Appmon: a tool for monitoring of application jobs

T2.1 *Subtask:*
Monitoring of application jobs

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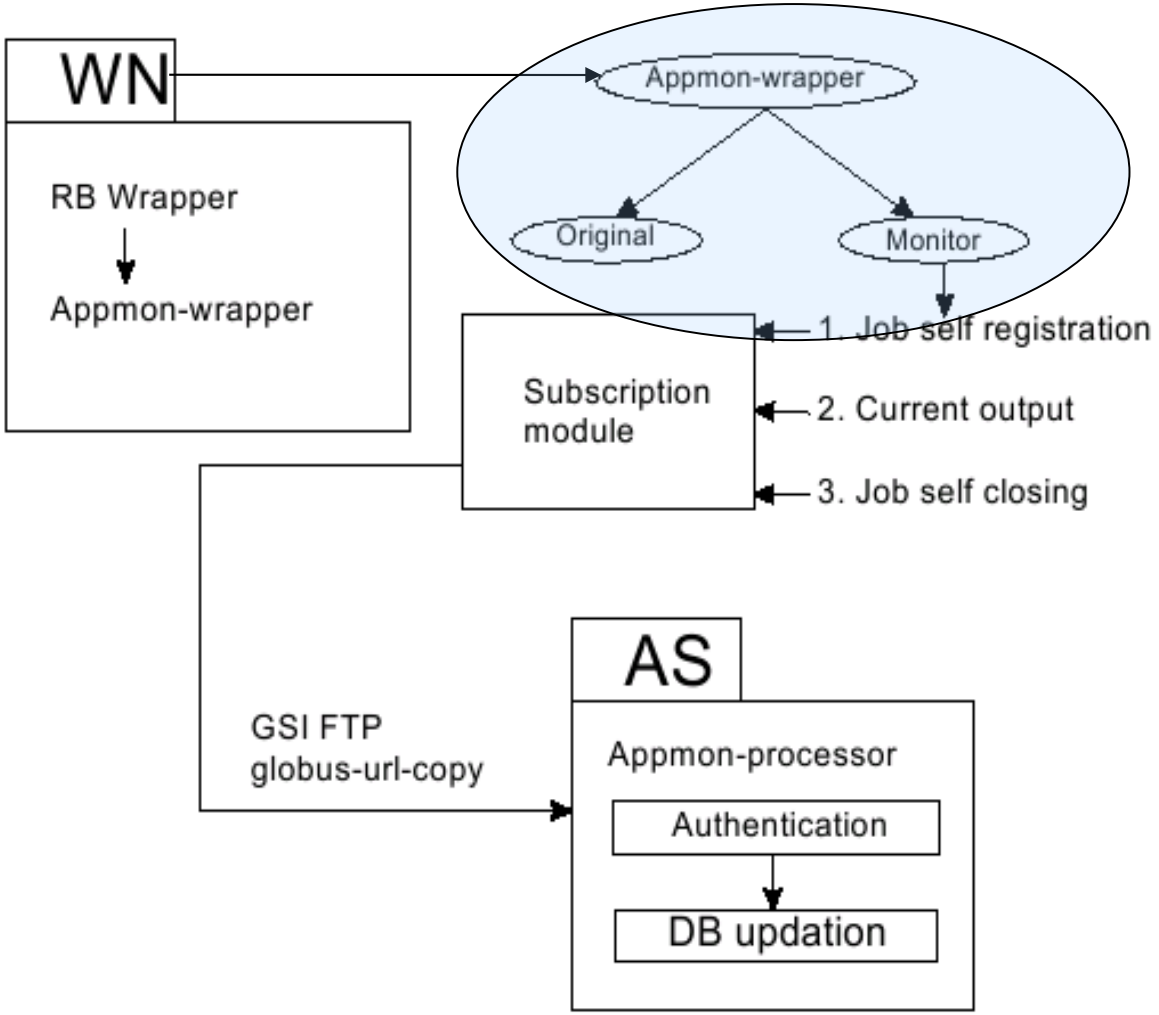
Subtask T2.1 : Monitoring of application jobs

