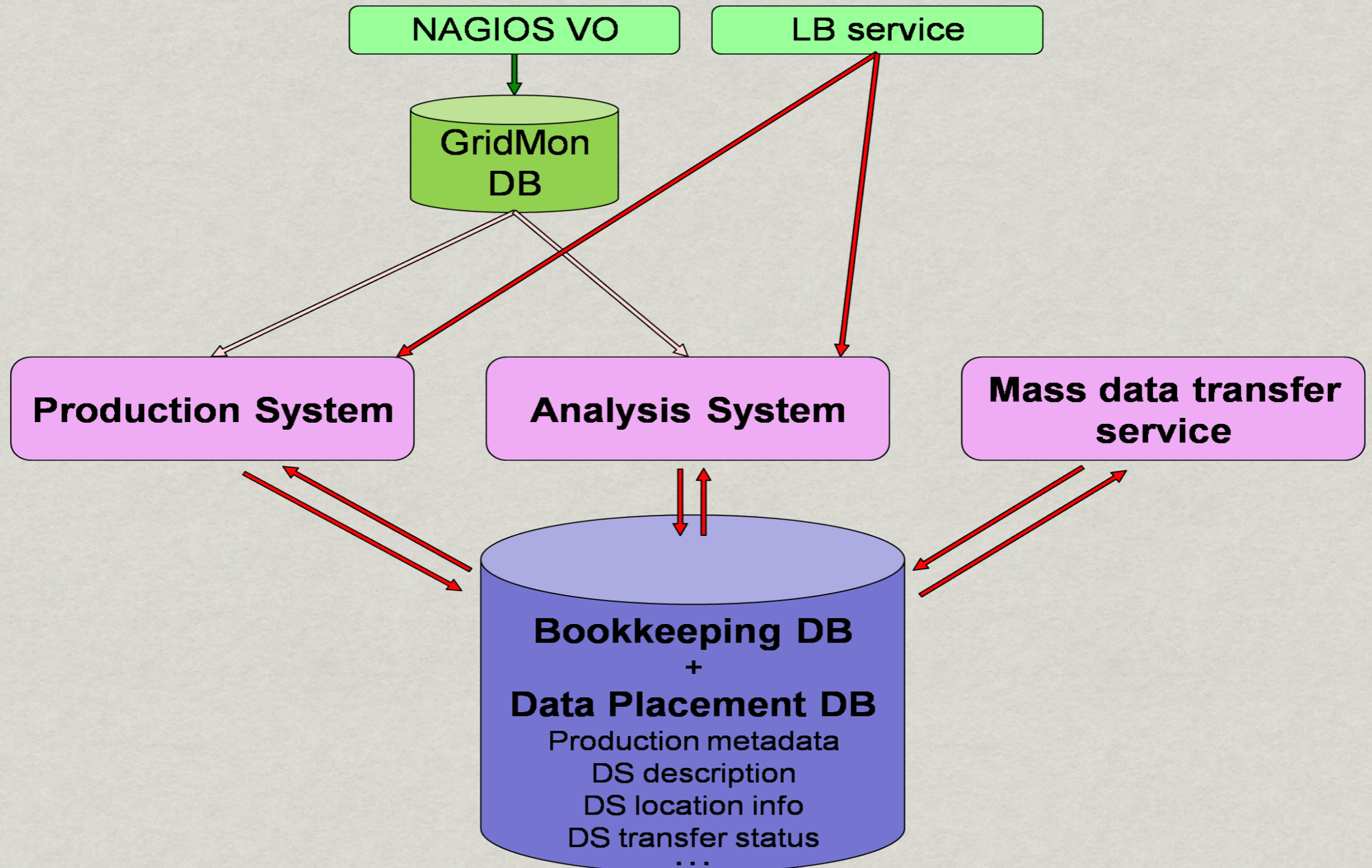


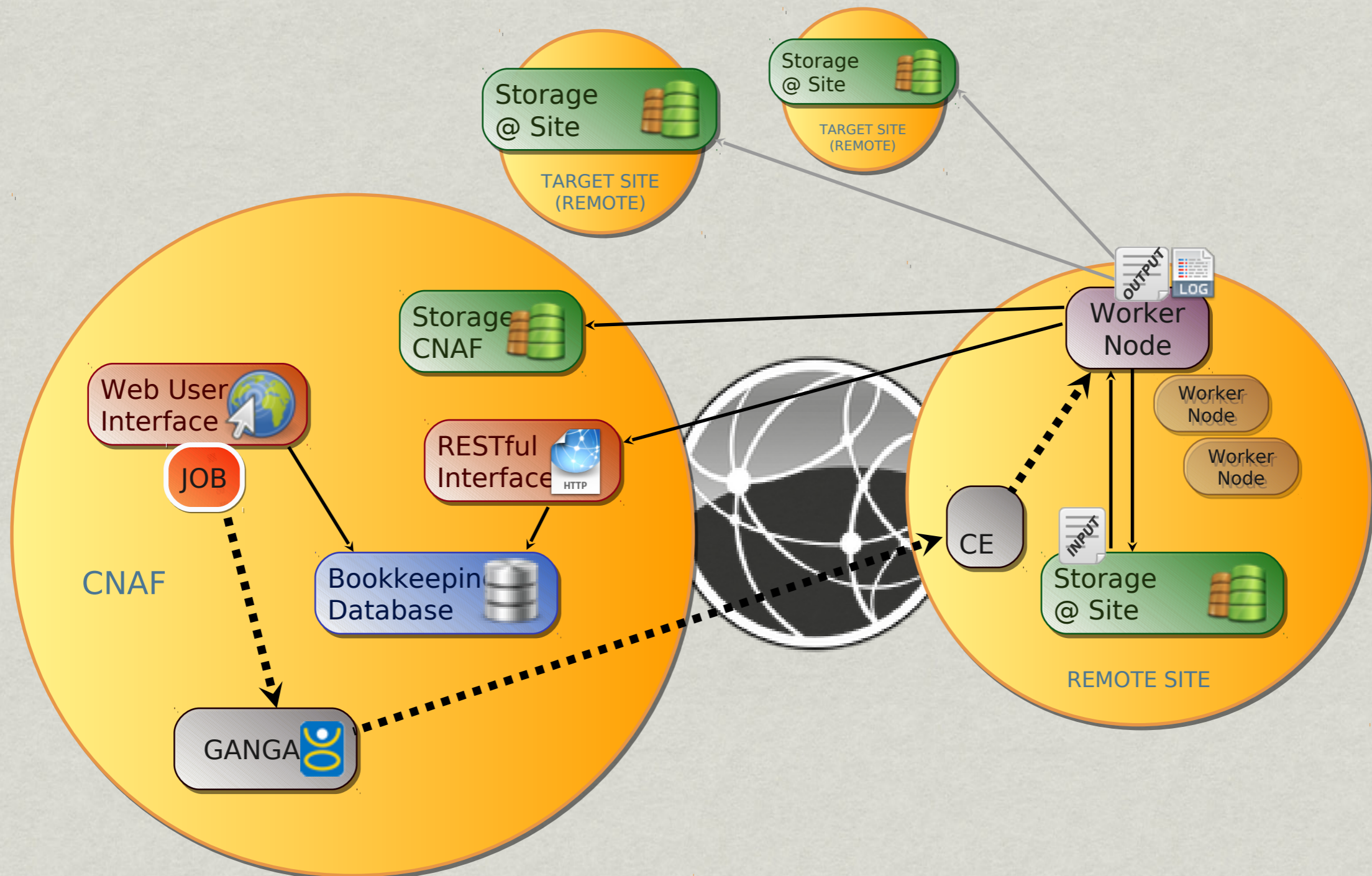
Production Tools

A. Fella thanks to L. Tomassetti

