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Key4hep: Progress on Common Software

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Since 2020, CLIC and ILC take part in the Key4hep collaboration, which strives to create a common software for HEP collider design studies. Key4hep represents a flexible, multi-layered model of collaboration, where different common components like documentation, build system, data modeling, persistency and framework components are adopted as needed. This talks gives a bird's-eye view of Key4hep activities with a focus on the developments of the spack-based build system – which allows one to install all iLCSoft components and their dependencies – the framework core, and the framework integration of the Delphes fast simulation program, and discusses the roadmap towards the complete "turnkey software stack".

Time Zone

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