Site Sonar - WLCG Monitoring Tool



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Project Objective

Create a framework for collecting, storing and querying information of computing nodes across ALICE Grid Sites in the WLCG

How It Works

- Run a single job across all the Grid sites
- Collect the job results to a database
- Present the data in a website and a CLI Tool

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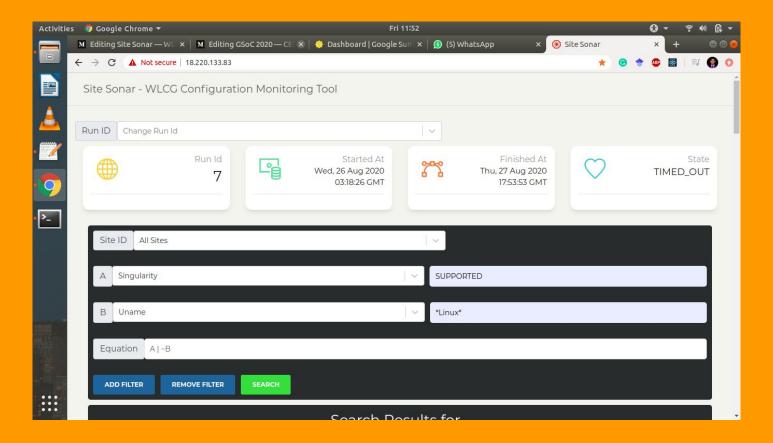
Components

- Site Sonar Job Submission Tool
- Site Sonar MonAlisa Client
- Site Sonar Web and CLI Interfaces -

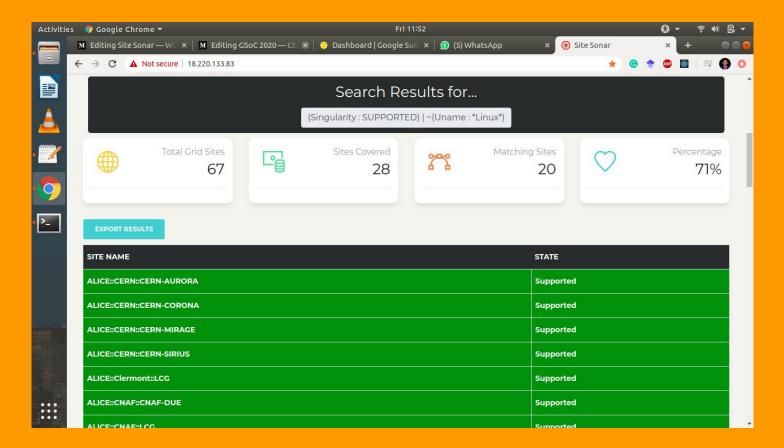
information

- Automate the job submission
- Automate the job results collection
- Allow querying and filtering collected

Previews



Previews



Previews

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		kalana@kalana-X556UB:\$ cd CERN/site-sonar kalana@kalana-X556UB:\$(CERN/site-sonar.) site-sonar.py summary -r 7 2020-08-28 11:54:38,855 INFO Site Sonar application started 2020-08-28 11:54:39,962 DEBUG Starting new HTTP connection (1): 18.220.133.83:80 2020-08-28 11:54:40,736 DEBUG http://18.220.133.83:80 "GET /all_sites HTTP/1.1" 200 9646 2020-08-28 11:54:40,743 DEBUG Starting new HTTP connection (1): 18.220.133.83:80 2020-08-28 11:54:41,451 DEBUG http://18.220.133.83:80 "POST /jobs HTTP/1.1" 200 1964											
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Thank You