Bird's eye view



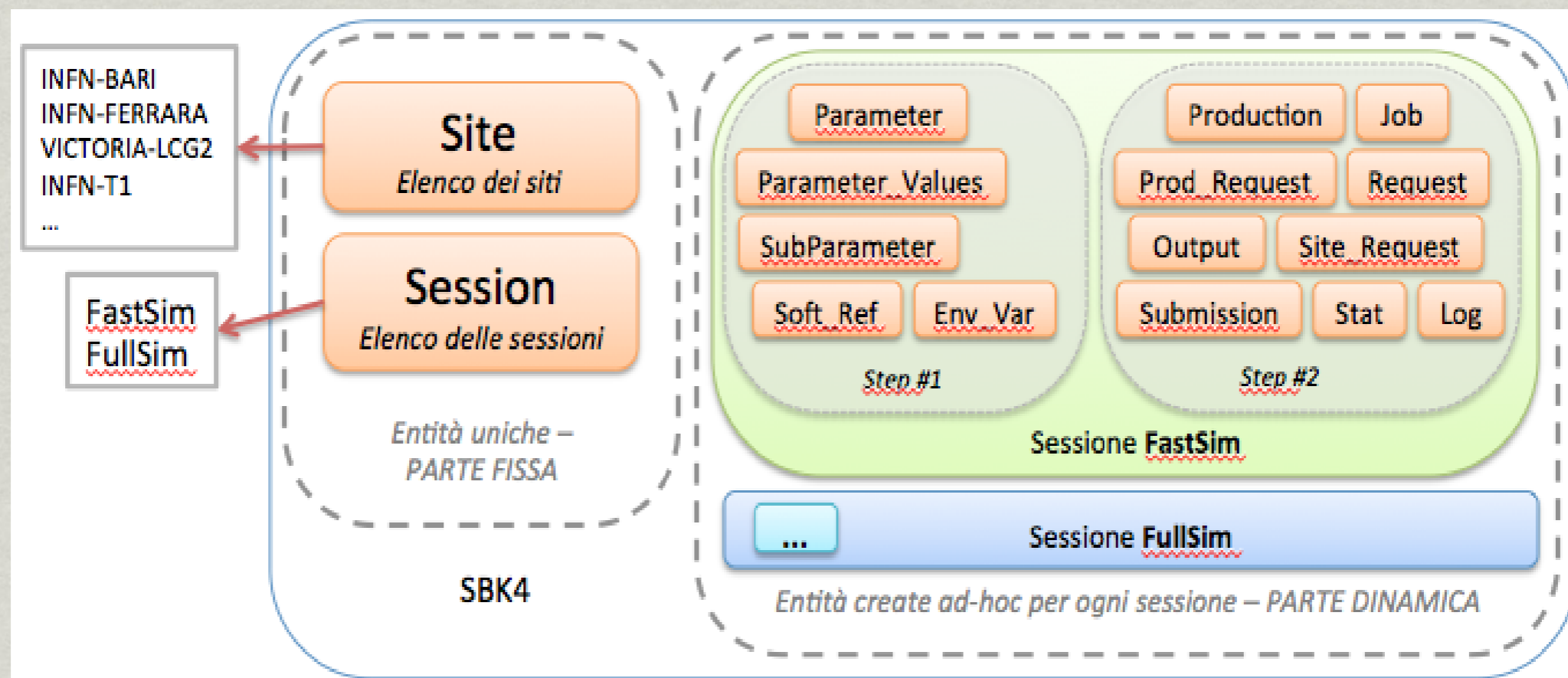
SuperB Production system: How it works



SBK5

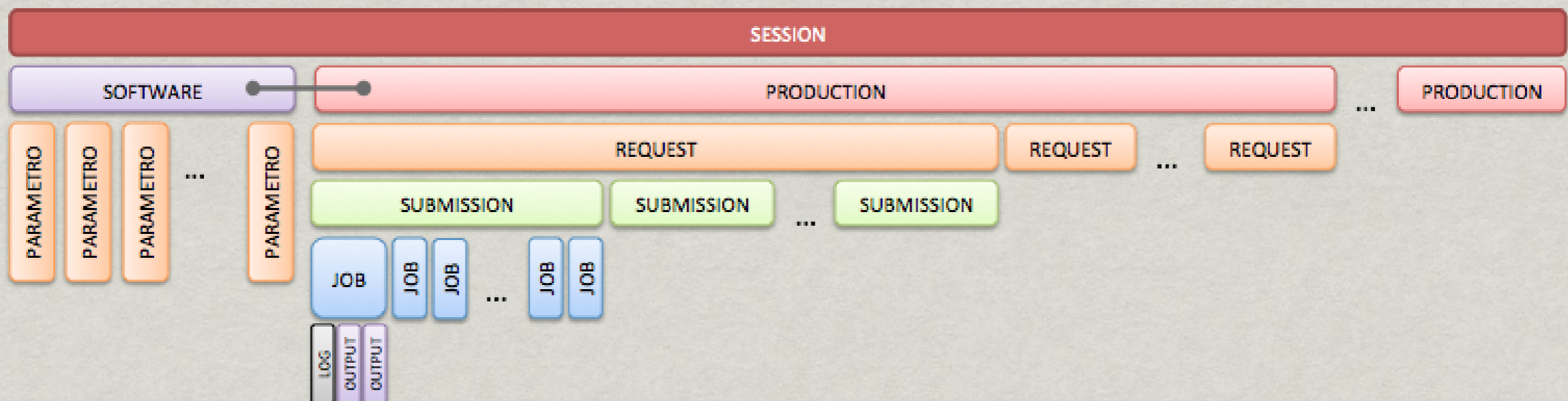
The bookkeeping database

- * Database partitioned in **Sessions** (FullSim and FastSim)
- * For each **Session** a set of tables is replicated



