Continuous Integration (CI) - Feature #14303

Implement a procedure to avoid that jobs exceed resource requirements

10/27/2016 02:01 PM - Vito Di Benedetto

Status:	Closed		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:	Vito Di Benedetto		**% Done:**	100%
Category:			**Estimated time:**	0.00 hour
Target version:	v1_0_0		**Spent time:**	4.00 hours
Experiment:			**Stakeholders:**	

Description

This issue is to have a procedure that monitors the resource usage of the experiment script.
The resource to monitor are: execution time, memory usage, disk usage.
If the job reach 99% of the required resources, the process need to be killed to avoid the get the jobs held.
The experiment script will return different exit codes depending on the resource that triggered the process to be killed.

History

#1 - 10/27/2016 02:01 PM - Vito Di Benedetto

- Tracker changed from Task to Feature

#2 - 10/27/2016 03:36 PM - Vito Di Benedetto

- Assignee set to Michele Fattoruso

#3 - 12/30/2016 12:57 PM - Vito Di Benedetto

- Assignee changed from Michele Fattoruso to Vito Di Benedetto

- % Done changed from 0 to 40

The check about the expected_lifetime is complete

#4 - 01/06/2017 04:37 PM - Vito Di Benedetto

- Status changed from New to Work in progress

#5 - 01/12/2017 07:34 PM - Vito Di Benedetto

- Status changed from Work in progress to Resolved

- % Done changed from 40 to 100

The DAG structure used doesn't require all jobs survive.

#6 - 01/31/2017 02:59 PM - Vito Di Benedetto

- Status changed from Resolved to Closed

#7 - 02/02/2017 09:17 AM - Vito Di Benedetto

- Start date deleted (10/27/2016)

#8 - 02/02/2017 09:18 AM - Vito Di Benedetto

- Parent task deleted (#13748)