

ACTS Upgrade Plans

- ACTS is actively being developed → many update releases (~2/month)
- Updates
 - Sometimes break our tracking → difficult to implement tracking algorithms and fix parameters
 - Sometimes fix issues we have, e.g upgrade to ACTS 21 provided better interface between DD4HEP geometry and ACTS
 - Ensure consistent software interplay, e.g. ACTS xx support DD4HEP yy
- Non-trivial and time consuming to update ePIC software across multiple releases at one time

➤ We need to work with the software team to produce an ACTS upgrade plan for ePIC