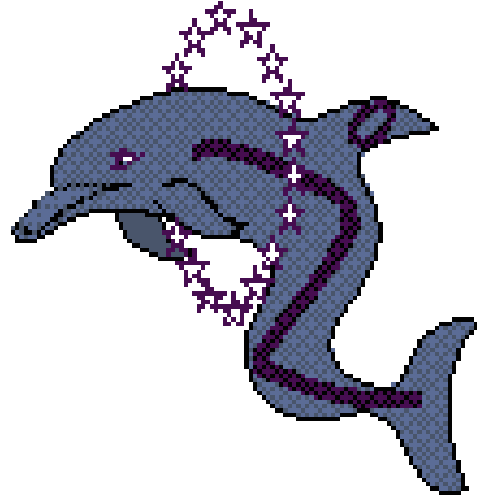




DELPHI status update



General status

- Source code in gitlab.cern.ch/delphi
 - Most modules have access restrictions to CERN users
 - Licensing to be clarified
- Binaries on [/cvmfs/delphi.cern.ch](https://cvmfs.delphi.cern.ch)
 - Initialise with `./cvmfs/delphi.cern.ch/setup.sh`
 - Automatic via HEPiX scripts for DELPHI users (group xx)
- Data on [/eos/experiment/delphi/castor2015](https://eos.cern.ch/experiment/delphi/castor2015), with a dual copy backup on CTA
 - Data access is (still) restricted to DELPHI users (group xx)

General status

Available modules on DELPHI cvmfs:

- CERNLIB (community version without any patches)
- Analysis framework, DSTANA
- Reconstruction code, DELPHI event server (DES)
- Detector Simulation and reconstruction, short DST creation (MC production framework)
- Event display
- C++ analysis framework (IDEA)

Updates since our last meeting

- Entirely switched to community CERNLIB
 - Both imap and cmake builds
- Improvements on the CI
 - Major review ongoing right now
 - Profit from the work which was recently done for OPAL
- Further improvements on event display
 - Profit from the work done for OPAL, e.g. re-adding some functionality which was disabled due to missing functions in OpenPhigs
 - Follow up of issues with specific graphics cards
 - Works fine with X11 forwarding (but this is slow)
 - Works fine with NVIDIA cards with NVIDIA drivers, some other cards and drivers have issues

Updates since our last meeting

- Review of matrix of supported builds
 - Added Debian 12 (x86_64)
 - Added Alma 8 and Alma 9 builds x86_64 and AARCH64
 - Dropping CentOS Stream 8 and 9 (ongoing)
 - Dropping CentOS 7 i386 builds
- Functional changes
 - Attempts to revive database access tools
 - Which originally were not supported on Linux as they use Fortran language extensions
 - Early days ...
- **Internal note** with the changes since 2000

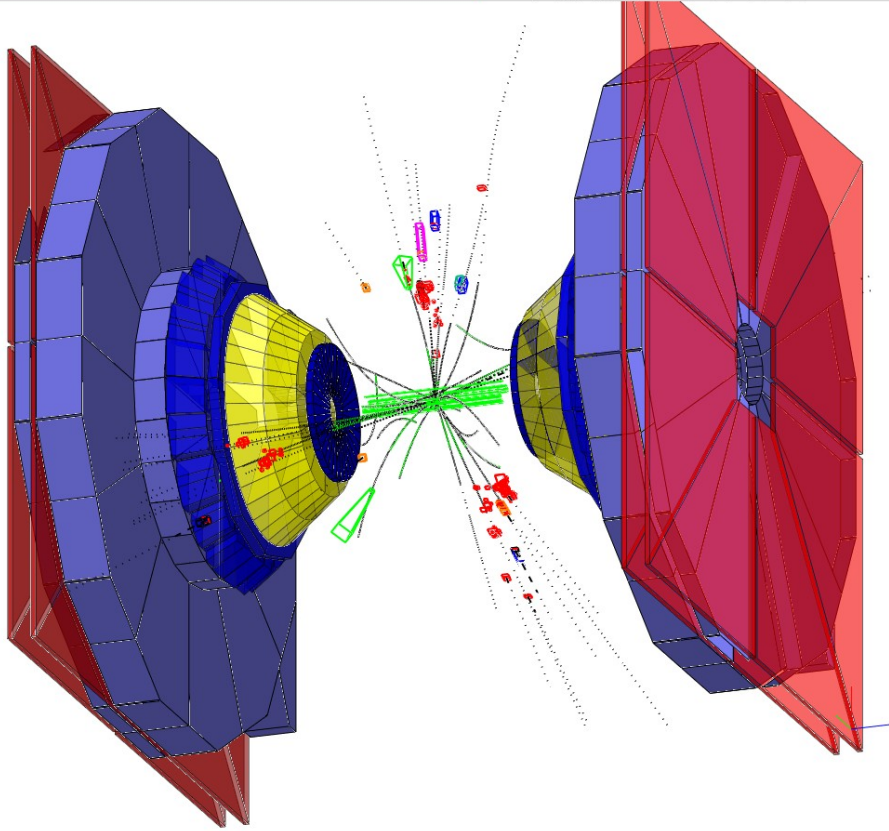
Open Data

- A query was made to the collaboration board by our former colleague Gerald Myatt
 - Review of data access policies in DELPHI
 - Software to read this
- The majority voted for opening the data
 - The CB has been informed of the outcome of the vote
 - There will be some constraints
 - Details and implementation of this decision is pending
 - Ideally, we should have something in common for all LEP experiments



DELPHI Run: 109187 Evt: 3066
Beam: 103.0 GeV Proc: 20-Jul-2022
DAS: 23-Apr-2000 Scan: 26-Apr-2023
09:44:08 Ton+DST

	TD	TE	TS	TK	TV	ST	PA
Act	0	288	0	48	0	0	0
	(202	1288	0	0	48	0	0
Deact	0	0	0	0	0	0	0
	(0	0	0	0	0	0	0





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