

## Verification steps for the CMS event-builder software

*Tuesday, September 29, 2015 11:30 AM (15 minutes)*

The CMS event-builder software is used to assemble event fragments into complete events at 100 kHz. The data originates at the detector front-end electronics, passes through several computers and is transported from the underground to the high-level trigger farm on the surface. I will present the testing and verifications steps a new software version has to pass before it is deployed in production. I will discuss the current practice and possible improvements.

### Availability

Both days

### Will you need the training center (Workshops)?

No

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