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# **LArSoft refactoring for LArSoft/LArLite integration**

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# Progress

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- Several UPS products need to be split up: art, nutools, lardata, larsim, and larcore
  - all exploratory work finished
  - scripts for migrating user code ready
- art
  - refactored code exists in a development branch in art repository
  - this code needs to be merged into two branches (to keep ROOT5 support for NOvA)
- nutools
  - refactored code in developer's GitHub repository
  - also needs to be merged into two branches
- LArSoft products
  - refactored code in developer's GitHub repositories
  - can be merged into LArSoft v5 release

## Schedules and issues

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- art migration ready to begin now (have just cut new release)
  - create new UPS product as part of this migration
  - will start within the week
- nutools migration requires release of new art UPS product
  - need branches for ROOT5 and ROOT6 in nutools and nudata
  - will start once new art UPS product is ready, < 2 days' work
- LArSoft product migration requires release of nutools
  - < 2 days of work that can start after
    - new nutools UPS product is ready
    - LArSoft v5 is released
  - need LArSoft decision on when to push changes to the repositories