

Data Quality from the Detector Control System at the ATLAS Experiment.

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At the ATLAS experiment, the Detector Control System (DCS) is used to oversee detector conditions and supervise the running of equipment. It is essential that information from the DCS about the status of individual sub-detectors be extracted and taken into account when determining the quality of data taken and its suitability for different analyses.

DCS information is written online to the ATLAS conditions database (COOL) and then summarised to provide a status flag for each sub-detector and displayed on the web. We discuss how this DCS information should be used, the technicalities of making this summary, and experience in running the tool during the period of cosmic ray data taking in 2008.

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