


3.4.7 Archive of cmsShow release notes

Complete: 

- **2011-03-09:** cmsShow-3.11-2 released
 - ◆ Add options for track splitting in RhoZ projections.
 - ◆ Change DataFormats version to CMSSW_3_11_2.
- **2011-02-24:** cmsShow-3.11-1 released
 - ◆ Support usage of TriggerResults from all processes in event filtering.
 - ◆ Fish-eye transformation for projected views.
 - ◆ Support multiple detail views.
 - ◆ Show current file and event index in window title-bar.
- **2011-02-03:** cmsShow-3.11-stable released
 - ◆ Use 3_11_0 data-formats.
 - ◆ Fix problem with scaling of MET objects (note that some MET collections do have E != Et).
 - ◆ Improve calorimeter energy scale determination for projected views.
- **2010-12-17:** cmsShow39-patch1 released
 - ◆ Do not show HO contribution to CaloTower in HCal purpose - provide special "HCal Outer" purpose for that.
 - ◆ Fix inactive filter-entry problem in "Event Filter" dialog. This only occurred when configuration was reloaded.
- **2010-12-06:** cmsShow39-stable released
 - ◆ Several minor improvements and bug-fixes.
- **2010-11-25:** cmsShow39-beta2 released
 - ◆ Updated ParticleFlow visualization: new "PF Lego" and "PF RhoPhi" views showing ECal RecHits (purpose PFEcalRecHit).
 - ◆ Fix flickering of table-views.
 - ◆ Add "Invariant mass dialog" (available from "Window" menu).
 - ◆ Improved debug option -- attach gdb on terminal signal.
- **2010-10-29:** cmsShow39-beta released
- **2010-09-29:** cmsShow39-alpha made available for download

cmsShow38

Release highlights:

- addition of iSpy view;
 - ◆ ability to show calorimeter rec-hits & clusters;
 - ◆ ability to show muon rec-hits;
- addition of LVL1 / Tech trigger table view;
- addition of HF lego view;
- addition of calo-tower detail view;
- visualization of particle-flow objects;
- cross-view highlight;
- detailed calo-tower feedback / tooltip;
- most EDM collections can be viewed in table view;
- improved configuration file format;
- configuration reload at runtime, e.g. ispy.fwc;
- filtering in dialog for adding collections;
- add control of transparency for collections and objects.

There are no known major issues or known bugs so please report any problems to hn-cms-visualization or fill out a bug report in savannah <https://savannah.cern.ch/projects/fireworks/>.

ChangeLog

- **2010-09-06:** cmsShow38-patch1 released
 - ◆ Workaround for ROOT bug in number entry that prevented specifying of event-id containing more than nine digits.
 - ◆ Add checks for existence of track-extra information for muons.
- **2010-09-01:** cmsShow38-stable released
 - ◆ Update data-formats to 3_8_2.
 - ◆ Small fixes in ROOT 3D graphics (drawing of calo-towers).
- **2010-08-20:** cmsShow36-patch1 released
 - ◆ Fix a problem in track propagation. This affected propagation of muons when magnetic field was zero (cosmics).
 - ◆ Several significant optimizations of object management were implemented. Simulated heavy-ion data was used for performance testing.
- **2010-07-21:** cmsShow36 released
 - ◆ Add tooltips and improve legend of Track detail-view.
 - ◆ Fix positioning of RPC rec-hits -- chambers themselves are not drawn as correct geometry is not available.
 - ◆ Increase precision of the default track-propagator from 1mm to 0.1mm.
 - ◆ Read coil current needed to scale the magnetic field from data-file when available (present for files produced with 3_6).
- **2010-06-22:** cmsShow36-beta-3 released
 - ◆ Linux tarball was still shipped with 3_6_1_patch4 data-formats.
 - ◆ Improved particle-flow configuration.
 - ◆ Improved scaling of particle-flow objects in lego-view.
 - ◆ Allow viewing of calo-towers and particle-flow particles in the same lego-view.
 - ◆ Make muon chambers assigned to a track transparent.
 - ◆ Add optional axis guides - enable them from the view controller dialog.
 - ◆ Improved legends, colors and tooltips in detail-views.
 - ◆ Fix display of pixel-tracks.
 - ◆ Fix display of Si-strip barrel modules attached to a track.
 - ◆ Add detailed controls for event handling in GL windows (to be put in rootrc):


```
OpenGL.EventHandler.ArrowKeyFactor: 1.0
OpenGL.EventHandler.MouseDragFactor: 1.0
OpenGL.EventHandler.MouseWheelFactor: 1.0
```
- **2010-06-18:** cmsShow36-beta-2 released
 - ◆ Update FWlite to tag CMSSW_3_6_3 (was 3_6_1_patch4 before).
 - ◆ Add control of transparency for collections and objects.
 - ◆ Fix placement of windows when restoring configuration (problem with determination of title-bar height).
 - ◆ Add prescale column to LVL1 trigger table.
 - ◆ Add option to switch from scene-centric to viewer-centric controls in GL viewer. To switch from default, put the following line into your ~/.rootrc:


```
OpenGL.EventHandler.ViewerCentricControls: 1
```
- **2010-06-11:** cmsShow36-beta-1 released
 - ◆ Update ROOT shipped in the tarball to avoid crashes due to missing dictionaries.
 - ◆ Update pflow.fwc to include PF MET.
- **2010-06-10:** cmsShow36-beta released

Review status

Reviewer/Editor and Date (copy from screen)	Comments
AntonioMorelosPineda - 17 Apr 2013	Upgrade to workbook style

MatevzTadel -06 Dec 2010	Created.
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Detailed comments 17-Apr-2013 [▢](#) Hide [▾](#)

Upgrade to workbook style, A.Morelos,17-Apr-2013

Responsible: MatevzTadel

Last reviewed by: AntonioMorelosPineda - 17 Apr 2013

This topic: CMSPublic > WorkBookFireworksOldReleaseNotes

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