

# LArSoft Coordination Meeting

*Release and project report*

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on behalf of  
the SciSoft team  
*Fermilab*

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# Today's agenda and speakers

- Release and project report (Erica)
- Making GeometryService and other services thread-safe (Kyle Knoepfel)
- GPU as a service for LArSoft ML applications (Mike Wang)
- (TBC) Modifying time-stamps in DB calls (Andrzej Szelc)
- Legacy LArG4 re-naming (Lynn Garren)
- AOB

# Releases

- Last week
  - No release
- This week
  - PRs expected in this week's release
    - TrajCluster updates (larreco #1)
    - Re-name legacy LArG4 (larsim #6)
    - Adopt target-based Root libraries (multiple)
    - Thread-safe geometry system (larcorealg #3)

# Change to *art* 3.05 plan

- Previously announced that *art* 3.05 would:
  - Use a new compiler
  - Only be compatible with Python 3
  - Come with a new software stack (due to those changes)
  - Mark the end of SLF6 support

Have decided to move these changes into *art* 3.06

- The new plan for *art* 3.05
  - Changes to allow SHARED services to use LEGACY implementations
    - Removes a blocking issue for continued thread-safety / multi-threading work
  - Release *art* 3.05 asap (this week!)

The end