



Using language interoperability tools such as Babel would help us to share common algorithms among HEDP simulation groups

Physics Algorithms

Equation of State
(Fortran 77)

Stopping Power
(C)

Radiation Transport
(F90, C++)

Babel

Applications

WARP/BEST
(Fortran 90)

LSP, ALEGRA
(C/C++)

HYDRA
(?)

Babel (developed at LLNL) is an automated way for us in the HEDP community to share physics modeling routines while continuing to each write applications in our favorite language