Toward a stand alone distributed management system

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Generalization of SuperB distributed production system as stand alone, general purpose infrastructure to accomplish small and medium VO requirements

oggi parliamo di:

- STATO DEI LAVORI: SVILUPPO jobmonitor



STATO DEI LAVORI

SVILUPPO



incluse le funzionalità di apertura, chiusura e cancellazione di produzioni

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job monitor

form di selezio
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form di selezione filtri di ricerca su finestra modale "flottante"

filtri:

prodseries
job parameters
uid
job runnums - status - error code
last n jobs
submitted/running from more than n hours
site

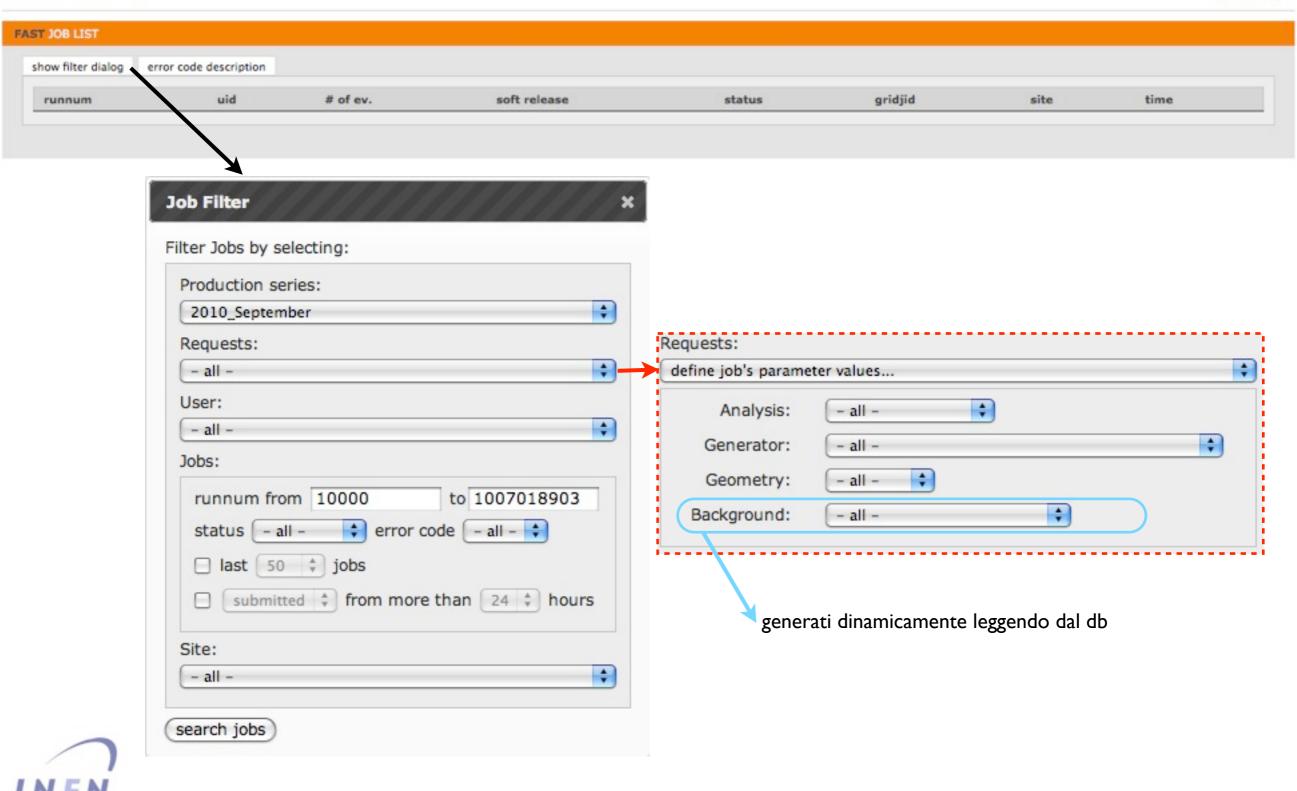
click sul runnum : mostra il dettaglio del job (campi, file di output, file di log)
nascondi/visualizza colonne
- valutare una soluzione server-side per data Tables
- probabili maggiori prestazioni (ma da verificare)
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- maggiori difficoltà nella personalizzazione (da valutare)