- Existing LCG job-monitoring system offers information only about a few discrete states of a job in grid (e.g., *submitted, active, done*);
- output and error messages can be obtained only after completion of job execution.
- Suggested extension allows users to have intermediate job output (through time intervals specified by users) for detailed job execution control

T2.1: Monitoring of application jobs (2)

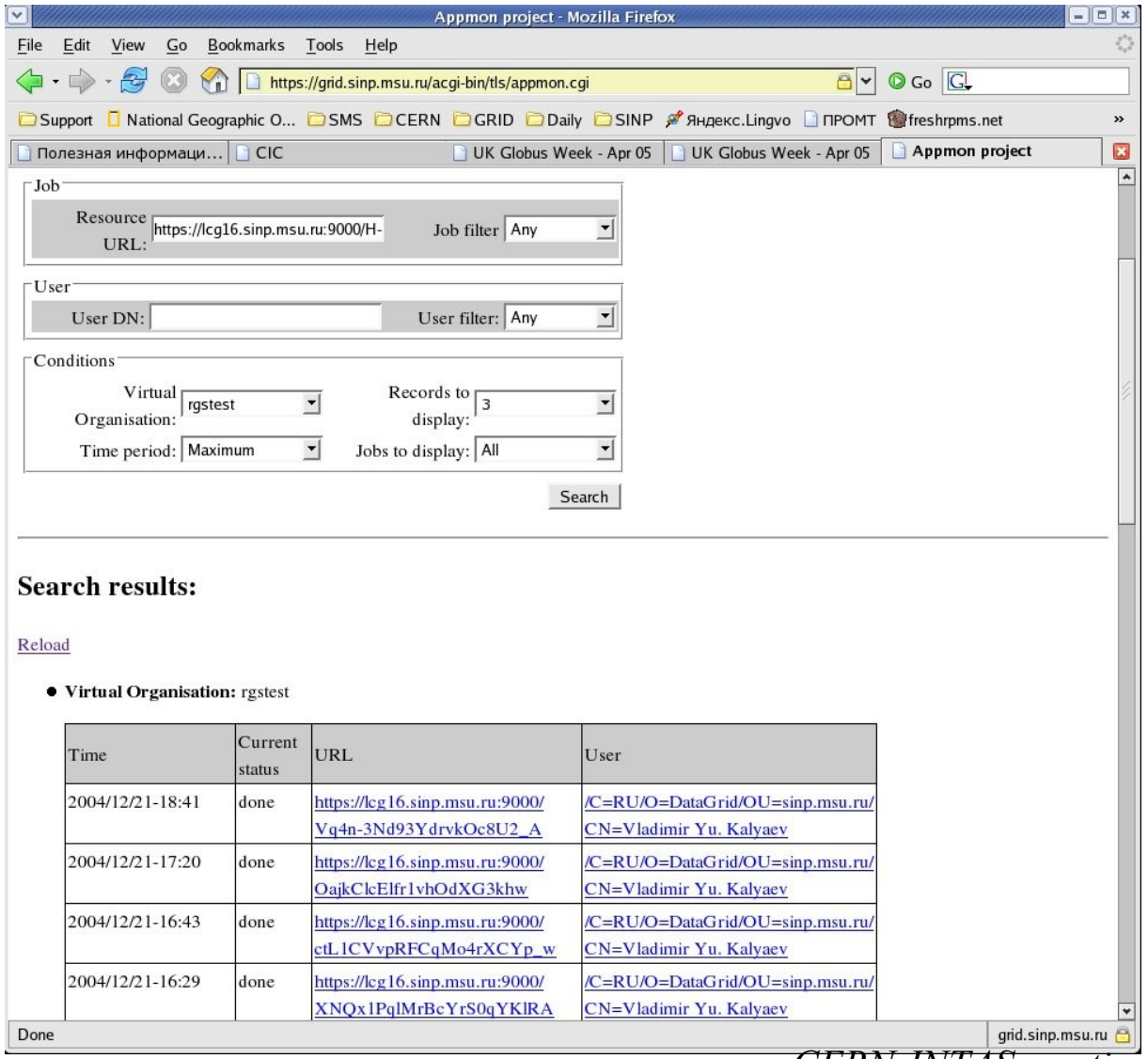


T2.1: Monitoring of application jobs (3)

