Contribution ID: **36** Type: **not specified**

System of HPC content archiving

Thursday, 1 October 2015 15:35 (15 minutes)

This work is aimed to develop a system, that will effectively solve the problem of storing and analyzing files containing text data, by using modern software development tools, techniques and approaches.
The main challenge of storing a large number of text documents defined at the problem formulation stage, have to be resolved with such functionality as full text search and document clustering depends on their contents.
Main system features could be described with notions of distributed multilevel architecture, flexibility and interchangeability of components, achieved through the standard functionality incapsulation in independent executable modules.

Summary

We propose flexible and efficient system for storing and analyzing files based on distributed multilevel architecture.

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Session Classification: Computations with Hybrid Systems (CPU, GPU, coprocessors)