Job Monitor

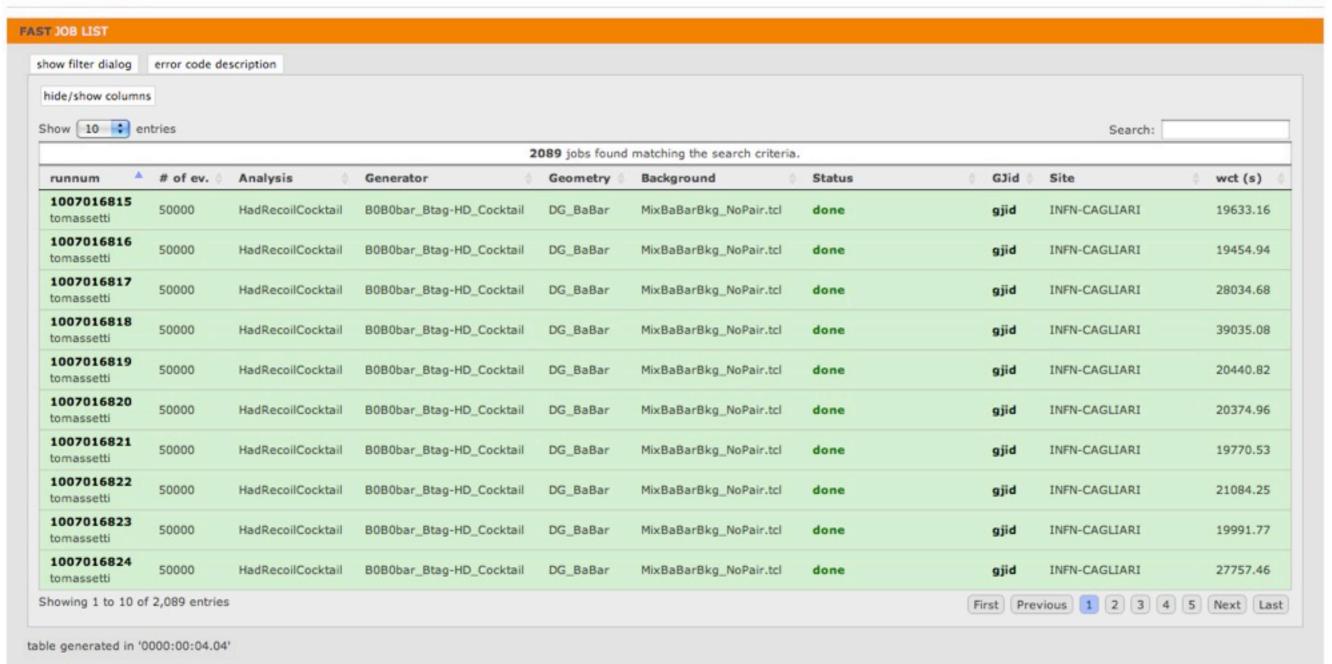
Job Monitor [Fast]



meeting 6 maggio 2011

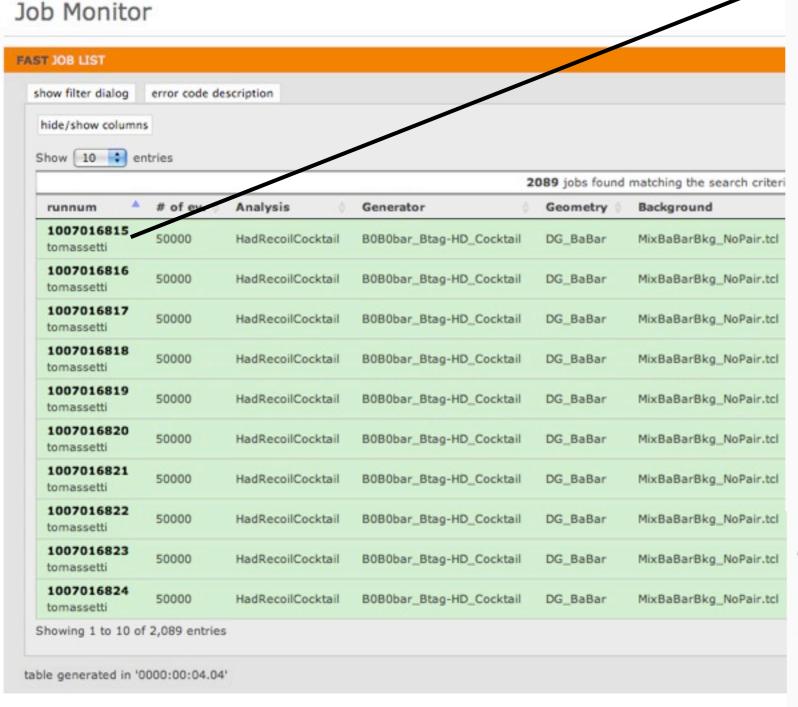
Job Monitor - Risultato

Job Monitor [Fast]





