# Status of VXDTF-related modules

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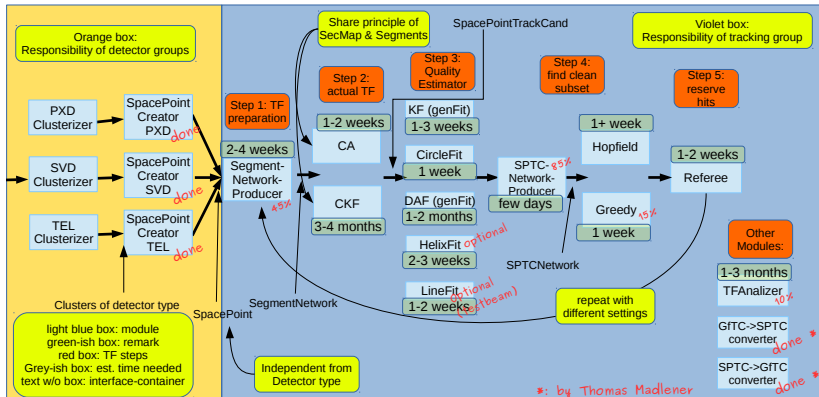
Institute of High Energy Physics
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July 8, 2015
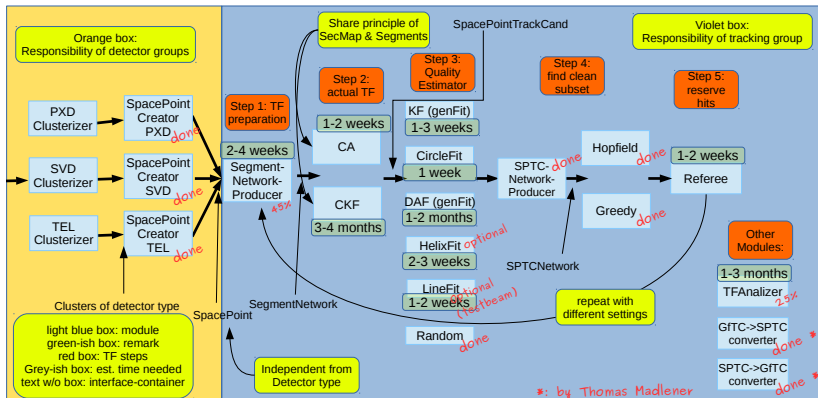
## **Future** state of the trackFinderVXD-approach (event-part)



state of April 19th, 2015

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



state of May 29th, 2015

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



state of July 10th, 2015

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Redesign
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next steps
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ÖAW

## Next proposed steps in planned order of execution - state of BWTM July 10th

- done: ~~SPTCNetworkProducer~~
- done: ~~QualityEstimatorRandom~~
- done: ~~TrackSetEvaluatorGreedy~~
- done: ~~TrackSetEvaluatorHopfield~~
- FilterCalculator/SecMapTrainerBase ( 2-4 weeks)
- ExportSecMap/RawSecMapMerger (2-4 weeks)
- SectorMapTuner (1-2 weeks)
- SegmentNetworkProducer (2 weeks)
- TrackFinderVXDCelloMat (1 week) ← *I am here*
- QualityEstimatorCircleFit (1 week)
- SpacePointReferee (1-2 weeks)
- TrackFinderVXDComboKalFit (0-18 weeks)
- QualityEstimatorKalmanFilter (1-3 weeks)
- QualityEstimatorDAF (4-9 weeks)
- TrackFinderVXDAnalizer, after finishing TrackSetEvaluatorModules mixed all in between (2 weeks)