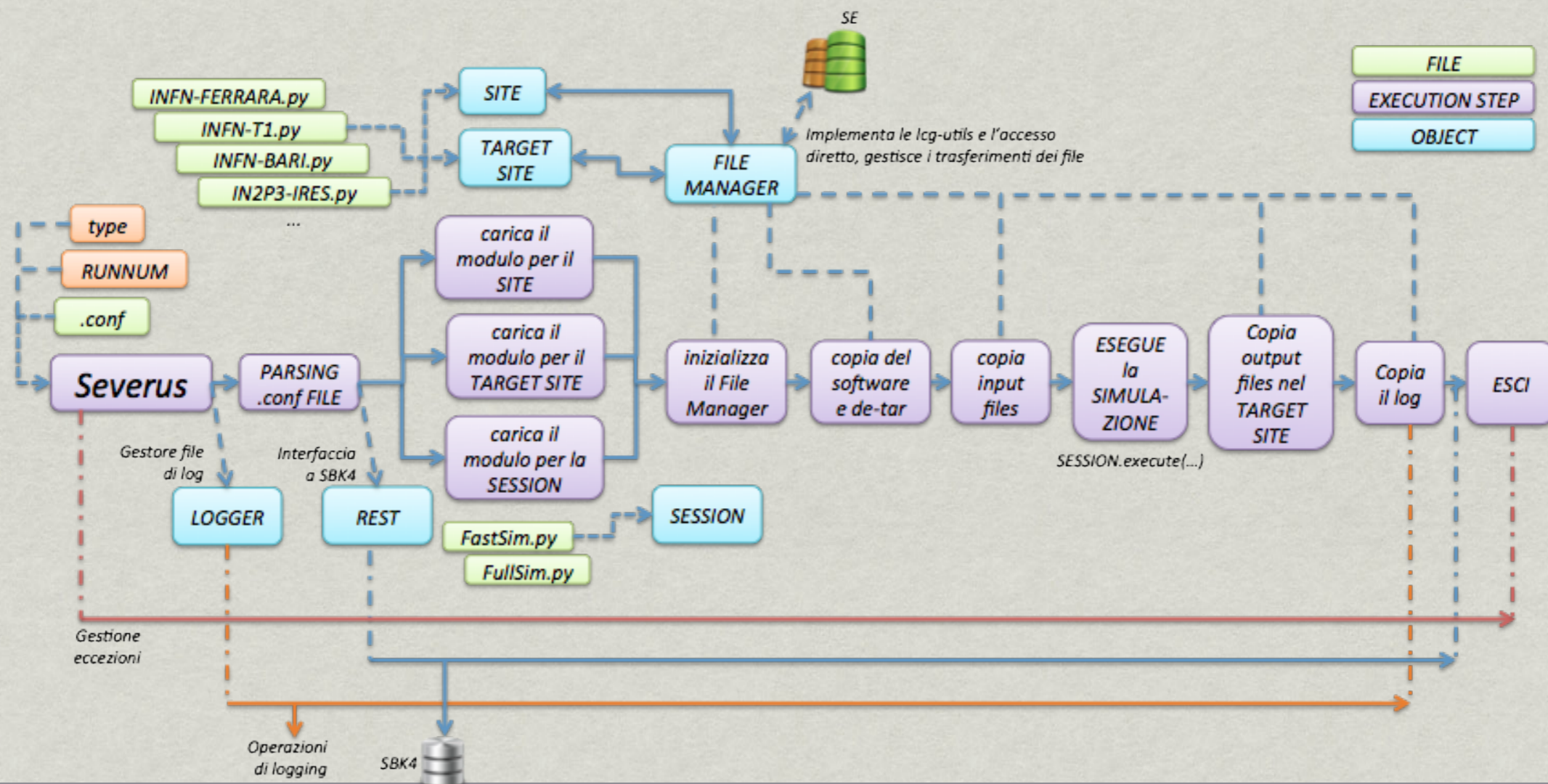
Sessions

- * Software (FastSim: PacProductionApp, FullSim: BrunoApp)
- * a set of **Parameter** to be given to the executable
- * an organization in **Productions** which determine the software release
- * a given set of **Requests** to be produced, in terms of number of simulated events, number of jobs, ... (a value for each **Parameter**)
- * a set of **Jobs** for each **Request** and **Production**, organized in **Submissions**
- * a set of metadata related to **Log** files and **Output** files



Job wrapper (Severus)

- * A single Python script for both (every) simulation (**Session**)
- * A configuration file customizes its behavior at execution time
- * Modular structure, easily extendable ⇔ A **Module** for each **Session**
- * Wiki material: http://mailman.fe.infn.it/superwiki/index.php/Job_python_porting_project/General_information



Job wrapper (Severus)

- **CONFIGURATION FILE (MANY SECTIONS):**

- ▶ **OPTIONS: GENERAL PARAMETERS**

- ▶ **SOFTWARE:** Info about the executable

- ▶ **REST:** info about the rest interface to be used for communications with the db

- ▶ **SITE:** info about the submission site, where the job will be running. a module for each site is then loaded

- ▶ **TARGETSITE:** info about the site where replicas of output files must be done

- ▶ **INPUT:** info about the input files for the job

- ▶ **OUTPUT :** info for the stage-out phase

- ▶ **EXPORT VARS:** list of the envvar to be exported on the wn

- ▶ [**SESSION NAME**]: key-value pairs for simulation parameters, for the session specified in the options section

```
[REST]HOSTNAME = bbr-  
serv09.cr.cnaf.infn.itNAME =  
restsbk4PORT = 8443PROXYVAR  
= X509_USER_PROXY
```

```
[OPTIONS]MODULENAME = FastSim  
PRODSERIES = 2010_July  
REQUESTNAME = c05940afb32309187195f  
SAVELOGDB = falseTEST = false
```

```
[SOFTWARE]EXEPATH = SuperB/FastSim/V0.2.5_SL-  
5.3_x86_64_rev311/workdir/bin/Linux26SL5_x86_64_gcc412  
/PacProductionAppREVISION = 311SWPATH =  
lfn:/grid/superbvo.org/production/FastSim/2010_September/  
test_release/V0.2.5_SL-5.3_x86_64_rev311.tjzVERSION =  
V0.2.5WORKDIR = SuperB/FastSim/V0.2.5_SL-  
5.3_x86_64_rev311/workdir
```

```
[SITE]USELOCALNAME  
= true
```

```
[TARGETSITE]SITENAME =  
INFN-T1  
USELOCALNAME = false
```

```
[INPUT]INPUTMODE = DIRINPUTPATH =  
lfn:/grid/superbvo.org/production/FastSim/2010_September/input
```

```
[OUTPUT]LFN =  
lfn:/grid/superbvo.org/production/FastSim/2010_July/output  
t/HadRecoilCocktail/DG_4/B0B0bar_SL/%RUNNUM%  
LOG =  
/production/FastSim/2010_July/output/HadRecoilCocktail/D  
G_4/B0B0bar_SL/log/run%RUNNUM%.log  
OUTPUTPATH =  
/production/FastSim/2010_July/output/HadRecoilCocktail/D  
G_4/B0B0bar
```