Job Monitor - Show job details/output/log







Job Details (2010_September, 1007016815)

Field	Value
runnum	1007016815
prod_series	2010_September
soft_release	V0.2.5 311
site	INFN-CAGLIARI
request_name	dummy_request
status	done
grid_job_id	https://albalonga.cnaf.infn.it:9000/A6F9GIH4LHYIJMPIIdFlcg
status_reason	
event_num	50000
time	2010-09-24 00:25:36
wct	19633.16
ce	
ts_prepared	2010-09-23 18:41:47
ts_submitted	2010-09-23 18:42:21
ts_running	2010-09-23 18:44:22
uid	tomassetti
PRODSCRIPT	HadRecoilCocktail
GENERATOR	B0B0bar_Btag-HD_Cocktail
DG	DG_BaBar
TCL	MixBaBarBkg_NoPair.tcl

Job's Output

channel_type	location_path	file_name	size	
HadRecoil	/storage/gpfs_superb/prod/2010_September /FastSim/HadRecoilCocktail/DG_BaBar/B0B0 bar_Btag-HD_Cocktail/1007016815	HadRecoil.root	14.004 mb	V

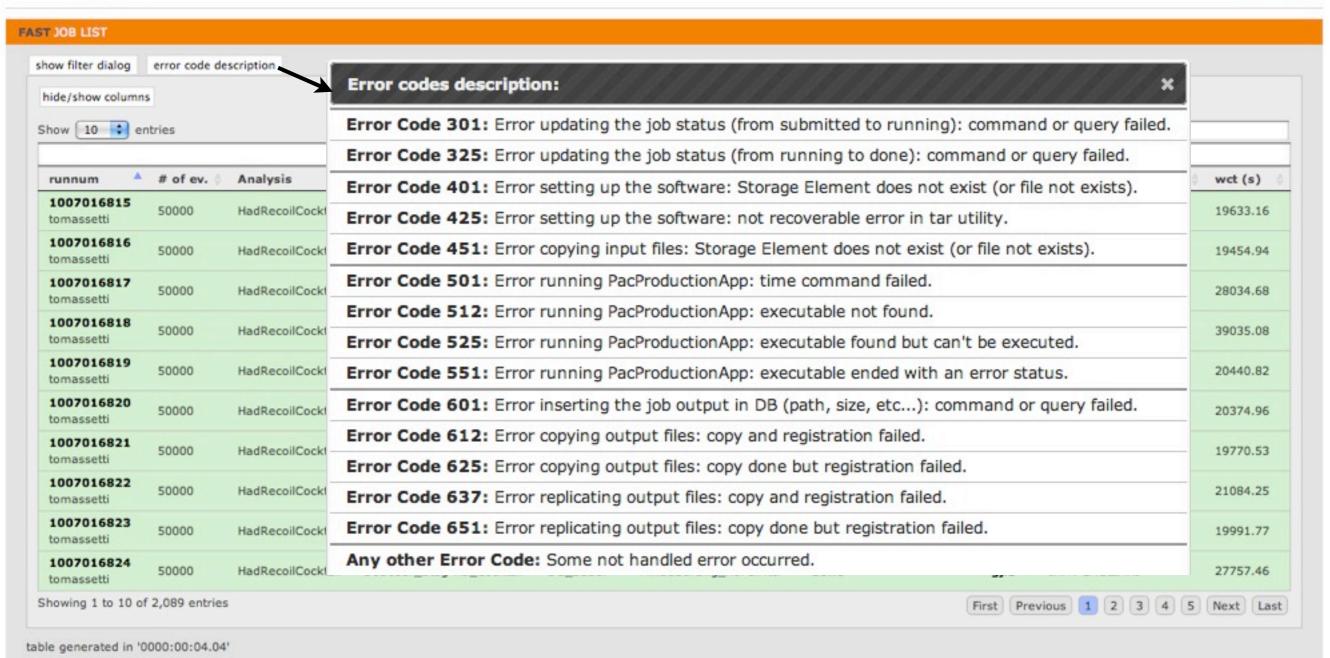
Job's Log

/storage/gpfs_superb/prod/2010_September/FastSim/HadRecoilCocktail/DG_BaBar/B0B0bar_Btag-HD_Cocktail/log/run1007016815.log

