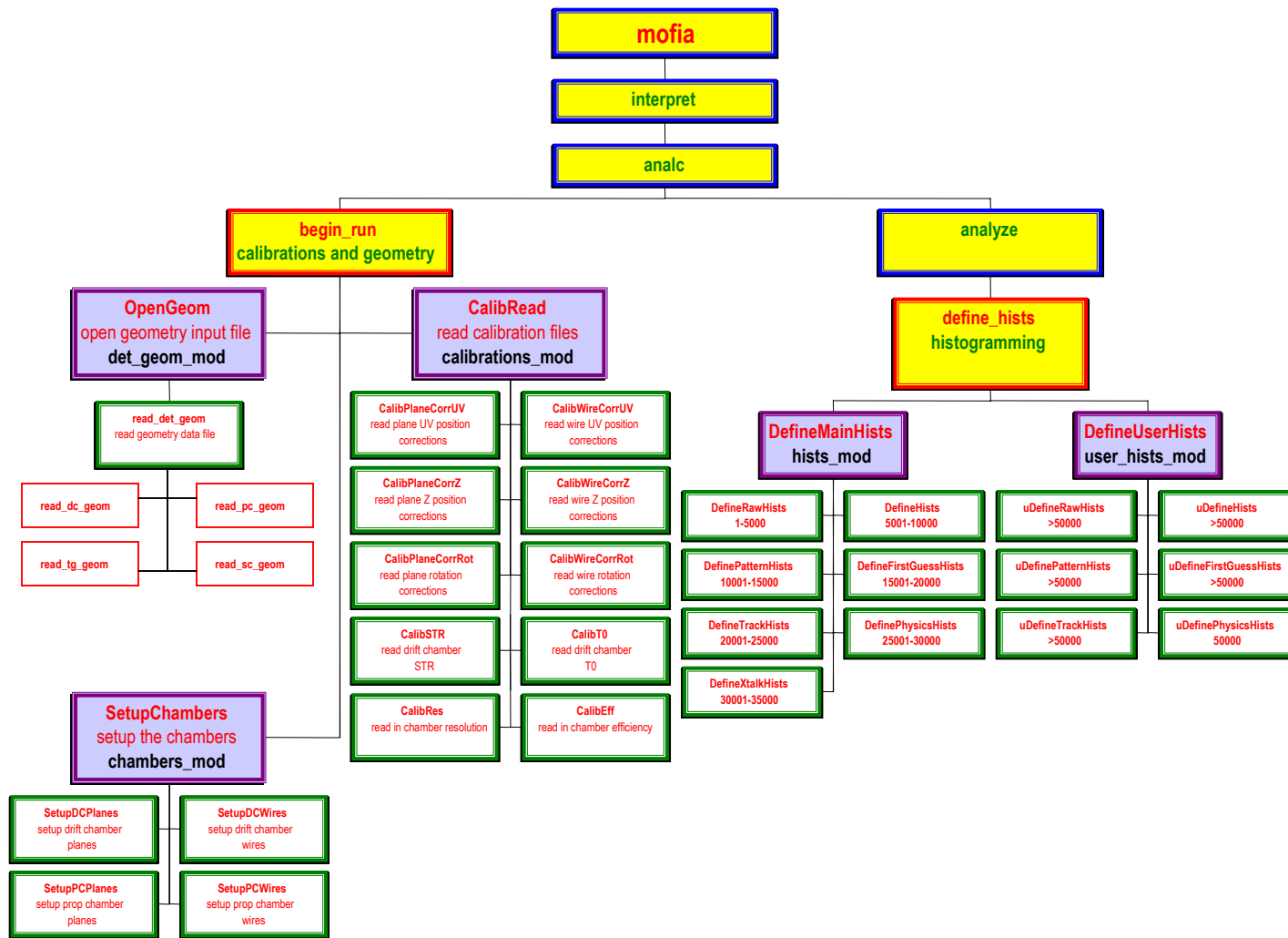
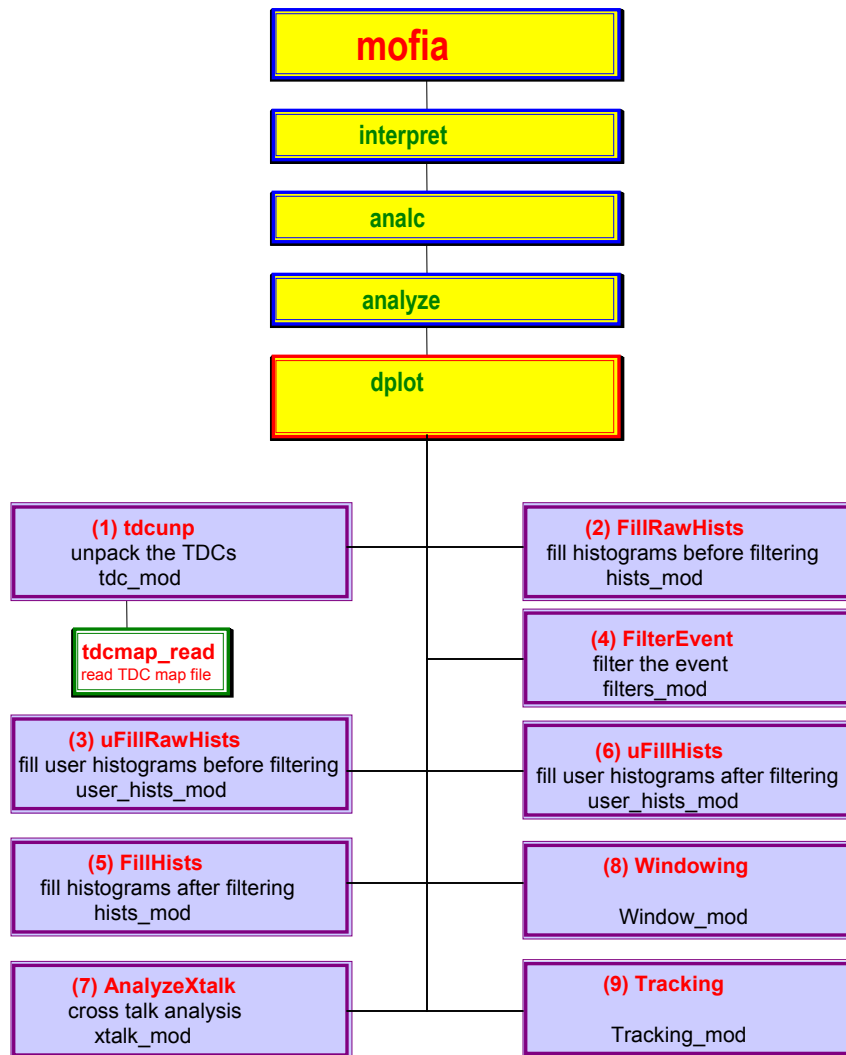


