Published on *CERN openlab* (http://test-static-05.web.cern.ch)

Non-Intrusive User Interaction Monitoring for WinCC OA based Applications [1]

Date published:
Tuesday, 1 September, 2015
Document type:
Summer student report
Author(s):
S. Gupta
Abstract WinCC OA is a SCADA (Supervisory Control and Data Acquisition) system tool that is used to develop the Control System applications. As most of the control systems used in CERN are developed in WinCC OA, it is better useful to understand how the applications developed by EN/ICE are actually used by the different operators .It becomes more and more important to monitor users? behavior and analyzing it. The final goal of this project is to develop a generic WinCC OA component to collect data about user interaction which will take advantage of (1) the internal mechanisms already present in WinCC OA to monitor some user interactions such as the internal UI data points; and (2) the commonalities of applications through the use of the standard frameworks JCOP, UNICOS and CPC. The final component developed provides the capability of storing as well as displaying user interaction data on a single timeline. Keywords: WinCC OA, SCADA, JCOP, UNICOS, CPC
Report on ZENODO:
Document on ZENODO [2]

- Visit Us
- RSS Feeds

Links
[1] http://test-static-05.web.cern.ch/publications/technical_documents/non-intrusive-user-interaction-monitoring-wincc-oa-based
[2] http://zenodo.org/record/33583