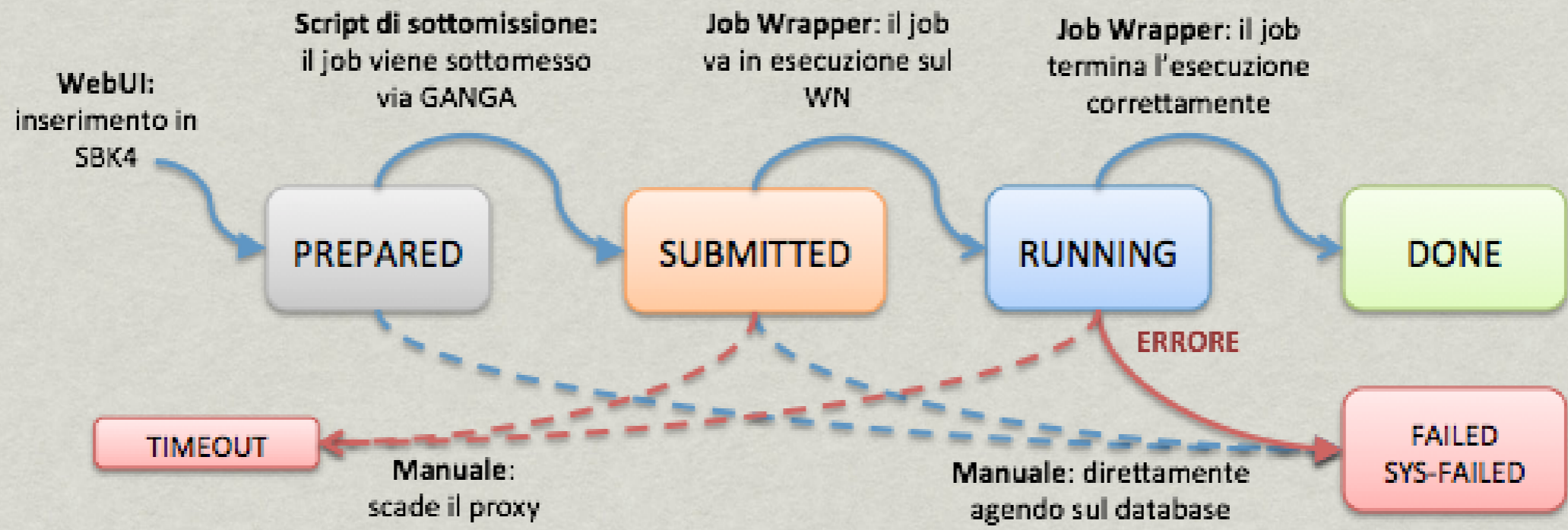
```
[FASTSIM]DG =DG_4  
GENERATOR =B0B0bar_SL  
NEVENTS = 80000  
PRODSRIPT =  
HadRecoilCocktail  
TCL = PacProduction.tcl
```

```
[EXPORT_VARS]LCG_GFAL_INFOSYS =  
egee-bdii.cnaf.infn.it:2170  
ARAMPATH = SuperB/FastSim/V0.2.5_SL-  
5.3_x86_64_rev311/PacProduction
```

WebUI

- * Directly connected with SBK4
 - * it makes use of SBK4 as bookkeeping database and to dynamically build the user interface
- * For each Session defined in SBK4, offers the following functionalities:
 - * Site management (enabling and configuration);
 - * creation and management of Productions;
 - * creation and management of Requests;
 - * bulk submission of Jobs to a set of Sites (both expert and shift takers interfaces);
 - * submission of test Jobs;
 - * monitoring of Submissions (as a whole) and Jobs;
 - * visualization of log files and metadata of output files (and replicas).
- * Automatically adapts to new sessions without changing the code

WebUI + Job wrapper (Severus)




- * Submission **stats** computed with a trigger in the Job table when **status** changes
- * BEFORE INSERT: submission creation
- * AFTER INSERT: Stat update and Request status update
- * AFTER UPDATE, AFTER DELETE: Stats update

WebUI


Home Page

Home Page

USER INFO:

 Hi Enrico Vianello!

user-id: **evianello**






auto-sub:  **enabled**

you are member of **5**






group(s):

- webui
- webuiFastProdMgr
- webuiFullProdMgr
- webuiShift
- WebUiDeveloper

user privileges for **FastSim:**

-  create productions
-  create requests
-  shifter ui
-  expert ui
-  monitoring jobs

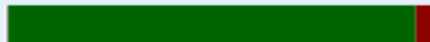

user privileges for **FullSim:**

-  create productions
-  create requests
-  shifter ui
-  expert ui
-  monitoring jobs

GUIDE 

RESOURCES







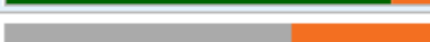























YOUR SESSIONS' STATISTICS:

session	job launched	job graph	events generated	total wct (s)
FastSim	4109		1454079	4412912.80
FullSim	253		253	120790.90

YOUR LAST ACTIVITIES:

Show entries

Search:

time	type	session	info
2011-11-27 22:26:15	JOBSUBMISSION	FastSim	 6 jobs (6 events) on 2010_July  
2011-11-24 11:52:49	JOBSUBMISSION	FastSim	 10 jobs (300000 events) on 2010_July_test  
2011-11-22 18:02:40	JOBSUBMISSION	FastSim	 3 jobs (3 events) on 2010_July_test  
2011-11-22 16:35:15	JOBSUBMISSION	FullSim	 7 jobs (7 events) on 2011_Full_grid_test_test  
2011-11-22 12:01:11	JOBSUBMISSION	FastSim	 15 jobs (750000 events) on 2010_July_test  
2011-11-18 09:32:01	JOBSUBMISSION	FastSim	 50 jobs (50 events) on 2010_July  
2011-11-16 12:27:21	JOBSUBMISSION	FullSim	 1 jobs (1 events) on 2011_Full_grid_test_test  
2011-11-16 12:24:23	JOBSUBMISSION	FastSim	 1 jobs (1 events) on 2010_July_test  
2011-11-16 11:52:31	JOBSUBMISSION	FullSim	 1 jobs (1 events) on 2011_Full_grid_test_test  
2011-11-15 13:53:23	JOBSUBMISSION	FullSim	 2 jobs (2 events) on 2011_Full_grid_test_test  

Showing 1 to 10 of 10 entries

WebUI Productions

Productions

[FastSim]







FASTSIM PRODUCTION LIST

List of session's productions

show test productions

Show entries

Search:

