

Contributing Gaudi to HSF

M. Clemencic

CERN - LHCb

January 20, 2015

LHCb possible contributions

- Gaudi
- Gaudi Plugin Service
- Packaging Tools
- xenv¹
- ...

¹ tool used for the runtime environment with CMake

Gaudi in HSF

We may profit from Gaudi in HSF:

- visibility
 - more users → more contributions
- integration
 - support one common packaging and distribution system
 - simpler access to external dependencies or other libraries
 - simplified user access (code, bug tracking, etc.)
- validation
 - integration with validation tools like Coverity
 - code review
- licensing
 - help with licensing issues

What and What Not

- Build System

OK to change

NOT OK to support many

- Ownership

OK to share

NOT OK to give away

Summary

- LHCb has always been happy to share. . .

Summary

- LHCb has always been happy to share. . .
- . . . but we do not have the manpower to support everybody

Summary

- LHCb has always been happy to share. . .
- . . . but we do not have the manpower to support everybody
- A high level of integration is needed

Summary

- LHCb has always been happy to share. . .
- . . . but we do not have the manpower to support everybody
- A high level of integration is needed
- HSF is a good opportunity: it should not be wasted
 - others may find what they are looking for
 - we may find help for development and support