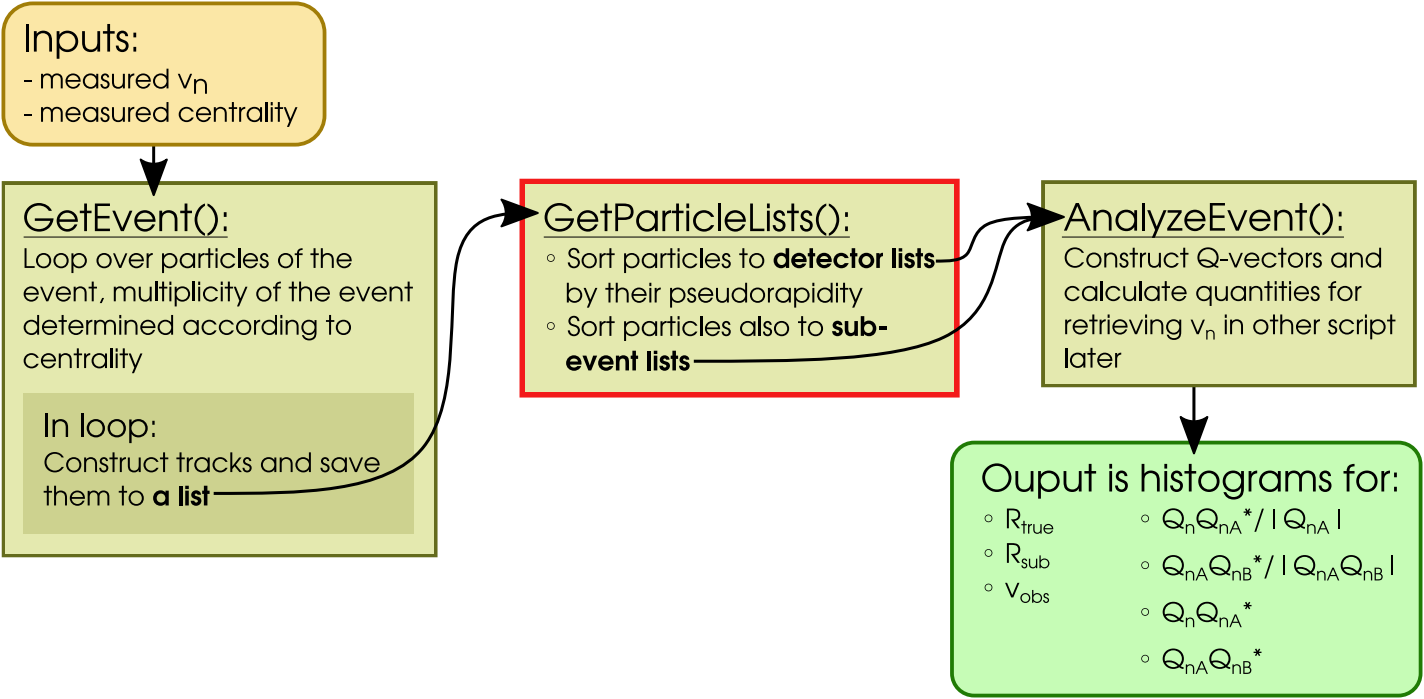
Inputs:
- measured v_n
- measured centrality
GetEvent():
Loop over particles of the event, multiplicity of the event determined according to centrality
In loop:
Construct tracks and save them to **a list**
GetParticleLists():
◦ Sort particles to **detector lists** by their pseudorapidity
◦ Sort particles also to **sub-event lists**
AnalyzeEvent():
Construct Q-vectors and calculate quantities for retrieving v_n in other script later
Ouput is histograms for:
◦ R_{true}
◦ R_{sub}
◦ v_{obs}
◦ $Q_n Q_{nA}^* / |Q_{nA}|$
◦ $Q_{nA} Q_{nB}^* / |Q_{nA} Q_{nB}|$
◦ $Q_n Q_{nA}^*$
◦ $Q_{nA} Q_{nB}^*$