Prod Series	Status	Soft Release	Job Stats	Requests	actions	note
2010_July	●	V0.2.5 311	<div style="width: 100%; height: 10px; background-color: green;"></div>	2 Requests (0 open, 0 valid, 2 running, 0 closed)	close	
2010_July_test	●	V0.2.5 311	<div style="width: 100%; height: 10px; background-color: green;"></div> <div style="width: 100%; height: 10px; background-color: red;"></div>	7 Requests		
2010_September_307	●	V0.2.5 307	<div style="width: 100%; height: 10px; background-color: green;"></div>	56 Requests (0 open, 0 valid, 0 running, 56 closed)	open	
2010_September_307_test	●	V0.2.5 307	<div style="width: 100%; height: 10px; background-color: green;"></div> <div style="width: 100%; height: 10px; background-color: red;"></div>	2 Requests		
2010_September_311	●	V0.2.5 311	<div style="width: 100%; height: 10px; background-color: green;"></div>	43 Requests (0 open, 0 valid, 0 running, 43 closed)	open	
2010_September_311_test	●	V0.2.5 311	<div style="width: 100%; height: 10px; background-color: green;"></div> <div style="width: 100%; height: 10px; background-color: red;"></div>	18 Requests		

Showing 1 to 6 of 6 entries

[First](#) [Previous](#) [1](#) [Next](#) [Last](#)

FASTSIM CREATE PRODUCTION:

All form fields are required.

Production Series:

Software Release:

[Create New Producti](#)

GUIDE

- Type in the new Production Series.
- Specify the release version.
- The system will check for uniqueness of the series. On success, it will create the entry(ies) into the bookkeeping database.

WebUI Requests



FASTSIM PRODUCTION REQUESTS

List of [2] 2010_July requests show test requests

Show entries

Analysis	Generator	Geo
HadRecoilCocktail	BOB0bar_SL	DG

progress: none events: 2381/37600

Jobs per status: Events per status:

done failed

2381

done failed

2381

HadRecoilCocktail	BOB0bar_Btag-HD_Cocktail	DG
-------------------	--------------------------	----

Showing 1 to 2 of 2 entries

FASTSIM CREATE NEW REQUEST

Select custom request and job parameters' values or import them from another production request:

Import From...

production: request:

Job Parameters:

Analysis: Generator: Geometry: Background:

A Production Request with the selected parameters doesn't exists and will be created

Request settings:

priority: 10

minrunnum: required events: evt/job: number of jobs:

expected event time (sec): max wct (sec):

Input:

input mode:

Output & Log:

output directory (lfn):

output directory (absolute):

log file:

Edit output directories for the associated test request

test request's output directory (lfn):

test request's output directory (absolute):

test log file:

outputs' sites:

<input type="checkbox"/> CIT_CMS_T2B	<input type="checkbox"/> CIT_HEP_CE	<input type="checkbox"/> CYFRONET-LCG2	<input type="checkbox"/> GRIF	<input type="checkbox"/> GRISU_UNINA
<input type="checkbox"/> IN2P3-CC	<input type="checkbox"/> IN2P3-IRES	<input type="checkbox"/> IN2P3-LPSC	<input type="checkbox"/> INFN-BARI	<input type="checkbox"/> INFN-CAGLIARI
<input type="checkbox"/> INFN-FERRARA	<input type="checkbox"/> INFN-FRASCATI	<input type="checkbox"/> INFN-LNL-2	<input type="checkbox"/> INFN-MILANO-ATLASC	<input type="checkbox"/> INFN-NAPOLI-ATLAS
<input type="checkbox"/> INFN-PERUGIA	<input type="checkbox"/> INFN-PISA	<input checked="" type="checkbox"/> INFN-T1	<input type="checkbox"/> INFN-TORINO	<input type="checkbox"/> RAL-LCG2
<input type="checkbox"/> UKI-LT2-QMUL	<input type="checkbox"/> UKI-SOUTHGRID-OX-HEP	<input type="checkbox"/> UKI-SOUTHGRID-RALPP	<input type="checkbox"/> UNINA-EGEE	<input type="checkbox"/> VICTORIA-LCG2
<input type="checkbox"/> VICTORIA-LCG2-SL4	<input type="checkbox"/> WT2			

Other:

note: (max. 255 characters)

WebUI

Shift Init (I)


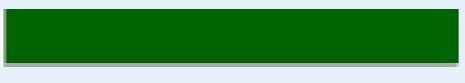
- * Request selection
- * the highest priority one is automatically selected

JOB DETAILS (REQUESTS)

Show requests

Show entries

Search:

S	Job Parameters	Priority	Graph Pending - Running - Failed - Done [TOT]	events per job	jobs d/nf/r	events d/nf/r
<input checked="" type="radio"/>	PRODSRIPT : <i>HadRecoilCocktail</i> GENERATOR : <i>B0B0bar_SL</i> DG : <i>DG_4</i> TCL : <i>PacProduction</i>	70	 0 - 0 - 65 - 2381 [2446]	1	2 381 (6.33%) 2 381 (6.33%) 37 600	2 381 (6.33%) 2 381 (6.33%) 37 600
<input type="radio"/>	PRODSRIPT : <i>HadRecoilCocktail</i> GENERATOR : <i>B0B0bar_Btag-HD_Cocktail</i> DG : <i>DG_4</i> TCL : <i>MixSuperbBkg_NoPair</i>	50	 0 - 0 - 0 - 5 [5]	80000	5 (0.11%) 5 (0.11%) 4 700	400 000 (0.11%) 400 000 (0.11%) 376 000 000

Showing 1 to 2 of 2 entries

First Previous **1** Next Last

WebUI

Shift Init (II)



- * Site selection
- * selection algorithm based on previous submission, load of sites, number of failures, ...
- * health of site service will be taken into account soon...

