

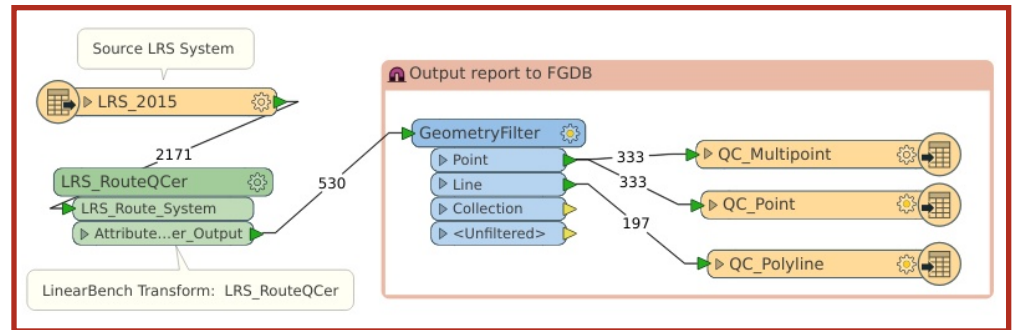


LinearBench® Transform








LinearBench Transform (LBT) is a collection of custom transformers for FME® software designed to solve data QC, reporting, and integration challenges in managing LRS transportation data for HPMS and ARNOLD compliance.

Advantages

- Works with LRS data in all storage or schema formats.
- Hides complex workflows with a simple UI.
- Addresses ALL LRS QC, maintenance and reporting needs.



Selected LBT Transformers for FME

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|--|---|
|  HPMS_SectionQCer | Conduct QC on HPMS Sections dataset per HPMS Field Manual |
|  HPMS_SamplePanelStatsQCer | Report on various sample adequacy issues on sample panels |
| HPMS_SamplePanelAttrQCer | Report on sample panel attribute or data item coverage inadequacies |
|  HPMS_TOPSGenerator | Generate TOPS segments and key statistics (required sample sizes, etc.) |
| LRS_GeoCoder | Convert LRS events (point or linear) into LRS features |
| LRS_RevGeoCoder | Convert feature points into LRS events |
| LRS_EventJoiner | Join (overlay) two LRS events |
| LRS_EventMerger | Merge adjacent and connected LRS events having the same attribute(s) |
|  LRS_EventQCer | Conduct QC on LRS events for event inconsistencies |
|  LRS_EventSummarizer | Summarize LRS events based on a reference event layer |
|  LRS_RouteQCer | Conduct QC of LRS network for route inconsistencies |
| LRS_RouteRefGenerator | Generate LRS route reference table or street intersection table |
| LRS_RouteCalibrator | Calibrate LRS routes given calibration points |
| LRS_RouteBuilder | Build LRS network in bulk on road centerline network |
|  LRS_FeatureAreaOverlayer | Overlay LRS features with area features |

As Seen on YouTube <https://www.youtube.com/user/linearbench>



Gistic Research, Inc is a partner and authorized Solution Provider for Safe Software, developer of FME software. The combination of our proficiency with FME software and transportation experience qualifies us to provide services and products that leverage FME to solve LRS transportation data integration challenges.