MOFIA Initialization Branch

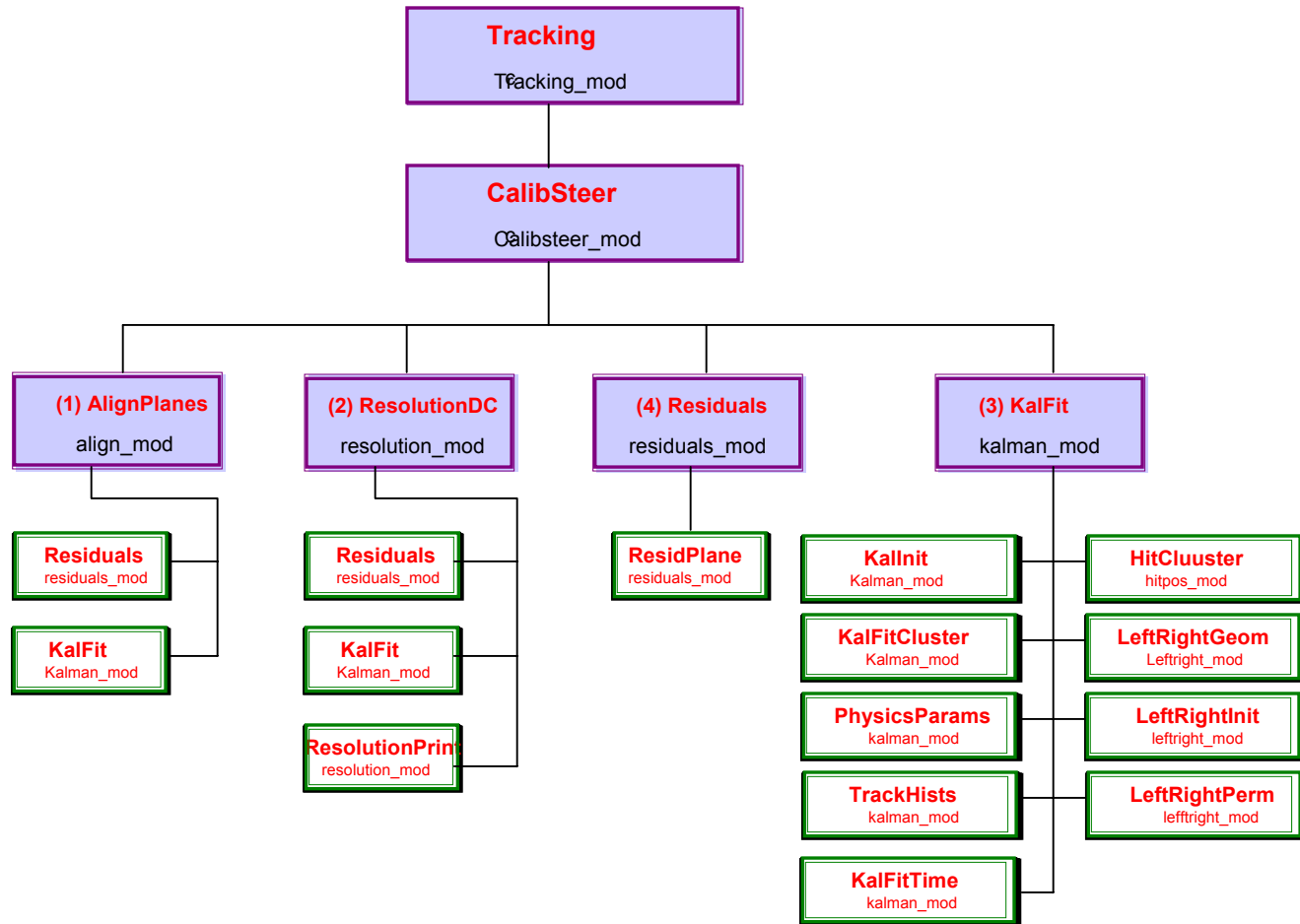
TWIST FLOWCHARTS



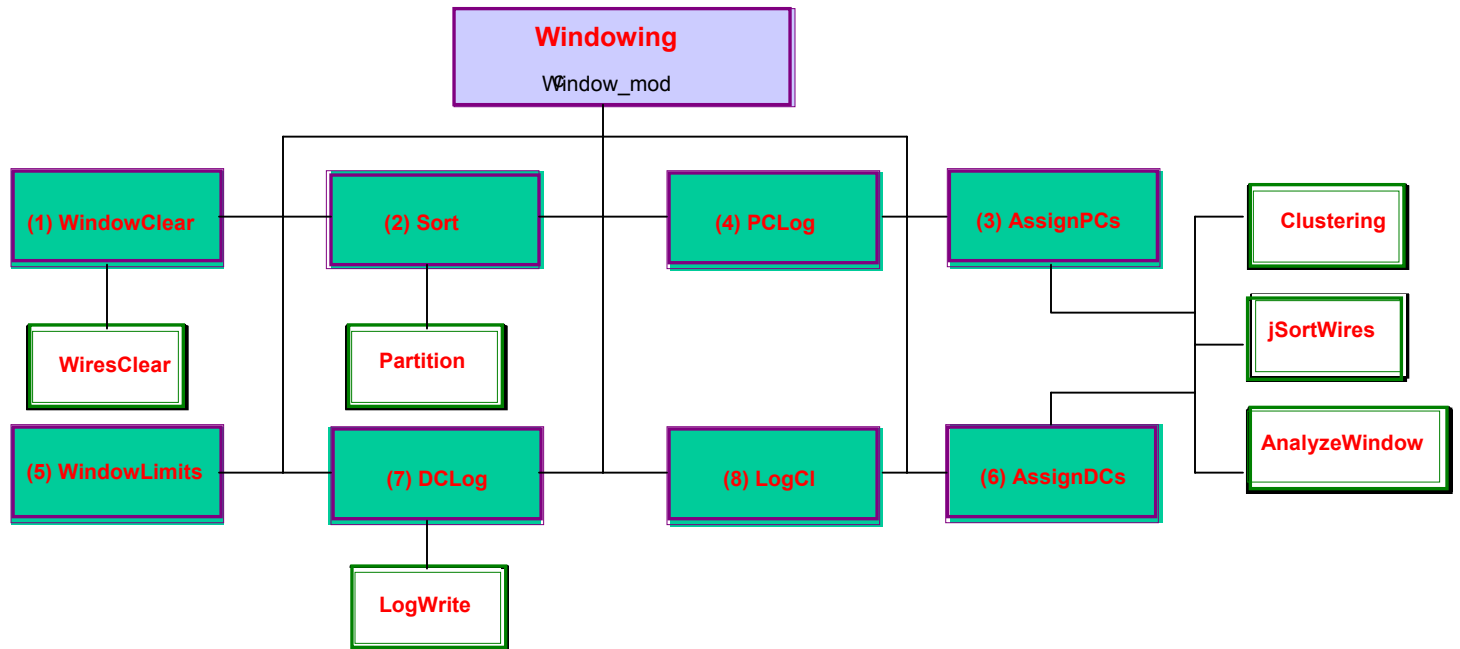
MOFIA Analysis Branch



Tracking Branch



Windowing Branch



Modules List:

- tdcmap_mod
 - tdcmap_read public
 - CDGET public
 - RITE public
- tdc_mod
 - tdcfill public
 - sortwires public
 - sortwires1 private
 - insert_whit public
 - insert_whit1 private
 - tdc_init public
 - tdc_clear public
 - tdcprint public
 - whitsprint public
 - next public
 - remove_whit public
- Unp_mod
 - tdcunp public
 - tdcunp_bank private
 - * do_record private
 - tdc_listhits public
 - GetCamac public
 - unpmc public
- calibrations_mod
 - CalibRead public
 - CalibSTR private
 - CalibT0 private
 - CalibRes private

- chambers_mod
 - SetupChambers public
 - SetupDCPlanes private
 - SetupDCWires private
 - SetupPCPlanes private
 - SetupPCWires private
 - PrintGeom public
 - PrintDCPlanes private
 - PrintDCWires private
 - PrintPCPlanes private
 - PrintPCWires private
- filters_mod
 - FilterEvent public
 - CalculateCounters private
 - ApplyFilters private
 - InitAll private

- det_geom_mod
 - OpenGeom public
 - read_det_geom private
 - * read_dc_geom private
 - * read_pc_geom private
 - * read_tg_geom private
 - * read_sc_geom private
- NameList_mod
 - namelist_c public
 - show_namelist public
 - list_namelist public
- residuals_mod
 - ResidInit public
 - Residuals public
 - ResidPlane private

- **hists_mod**

- DefineMainHists public
 - DefineRawHists private
 - DefineHists private
 - DefinePatternHists private
 - DefineFirstGuessHists private
 - DefineTrackHists private
 - DefinePhysicsHists private
 - DefineXtalkHists private
- FillRawHists public
- FillHists public
- FillPatternHists public
- FillFirstGuessHists public
- FillTrackHists public
- FillPhysicsHists public
- FillXtalkHists public
- TestGeomHists public
- ResetHists public
- WriteHists public

- **user_hists_mod**

- DefineUserHists public
 - uDefineRawHists private
 - uDefineHists private
 - uDefinePatternHists private
 - uDefineFirstGuessHists private
 - uDefineTrackHists private
 - uDefinePhysicsHists private
- uFillRawHists public
- uFillHists public
- uFillPatternHists public
- uFillFirstGuessHists public
- uFillTrackHists public
- uFillPhysicsHists public

