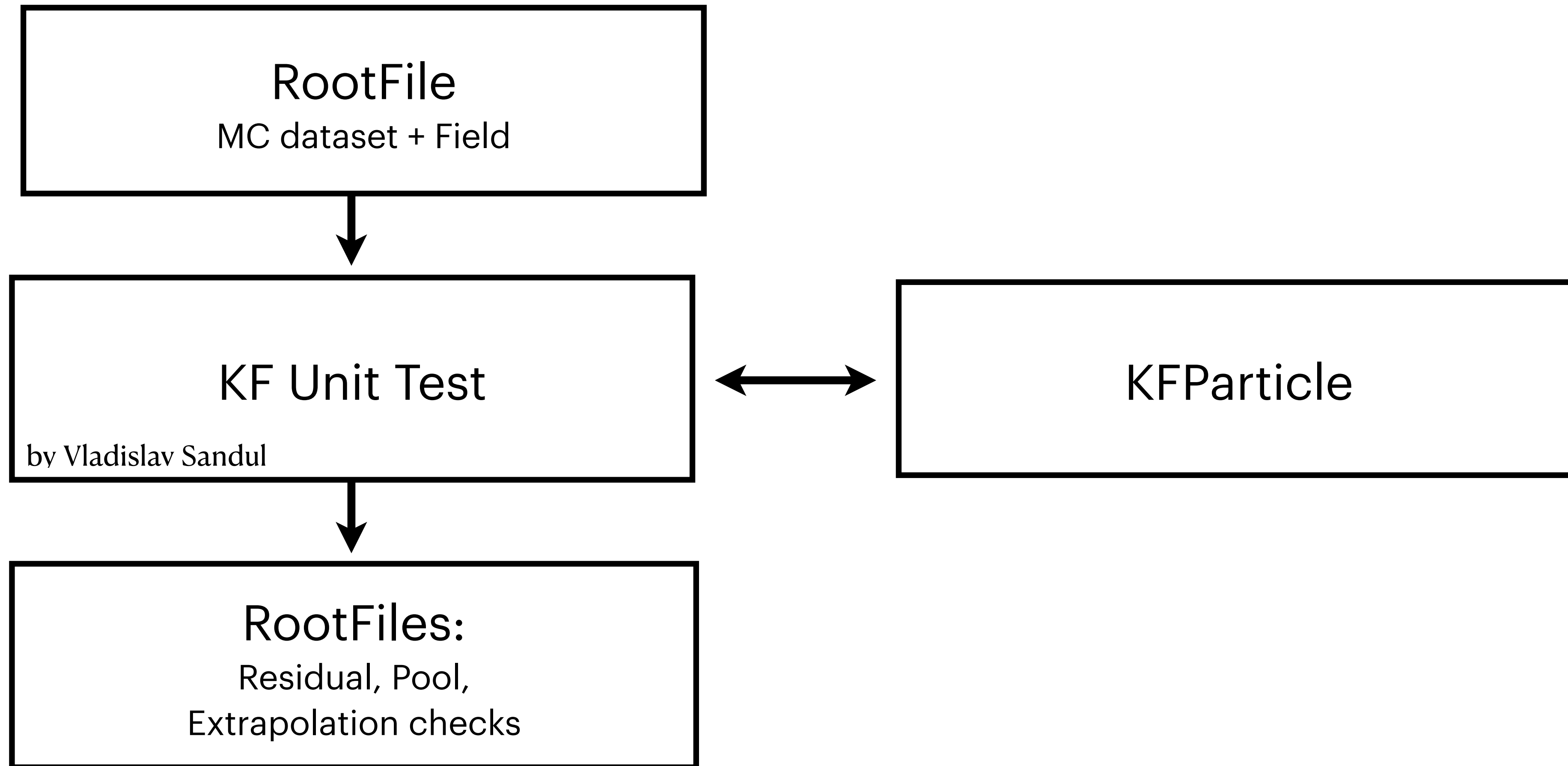# ALICE/CBM: Status and plans KF Unit Test development

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KF Unit Test Structure

KFUnitTest is an instrument to check correctness of KFParticle package performance.

move from unit tests towards continuous integration test, automatic checks and unified package for different experiments

Status and Plans for KF Unit Tests

- Parameter distribution for mother and daughters
- Residual and Pull distribution, Chi2
- Transport method deltas
- Tree with reconstructed particles

- Move towards unified tool for different experiments
- Use generated pseudo particles (with running decay angle)
- Switch to automatic checks and monitor display
- Change parameter set (from x,y,z to u (along trajectory), v (perpendicular))
- Add Prob distribution, add residual and pulls at decay and initial point