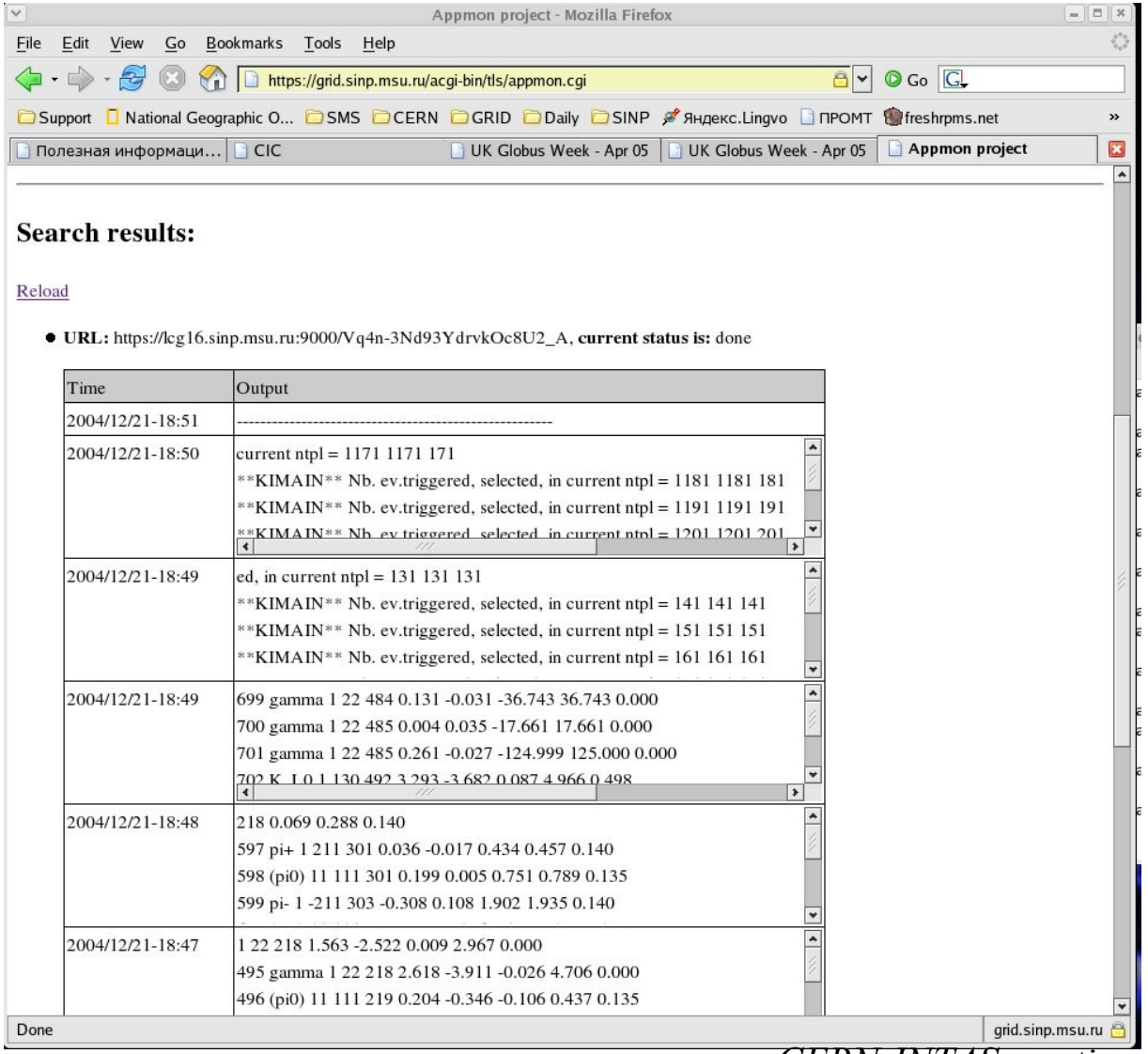
- No LCG MW modification required (wrappers + additional server);
- Access to the intermediate job output via Web-interface;
- Authorization is based on the standard GSI certificates and proxy certificates
- Starting Web-page for interested users (with instructions):