- **xtalk_mod**

- InitXtalkCounters public
- AnalyzeXtalk public
- PrintXtalkCounters public

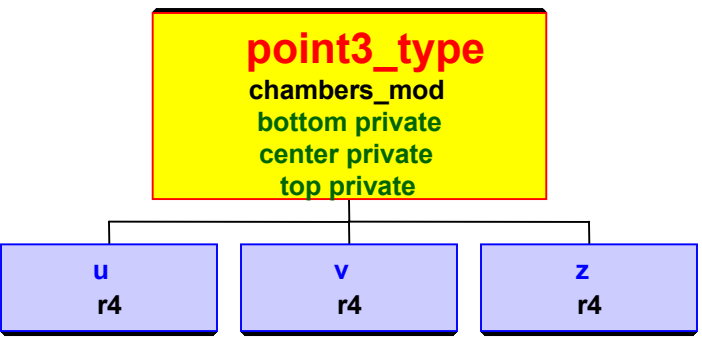
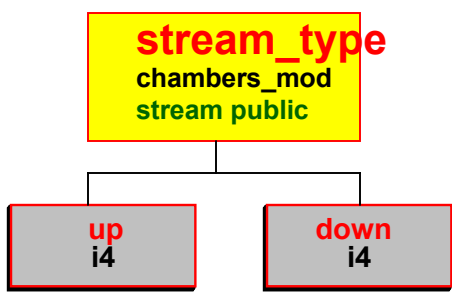
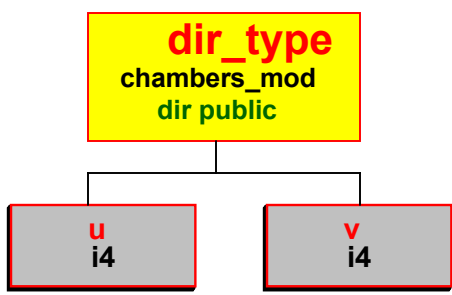
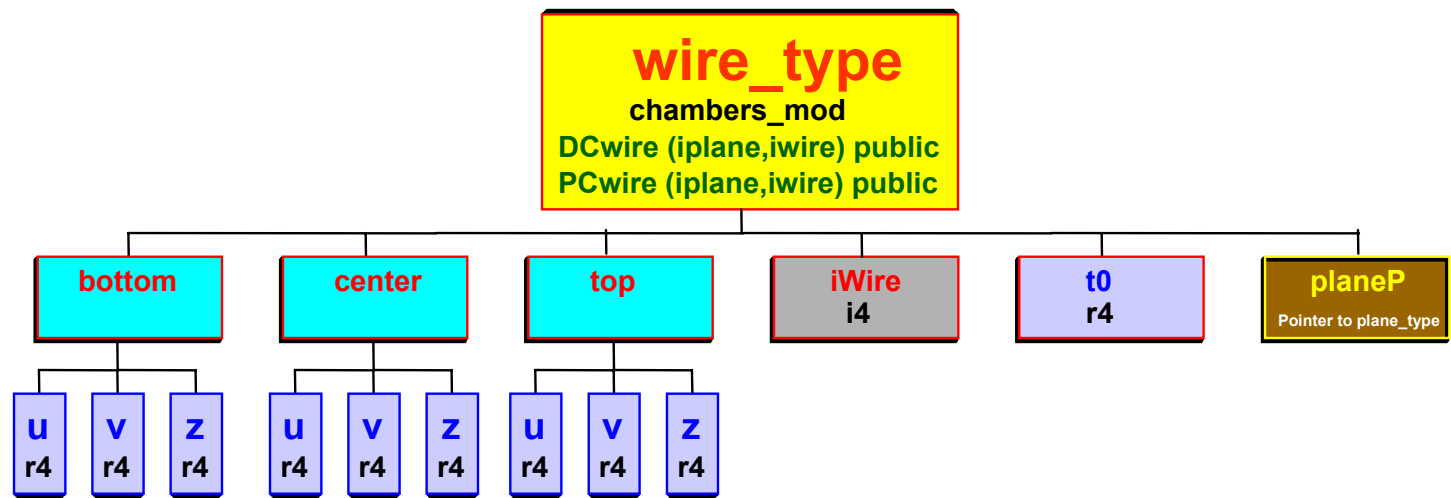
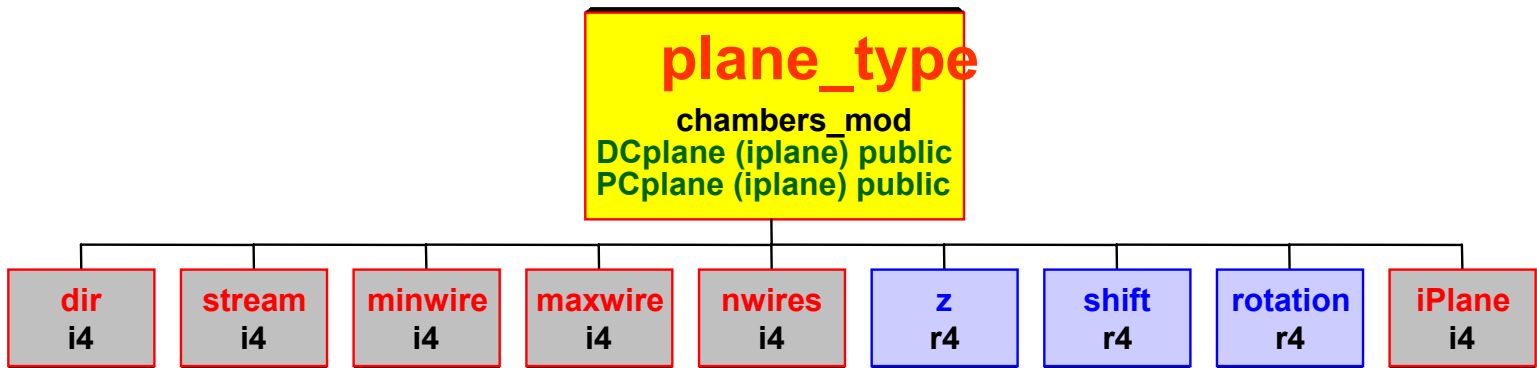
- kalman_mod
 - KalFit public
 - KalInit private
 - KalFitCluster private
 - KalFilter private
 - » KalTrackModel private
 - KalSmooth private
 - KalFitTime private
 - KalFilter private
 - » KalTrackModel private
 - KalSmooth private
 - PhysicsParams private
 - TrackHists private
 - PRECISION_MOD
 - align_mod
 - AlignPlanes public
 - PrintResid public
 - calibsteer_mod
 - CalibSteer public
- hitpos_mod
 - HitCluster public
 - HitTime public
 - HitSegment private
 - HitPosition private
 - HitDriftBin public
- leftright_mod
 - LeftRightGeom public
 - LeftRightInit public
 - LeftRightPerm public
- efficiency_mod
 - InitEfficiency public
 - CalcEfficiency public
 - Uvpos private
 - CellNumber private
 - intersect private
 - PrintEfficiency public

