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simple web-scraping tool for state of health monitoring within Covid19 times

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The COVID-19 quarantine accelerated remote work (teleworking), especially in terms of operations and maintenance and the state of health (SoH) for critical systems, such as the real time data acquisition, the authentication, the energy supply and transmission. These were the main variables to monitor from home. Being connected 24 hours to Grafana from our houses was not possible, therefore we coded a small web-scraping tool ensembled with optical character recognition to write simple log files sent by email to be reviewed by Station Operator in near real time. After testing the code during the most critical times (May to September, 2020) we decided to preserve as a main tool for our routine, for the future a graphical interface will be designed.

Promotional text

The remote working speed up the digital migration, however in some regional context the homes were not ready having a laptop for each member of family, Revieing the SoH at certain hours automatically helped us a lot.

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