should have a clear focus and goal
 - But we would be happy to discuss the problems in advance!
- Please let us know what areas you are interested in and if you would like to make any presentations in future meetings
 - Meeting slots and frequency can be discussed
- We'll use the HSF Technical Forum list for discussion and announcements
 - <https://groups.google.com/forum/#!forum/hsf-tech-forum>

[HSF Technical Note](#) on [Project Best Practices](#) (Benedikt) is open for comments and discussion - this working group will surely have good advice to give here