- Firstguess_mod

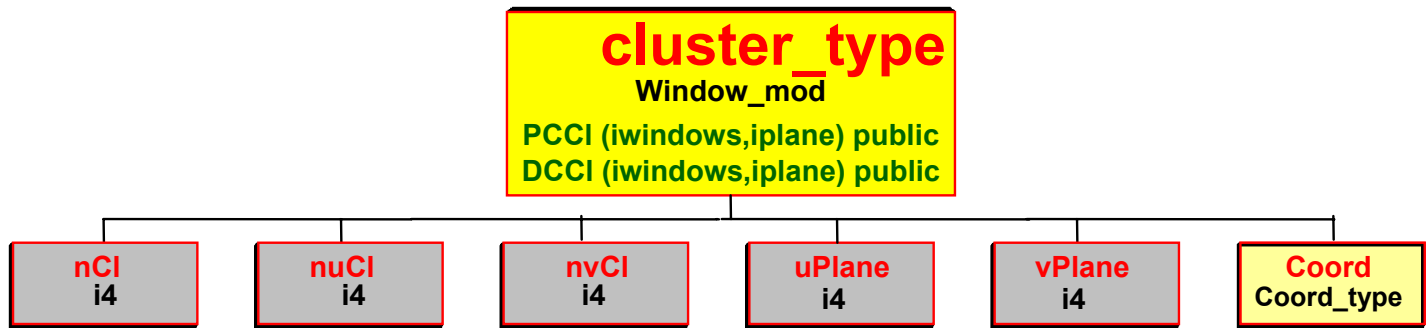
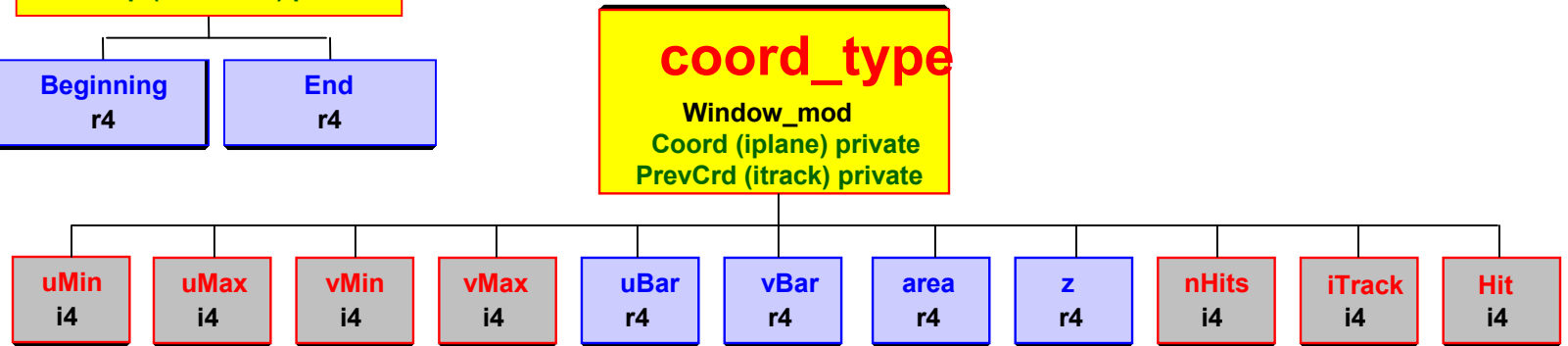
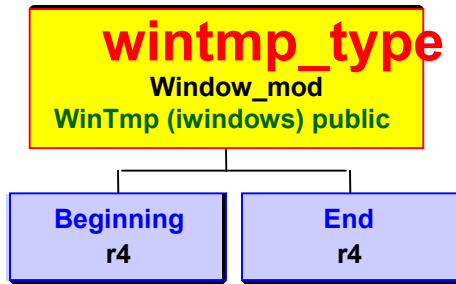
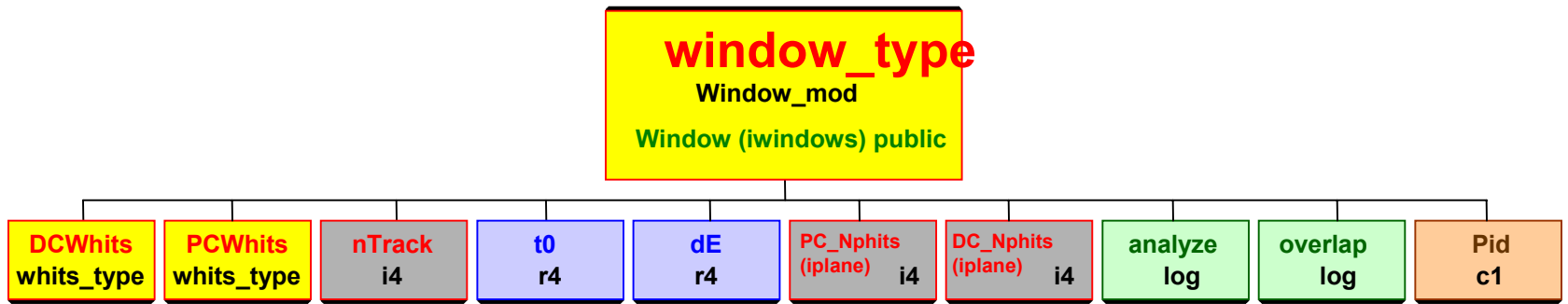
- Particle public
 - Initialize private
 - Muon private
 - NewTrack private
 - » AddClHits private
 - » AddHits private
 - » jSortWires public
 - AddClk private
 - AddClkTmp private
 - eDense private
 - AddClk private
 - AddClkTmp private
 - eSparse private
 - NewTrack private
 - AddClk private
 - AddClkTmp private
- StartParameters public
- RemoveHits public
- CirFit private
- Cont private
- FirstGuessArt public
 - PariSearch private
 - printWorkingTrackInfo private
 - ZeroTrackCounters public
- addcluster public
 - unwind private
 - unwind4 private
 - addsums private
 - remsums private
- insert_fgtrack public
 - addtrack private
- PrintWork public
- fit_circle private
- find_slope private

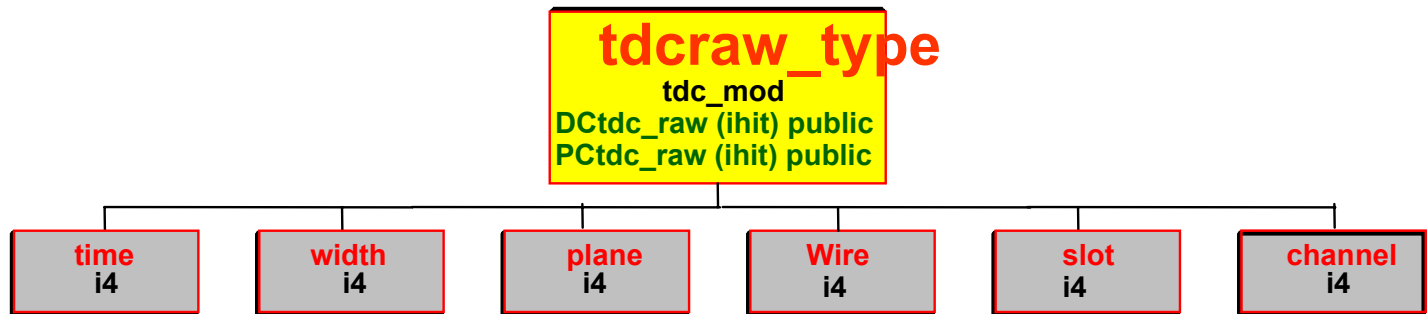
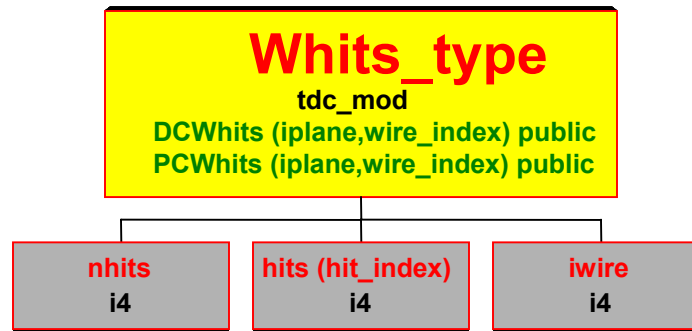
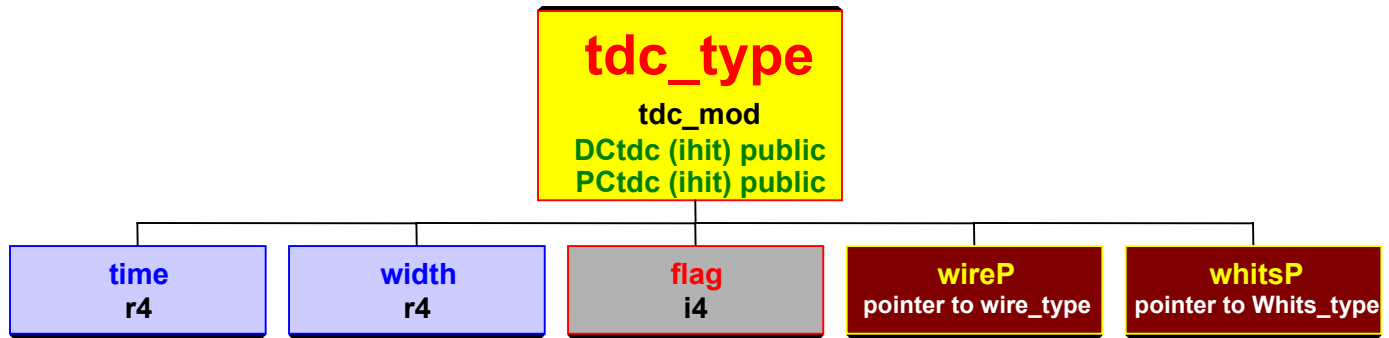
- Window_mod
 - Windowing public
 - WindowClear private
 - WiresClear private
 - Sort private
 - Partition private
 - » InterchangeSort
 - AssignPCs private
 - Clustering private
 - AnalyzeWindow private
 - jSortWires public
 - AssignDCs private
 - Clustering private
 - WindowLimits private
 - DCLog private
 - LogWrite private
 - LogCl private
 - PCLog private
 - PCWLog private
 - WinLog private
 - DinSertLog private
 - LogWinHits private
 - WireLog private
 - WinTmpLog private
- Track_mod
 - TrackLog public
 - insertmctrack public
 - listmctracks public
 - difMCFGtracks public
 - diftracks private
- matrix_mod
 - MatrixMultiply public
 - MatrixTranspose public
 - MatrixInvert public
 - test_matrix public
- resolution_mod
 - ResolutionDC public
 - ResolutionPrint public
 - ResolutionInit public
- Tracking_mod
 - Tracking public

