To question 1), the answer is
https://subversion.gsi.de/trac/fairroot/browser/pandaroot/development/mz yzak

To question 2), actually we have only one Kalman Filter package in the repository, which is genfit, also a bit obsolete and with problems. If we find a new and better Kalman, it will be good. Currently, the only studies for a new Kalman Filter are the yours with genfit2.