

File decoded Sub_RUN_ana_SubrunID.root
in the folder data/raw_root/RunID



Sort the hits as a function of the count



Loop on the hits

THEN

Check the channel
IF channel = **trigger_channel**
THEN save the time in the array related to the LayerID



Save it in the hit collection
of the event

Compare the count of
the contiguos hits
IF the count is the same

ELSE

Assign the TP trigger time to the most frequent
time in the array related to the LayerID



Refer the **hit time** to the TP_tcoarse_Layer
 $hit_time = tcoarse_hit - TP_tcoarse_Layer$



Close the hit collection and
start a **new event**



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in the folder data/raw_root/RunID