



Sample Project: Web software development for the ATLAS Detector Control Data Viewer

Code	EP1328
Programme	FCT
Department	EP
Responsible	98394 - Dr. Stefan Schlenker
Created by	98394 - Dr. Stefan Schlenker
Updated by	96245 - Mr. Vasco Miguel Chibante Barroso
Date Created	17-AUG-09
Date updated	17-AUG-16

Title

Web software development for the ATLAS Detector Control Data Viewer

Description

The successful candidate will contribute to the development of a software project for visualization of data from the detector control system (DCS) of the ATLAS experiment. The DCS Data Viewer (DDV) project will enable all ATLAS collaborators to access the detector conditions world-wide using a web-based graphical user interface, accessing the data from an Oracle database. The interface will further be used by detector control experts to visualize and diagnose detector problems in and outside of the ATLAS control room. The candidate will be part of the DDV project team responsible for the prototype development and the commissioning of the software package during regular ATLAS operations.

Skills

Information Technologies: Building web applications (e.g. with jQuery, HTML5), Using software development tools (e.g. Git, Jira, Trac), Using web application frameworks (e.g. Django, GWT, APEX). Programming Languages: Java, Javascript, Python

Disciplines

Information Technologies

To edit this project go to https://hrapps.cern.ch/auth/f?p=131:4:::::P4_ID:1328