

Abstract Submitted  
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**Input & Output Standardization Efforts**<sup>1</sup> A HUEBL, LBNL, previously HZDR, R LEHE, J-L VAY, LBNL, M THEVENET, DESY, previously LBNL, D P GROTE, LLNL, I F SBALZARINI, TU Dresden and MPI-CBG, S KUSCHEL, SLAC, previously IOQ Jena, M BUSSMANN, HZDR and CASUS, D SAGAN, Cornell University, C MAYES, SLAC, F PEREZ, LULI, F KOLLER, HZDR — Open frameworks and tools in plasma physics provide potential for complex, cross-domain modeling and analysis activities. Connecting those, standardization efforts aid compatibility and improve usability. We present openPMD (open standard for particle-mesh data files) and PICMI (particle-in-cell modeling interface) as two projects focusing on data and software input compatibility.

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Axel Huebl  
Lawrence Berkeley National Laboratory

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