http://grid.sinp.msu.ru/acgi-bin/welcome.cgi

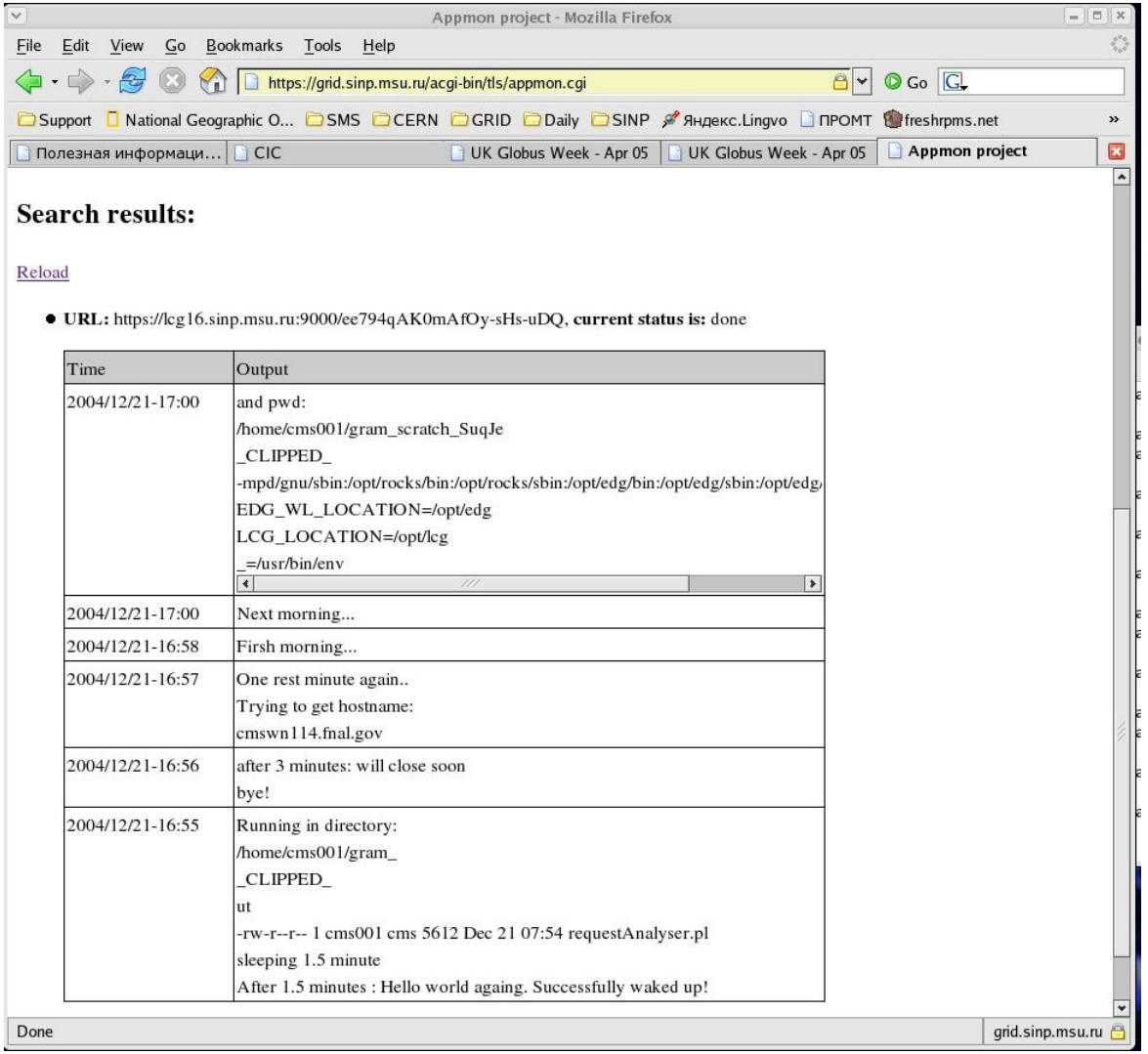
T2.1: Monitoring of application jobs: Web-interface



T2.1: Monitoring of application jobs: Web-interface (2)



T2.1: Monitoring of application jobs: Web-interface (3)



Filters

- User has possibility to add castom filter which permit to select from full stdout/stderr flow the interesting information.
- User just provides a script/binary in the format: