DST tracker reconstructed data structures

trkRecObj

type()

id()

mother()

$?^2$()

Quality()

iniLayer()

nHits()

eneInput()

eneDeter()

trkLocatorList

trkHitList

trkLocator

type() id()

V_x(), V_y(), V_z()

P_x/P_z(), P_y/P_z()

s_x() s_{tgx}() cov_x()

s_y() s_{tgy}() cov_y()

trkHit

layer()

stripAddress()

XY()
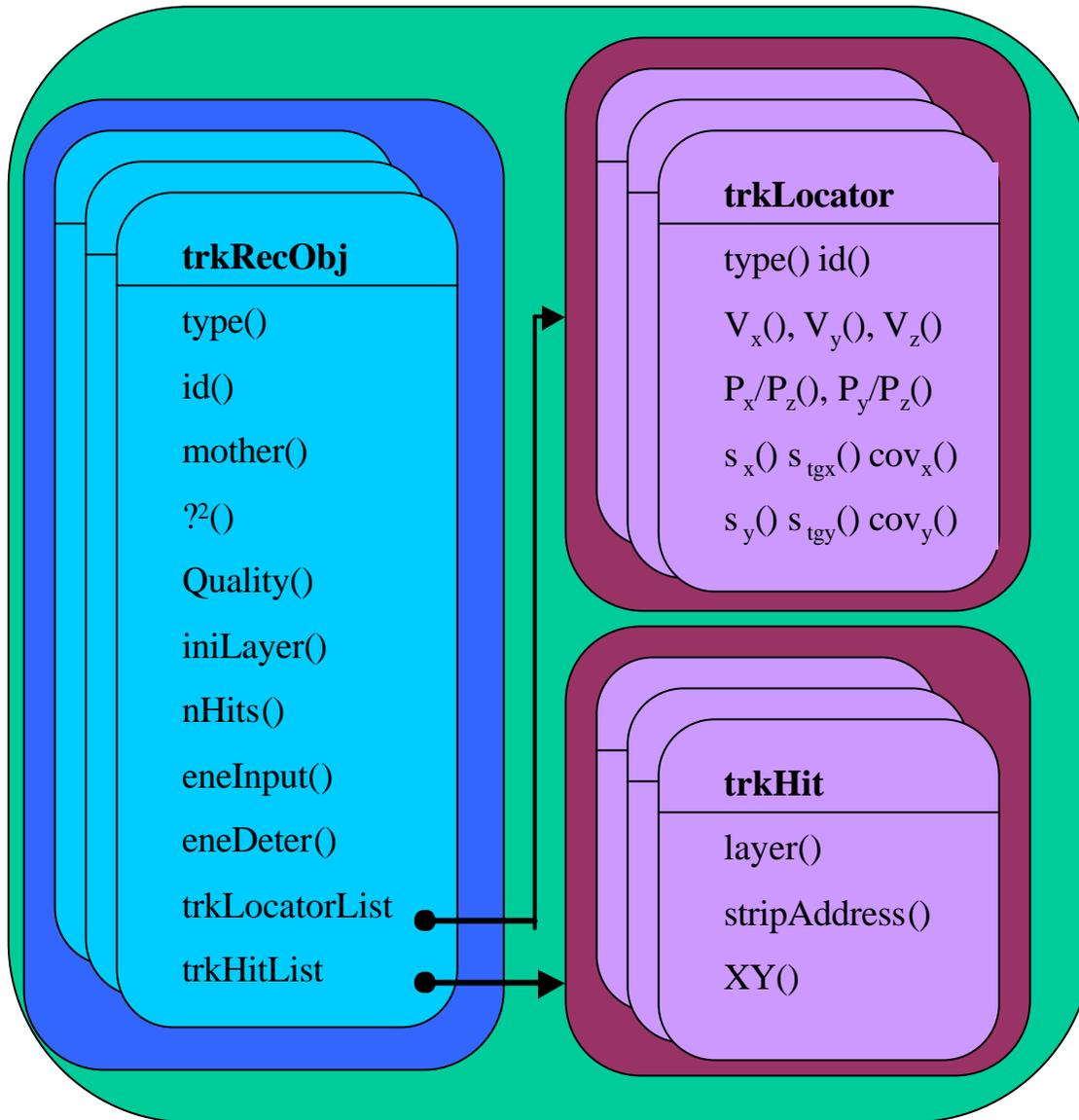
trkRecObj:

Tracker Reconstructed Object

types: gamma, track, …

mother: trkRecObj* to this object mother.

trkLocator

Track direction and error at a given position

types: vertex, tracker, ACD, cal

id: (ie: id layer for tracker)

trkHit

Si Strips ID and Layer

Flexibility:

trkLocatorList and *trkHitList* can be filled at convenience of the user