

Gaudi Workshop 2017

Introduction



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Context

During the last workshop...

- We convinced ourselves that the basic ideas of Gaudi are still-of-the-art
- Identified a few common todo-items to follow up over the year
- Wanted to go for radical changes even

Since then **a lot** happened within the collaborations

- ATLAS migrating their code to more parallelization
- LHCb working full steam towards the next run

A few things however did not happen

- More radical cleanups and interface changes suffered from both non-complete convergence on opinions and day-to-day work in experiments

We significantly diverged from the priorities set out last year
Less common, more ad-hoc than hoped for

This workshop

Plenty of ideas, prototypes and implementations around

Let's explain to each other what we came up with

Try to identify commonality again

Place ourselves into the context of the HSF activities

**Plenty of time for hackathons to test out new ideas and to reach
*design consensus with actual code***

**e.g. on the whiteboard the common data handle seemed resolved last
year...**

Agenda

- Monday Morning
 - Input and Summaries from Stakeholders
- Monday Afternoon
 - Analysis and Hackathon
- Tuesday Morning
 - Control and Data Flow
 - I/O
- Tuesday Afternoon
 - Conditions Handling
- Wednesday
 - Hackathon and Summary

This workshop is meant to be dynamic - if some ideas emerge from discussions there is plenty of room for short-notice “lightning talks”

Every idea not brought up this week, may be a lost opportunity!

Workshop Dinner

Given the still OK'ish weather we'd propose to have a barbecue at the LHCb site tomorrow afternoon / evening

Any volunteers to help us with the organization?

My Hope for this Workshop - almost the same as last year ;-)

Strengthen the team-spirit across the Gaudi user community

There is no shortage of smart and motivated individuals!

Strengthen the vision and common goals of the Gaudi project

In concrete

- Feed back experiments' experience into common Gaudi
- Identify which goals of last year are still valid
- Identify stakeholders to “fill the gaps” in the sketched design
- Define the most important design deliverables and timescales
- Have a list of features to push from experiment code to Gaudi

Welcome and enjoy the workshop!