

Status of VXDTF-related modules

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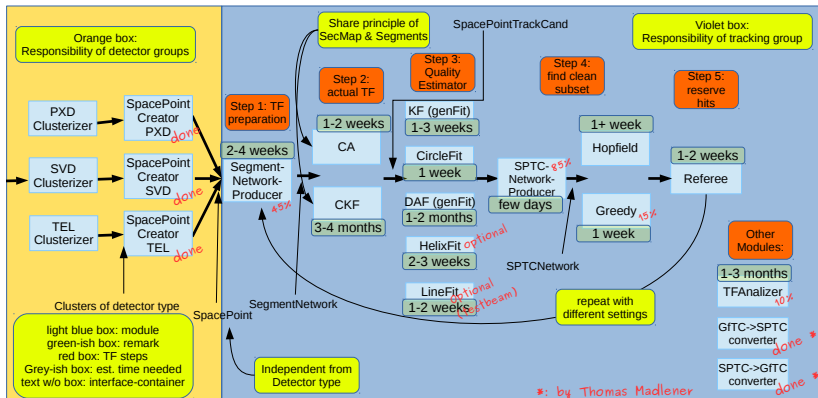
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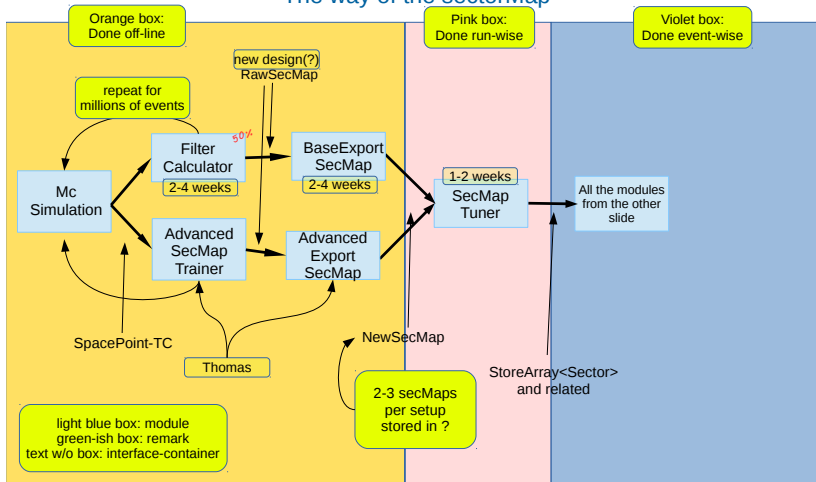
Future state of the trackFinderVXD-approach (event-part)



state of April 19th, 2015



The way of the sectorMap



Next proposed steps - state of F2F April 19th

- SPTCNetworkProducer
- TrackSetEvaluatorGreedy
- TrackSetEvaluatorHopfield
- if secMap not ready yet:
 - QualityEstimatorCircleFit
 - SpacePointReferee
- FilterCalculator/SecMapTrainerBase
- ExportSecMap/RawSecMapMerger
- SectorMapTuner
- SegmentNetworkProducer
- TrackFinderVXD CelloMat
- TrackFinderVXD ComboKalFit
- QualityEstimatorKalmanFilter
- QualityEstimatorDAF
- TrackFinderVXDAnalyzer, after finishing TrackSetEvaluatorModules mixed all in between

Next proposed steps - state of F2F May 9th

- done: *SPTCNetworkProducer*
- done: *QualityEstimatorRandom*
- done: *TrackSetEvaluatorGreedy*
- TrackSetEvaluatorHopfield (1 week) j- I am here
- FilterCalculator/SecMapTrainerBase (2-4 weeks)
- ExportSecMap/RawSecMapMerger (2-4 weeks)
- SectorMapTuner (1-2 weeks)
- SegmentNetworkProducer (2-4 weeks)
- TrackFinderVXD CelloMat (1-2 weeks)
- *changed: QualityEstimatorCircleFit* (1 week)
- *changed: SpacePointReferee* (1-2 weeks)
- TrackFinderVXDComboKalFit (3-4 months)
- QualityEstimatorKalmanFilter (1-3 weeks)
- QualityEstimatorDAF (1-2 months)
- TrackFinderVXDAnalyzer, after finishing TrackSetEvaluatorModules mixed all in between (1-3 months)