Employing HPC for Heterogeneous HEP Data Processing

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Project Specification

project specification

Abstract

THIS IS MY ABSTRACT

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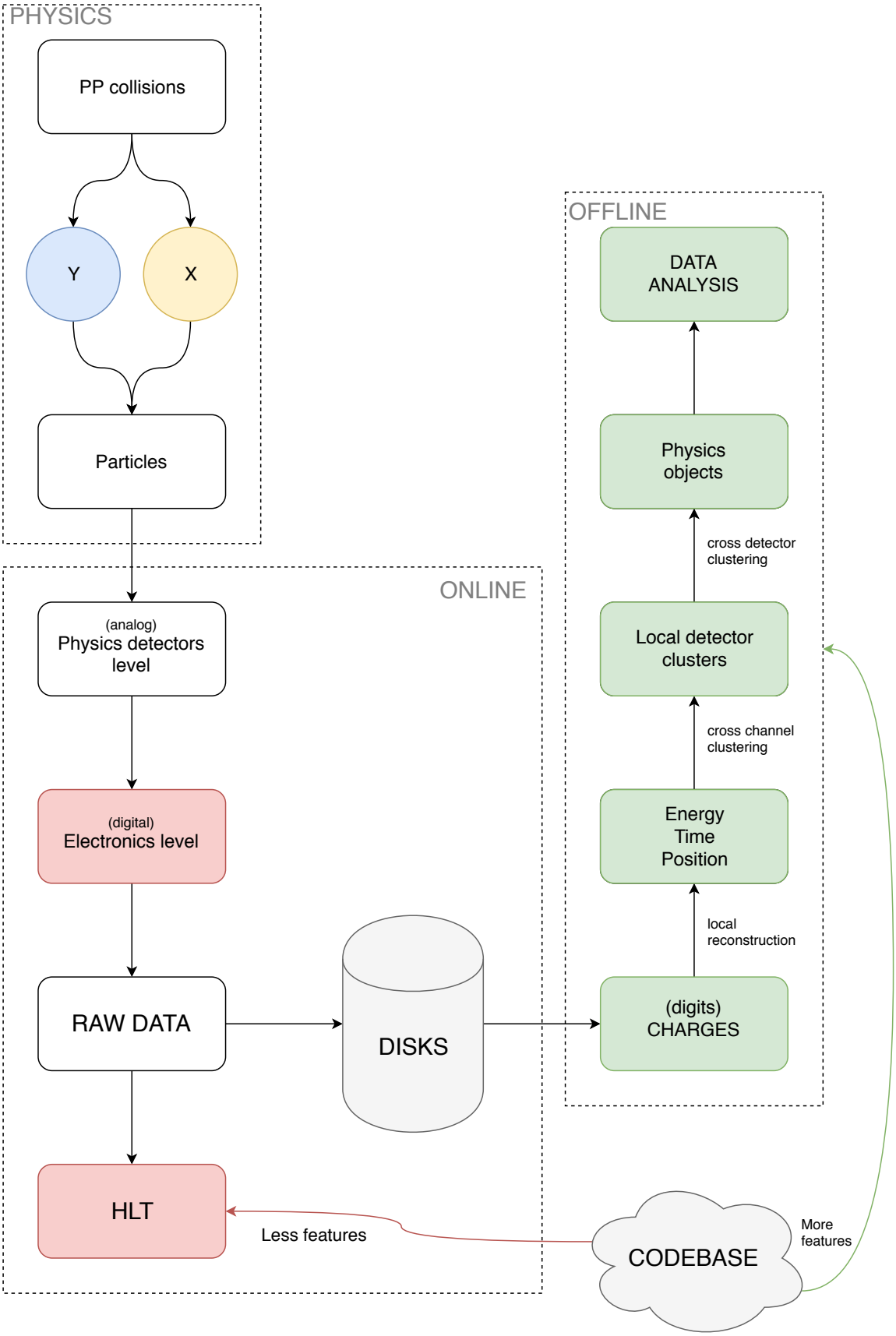
1. From physics to... Physics

Modern high energy physics (HEP) requires big data analysis. To make it possible several large scale objects are needed: from accelerators, detectors, data centers to the thousands of people involved to design and run the infrastructure. Here at CERN everything starts with physics by colliding particles and everything ends with the physics performed by analyzing the data acquired. But, to produce the necessary data, in the right amount, a long and complicated process is involved. It is worth to briefly describe it to understand the reason of our work and where is it place inside it.

Data generation

Figure 1.1: Cern data flow from collisions to analysis



2. Second chapter

3. Conclusions

Write your conclusions here.

Bibliography

A. My First Appendix

In this file (appendices/main.tex) you can add appendix chapters, just as you did in the thesis.tex file for the 'normal' chapters. You can also choose to include everything in this single file, whatever you prefer.