VO SUPERBVO ORG SW DIR=/opt/exp soft/superbvo VO_SUPERBVO_ORG_DEFAULT_SE=grid003.ca.infn.it HOSTNAME-whoall LFC BOST=lfcserver.cnaf.infn.it DPM HOST=grid003.ca.infn.it HOSTTYPE-X86_64 LSB BOSTS-wncall DBHOST-bbr-serv09.cr.cnaf.infn.it DPNS_HOST=grid003.ca.infn.it GLITE HOST_KEY=/opt/glite/home/glite/.certs/hostkey.pem LSB SUB HOST-grid002 LSB MCPU HOSTS-wncall 1 GLITE_HOST_CERT=/opt/glite/home/glite/.certs/hostcert.pem LCG LOCATION=/opt/log LCG_GFAL_INFOSYS=egee-bdii.cnaf.infn.it:2170 GANGA_LCG_VO-superbvo.org HOSTNAME-wncall.ca.infn.it Linux wncall.ca.infn.it 2.6.18-194.11.4.el5 #1 SMP Tue Sep 21 05:04:09 EDT 2010 x86_64 x86_64 x86_64 GNU/Linux wmlocaldir: /opt/glite/home/superbvo005/globustmp.wncall.28548.0/https_3a_2f_2falbalonga.cnaf.infn.it_3a9000_2fA6F9GlH4LHYIJMPIldF1

Job Monitor - Error codes

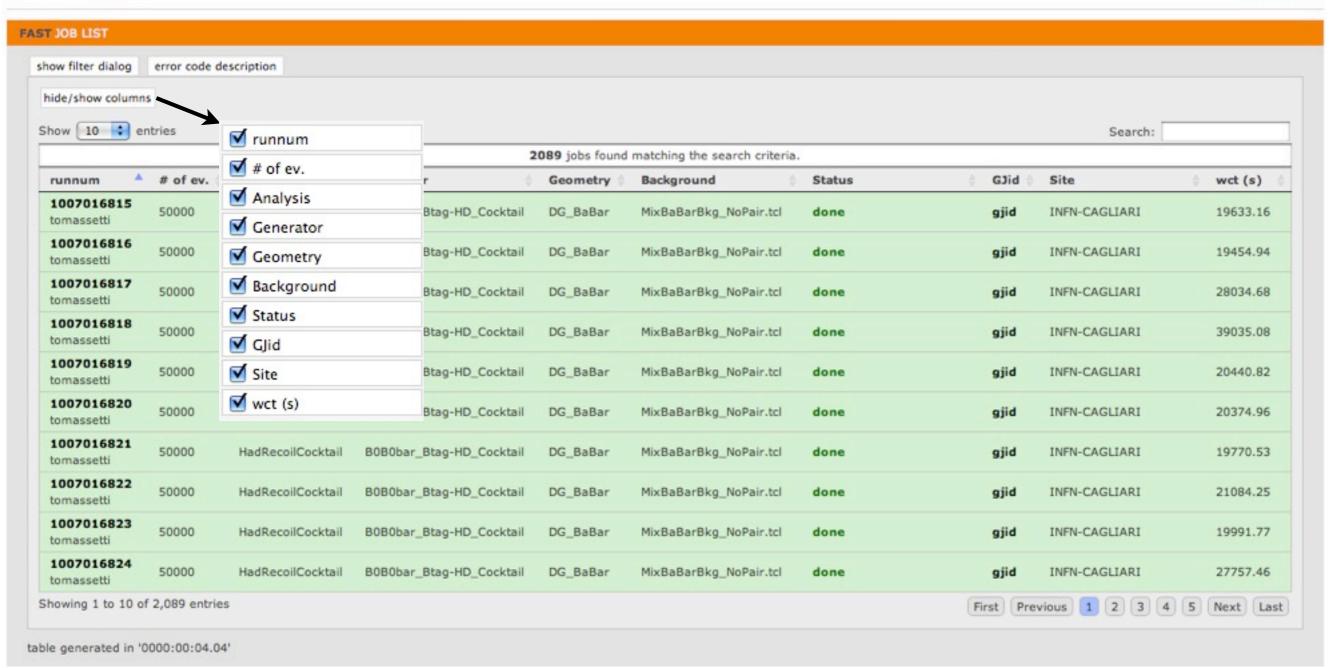
Job Monitor [Fast





Job Monitor - Hide columns

Job Monitor [Fast]





TO-DO

- job monitor
 - valutare i benefici di una implementazione server-side

next step:

- shift init (...e qui saremmo praticamente pronti a lanciare job per la fast) 7-8 giorni



- submission monitor

5-6 giorni