SITES																
<input checked="" type="checkbox"/> refresh all every <input type="text" value="10"/> seconds SUBMIT ON ALL SELECTED SITES →																
<input type="checkbox"/>	Name	Last Submission	Last Submission				[TOT]	Site Load			[TOT]	Threshold			Status	Action
			Pend	Run	Done	Fail		Prep	Sub	Run		Pend	Fail	Runn		
<input type="checkbox"/>	CIT_HEP_CE X		0	0	0	0	[0]	0	0	0	[0]	20-10-300	[100/100]	→ ⓘ		
<input checked="" type="checkbox"/>	CYFRONET-LCG2 ✓	2011-11-15 11:00:18 evianello [15:16:47:50]	0	0	50	0	[50]	0	0	0	[0]	20-5-50	[50/50]	→ ⓘ		
<input checked="" type="checkbox"/>	GRIF ✓	2011-11-18 09:32:01 evianello [12:18:16:7]	0	0	50	0	[50]	0	0	0	[0]	30-10-551	[50/50]	→ ⓘ		
<input type="checkbox"/>	GRISU_UNINA X		0	0	0	0	[0]	0	0	0	[0]	2-10-30	[10/10]	→ ⓘ		
<input checked="" type="checkbox"/>	IN2P3-CC ✓	2011-11-15 11:00:18 evianello [15:16:47:50]	0	0	100	0	[100]	0	0	0	[0]	50-10-700	[100/100]	→ ⓘ		
<input checked="" type="checkbox"/>	IN2P3-IRES ✓	2011-11-15 11:00:18 evianello [15:16:47:50]	0	0	5	0	[5]	0	0	0	[0]	5-3-5	[5/5]	→ ⓘ		
<input checked="" type="checkbox"/>	INFN-BARI ✓	2011-11-15 11:00:18 evianello [15:16:47:50]	0	0	50	0	[50]	0	0	0	[0]	30-10-300	[50/50]	→ ⓘ		
<input type="checkbox"/>	INFN-FERRARA X		0	0	0	0	[0]	0	0	0	[0]	12-10-300	[3/3]	→ ⓘ		
<input checked="" type="checkbox"/>	INFN-LNL-2 ✓	2011-11-15 11:00:18 evianello [15:16:47:50]	0	0	50	0	[50]	0	0	0	[0]	30-10-500	[50/50]	→ ⓘ		
<input checked="" type="checkbox"/>	INFN-MILANO-ATLASC ✓	2011-11-12 11:43:55 evianello [18:16:4:13]	0	0	100	0	[100]	0	0	0	[0]	20-10-300	[100/100]	→ ⓘ		
<input type="checkbox"/>	INFN-NAPOLI-ATLAS X		0	0	0	0	[0]	0	0	0	[0]	30-10-300	[50/50]	→ ⓘ		
<input type="button" value="reset"/>	INFN-PERUGIA ✓	2011-11-27 22:26:15 evianello [3:5:22:2]	0	0	0	6	[6]	0	0	0	[0]	3-3-6	[6/6]	ⓘ		
<input checked="" type="checkbox"/>	INFN-PISA ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	100	0	[100]	0	0	0	[0]	50-10-1000	[100/100]	→ ⓘ		
<input checked="" type="checkbox"/>	INFN-T1 ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	100	0	[100]	0	3	0	[3]	100-10-900	[200/200]	→ ⓘ		
<input checked="" type="checkbox"/>	INFN-TORINO ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	50	0	[50]	0	0	0	[0]	30-10-300	[50/50]	→ ⓘ		
<input type="checkbox"/>	RAL-LCG2 X		0	0	0	0	[0]	0	0	0	[0]	30-10-800	[100/100]	→ ⓘ		
<input type="checkbox"/>	UKI-LT2-QMUL ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	100	0	[100]	0	100	0	[100]	50-10-950	[0/100]	ⓘ		
<input checked="" type="checkbox"/>	UKI-SOUTHGRID-OX-HEP ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	99	1	[100]	0	0	0	[0]	20-10-300	[100/100]	→ ⓘ		
<input checked="" type="checkbox"/>	UKI-SOUTHGRID-RALPP ✓	2011-11-15 11:00:18 evianello [15:16:47:59]	0	0	50	0	[50]	0	0	0	[0]	30-10-550	[50/50]	→ ⓘ		
<input type="checkbox"/>	UNINA-EGEE X		0	0	0	0	[0]	0	0	0	[0]	3-3-6	[6/6]	→ ⓘ		

WebUI

Shift Init (III)



Automatic submission output

Submission status per site:

```

/data1/script_webui/FastSim/submissionscripts/2010_July/CYFRONET-LCG2_10001643_10001692.php [32.89 s] log
/data1/script_webui/FastSim/submissionscripts/2010_July/IN2P3-CC_10001693_10001792.php [52.508 s] log
/data1/script_webui/FastSim/submissionscripts/2010_July/IN2P3-IRES_10001793_10001797.php
/data1/script_webui/FastSim/submissionscripts/2010_July/INFN-BARI_10001798_10001847.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/INFN-LNL-2_10001848_10001897.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/INFN-PISA_10001898_10001997.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/INFN-T1_10001998_10002097.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/INFN-TORINO_10002098_10002147.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/UKI-LT2-QMUL_10002148_10002247.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/UKI-SOUTHGRID-OX-HEP_10002248_10002347.php...
/data1/script_webui/FastSim/submissionscripts/2010_July/UKI-SOUTHGRID-RALPP_10002348_10002397.php...
  