FW-OF
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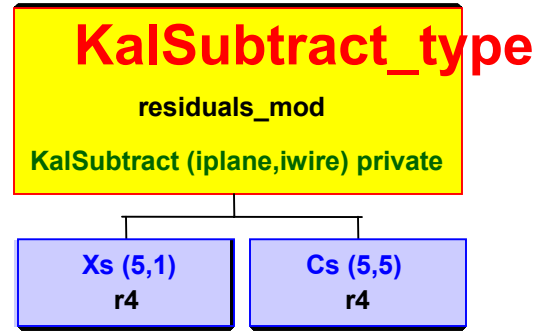
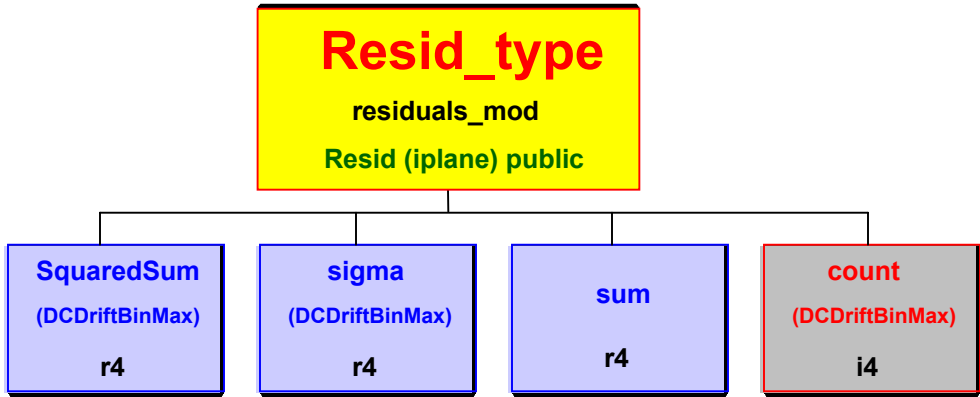
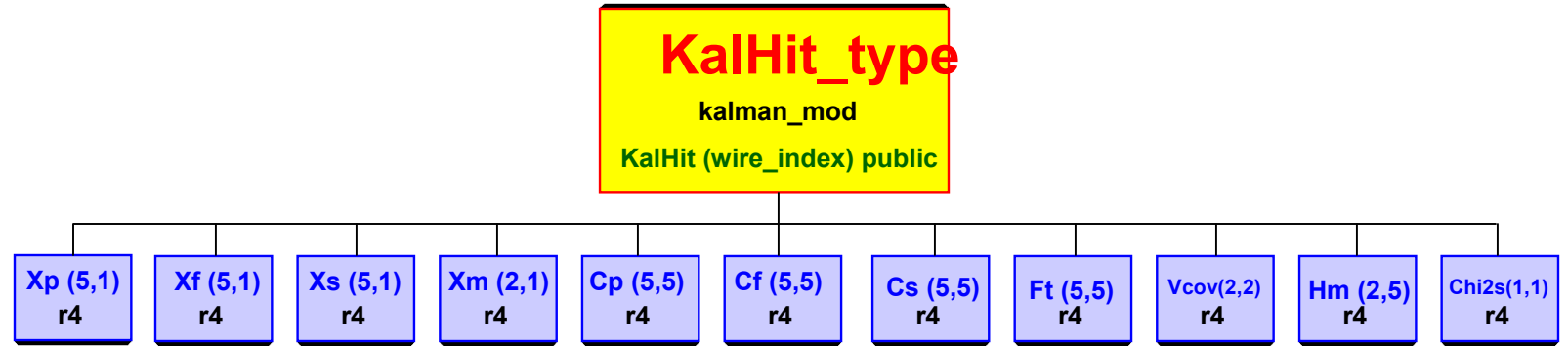
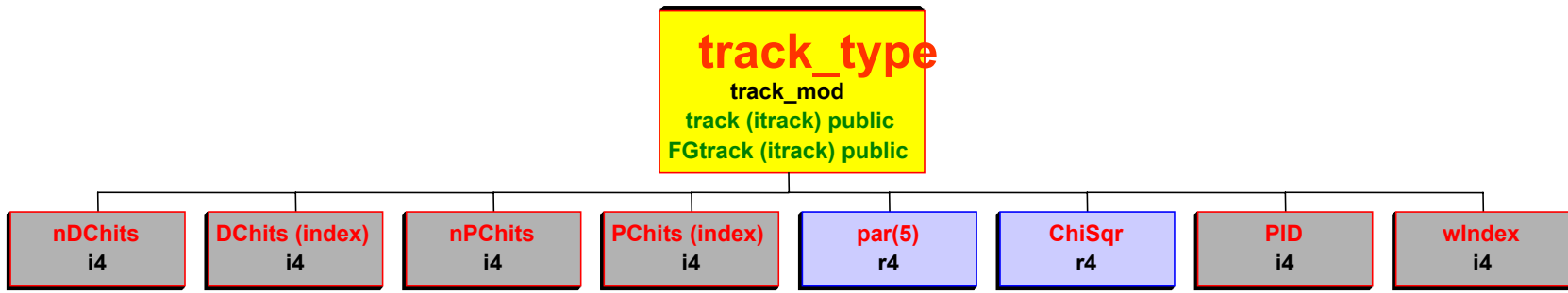


