SVT Alignment - Type 1 events with new geometry

1 Sequence of steps for track-based alignment with millepede.

2 Validate new SVT geometry code - redo Type 1 analysis of SVT cosmic ray data from last May.

3 Analysis chain works, but has some issues.
   1 Coordinate system mismatch in ced.
   2 Residual results ‘consistent’ within uncertainties with previous results, but have coordinate system mismatch.
   3 coatjava 3.0 missing jroot libraries - had to use 2.4 for post-reconstruction analysis.
   4 Reconstructed data files are too large - can’t be read by groovy scripts.

4 Can we insert millepede misalignments into reconstruction?
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1. Sequence of steps for track-based alignment with millepede.

   SVT cosmics → cosmics recon → select type 1 → mille input → pede binary input → pede misalignments → event recon

   geometry, track fits, residuals, derivatives

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