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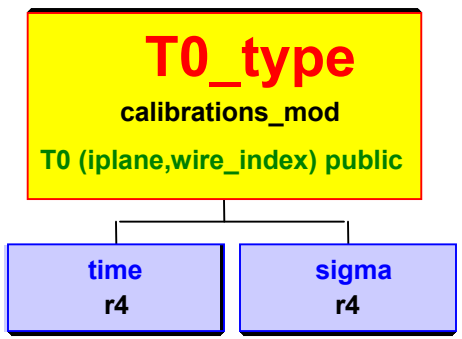
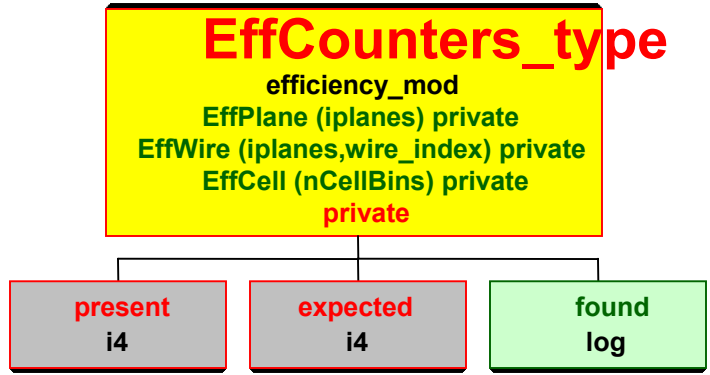
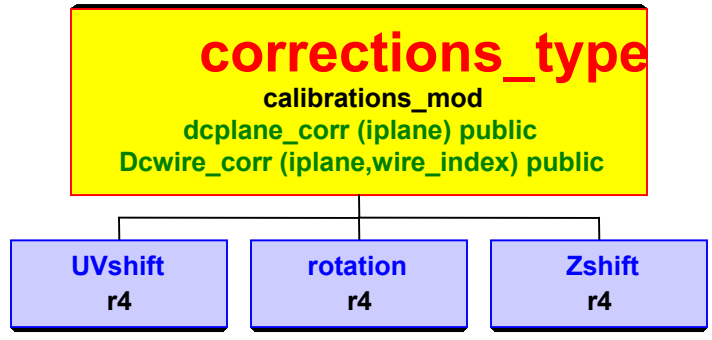
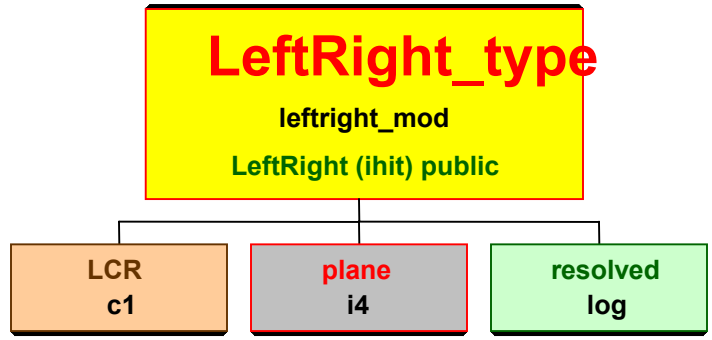
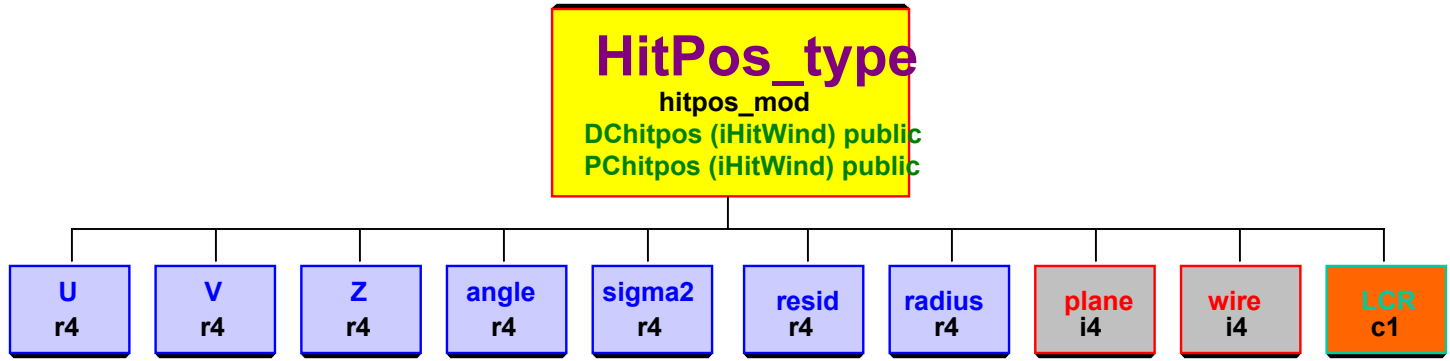




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