```

* Summary of what will be submitted (below)

* Automatic submission dialog (above)

PRODUCTION DATA - SUMMARY

Production Series: **2010_July**

Software: **V0.2.5 311**

Test release: **lfn:/grid/superbvo.org/production/FastSim/2010_September/test_release/V0.2.5_SL-5.3_x86_64_rev311.tjz**

JOB BULK #1 - SUMMARY

Request Parameters:

PROSCRIPT	GENERATOR	DG	TCL
HadRecoilCocktail	B0B0bar_Btag-HD_Cocktail	DG_4	MixSuperbBkg_NoPair

Jobs' Type **Events per job** **Log on db** **Target site(s)**

normal 80000 no INFN-T1

#Jobs	Site	First RUNNUM	Last RUNNUM	#Events
50	CYFRONET-LCG2	10002454	10002503	4000000
50	GRIF	10002504	10002553	4000000
100	IN2P3-CC	10002554	10002653	8000000
5	IN2P3-IRES	10002654	10002658	400000
50	INFN-BARI	10002659	10002708	4000000
50	INFN-LNL-2	10002709	10002758	4000000
100	INFN-MILANO-ATLASC	10002759	10002858	8000000
100	INFN-PISA	10002859	10002958	8000000
200	INFN-T1	10002959	10003158	16000000
50	INFN-TORINO	10003159	10003208	4000000
100	UKI-SOUTHGRID-OX-HEP	10003209	10003308	8000000
50	UKI-SOUTHGRID-RALPP	10003309	10003358	4000000
905				72400000

✓ Production Request exists! 2010_July



input mode: **DIR** input path: **lfn:/grid/superbvo.org/production/FastSim/2010_September/input**
output directory's name: **/production/FastSim/2010_July/output/HadRecoilCocktail/DG_4/B0B0bar_Btag-HD_Cocktail/%RUNNUM%**
output directory's lfn: **lfn:/grid/superbvo.org/production/FastSim/2010_July/output/HadRecoilCocktail/DG_4/B0B0bar_Btag-HD_Cocktail/%RUNNUM%**
log file(s): **/production/FastSim/2010_July/output/HadRecoilCocktail/DG_4/B0B0bar_Btag-HD_Cocktail/log/run%RUNNUM%.log**

Production Initialization and Script Generation Automatic Submission

WebUI

Expert Init

FASTSIM EXPERT UI FOR JOB SUBMISSION


Production:
Select a production from list:   [show/hide details](#)

Submission Sites:


<input type="checkbox"/> CIT_CMS_T2B	<input type="checkbox"/> CIT_HEP_CE X	<input type="checkbox"/> CYFRONET-LCG2 ✓	<input type="checkbox"/> GRIF ✓	<input type="checkbox"/> GRISU_UNINA X
<input type="checkbox"/> IN2P3-CC ✓	<input type="checkbox"/> IN2P3-IRES ✓	<input type="checkbox"/> IN2P3-LPSC ✓	<input type="checkbox"/> INFN-BARI ✓	<input type="checkbox"/> INFN-CAGLIARI
<input type="checkbox"/> INFN-FERRARA X	<input type="checkbox"/> INFN-FRASCATI ✓	<input type="checkbox"/> INFN-LNL-2 ✓	<input type="checkbox"/> INFN-MILANO-ATLASC ✓	<input type="checkbox"/> INFN-NAPOLI-ATLAS X
<input type="checkbox"/> INFN-PERUGIA ✓	<input type="checkbox"/> INFN-PISA ✓	<input type="checkbox"/> INFN-T1 ✓	<input type="checkbox"/> INFN-TORINO ✓	<input type="checkbox"/> RAL-LCG2 X
<input type="checkbox"/> UKI-LT2-QMUL ✓	<input type="checkbox"/> UKI-SOUTHGRID-OX-HEP ✓	<input type="checkbox"/> UKI-SOUTHGRID-RALPP ✓	<input type="checkbox"/> UNINA-EGEE X	<input type="checkbox"/> VICTORIA-LCG2
<input type="checkbox"/> VICTORIA-LCG2-SL4	<input type="checkbox"/> WT2			





Select all | supported | none

Job Details:



Test Job? Number of runs: Number of events: Request: 

Log files to be stored in the bookeeping database

Test Job? Number of runs: Number of events: Request: 

Analysis:  Generator:  Geometry:  Background: 

✓ Production Request exists!

Log files to be stored in the bookeeping database  

Submit Data And Generate Summary

WebUI

Job Monitor

FASTSIM JOB LIST

 [show filter dialog](#)

 [refresh last search](#)

Show entries

[hide/show columns](#)

Search:

4030 jobs found matching the search criteria.

runnum	events	Analysis	Generator	Geometry	Background	Status	GJid	Site	wct (s)
10002949 evianello	1	HadRecoilCocktail	B0B0bar_Btag-HD_Cocktail	DG_4	MixSuperbBkg_NoPair	done	gjid	CYFRONET-LCG2	289.40
10002948 evianello	1	HadRecoilCocktail	B0B0bar_Btag-HD_Cocktail	DG_4	MixSuperbBkg_NoPair	done	gjid	CYFRONET-LCG2	736.30
10002947 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	997.80
10002946 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	589.90
10002945 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	655.00
10002944 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	737.00
10002943 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	1206.30
10002942 evianello	1	HadRecoilCocktail	B0B0bar_SL	DG_4	PacProduction	done	gjid	CYFRONET-LCG2	897.00
10002941 galvani	1	BtoKNuNu	B+B-_Btag-HD_Cocktail	DG_0	MixSuperbBkg	failed	gjid	INFN-BARI	5.00
10002940 manzall	1	BtoKNuNu	B+B-_Btag-HD_Cocktail	DG_0	MixSuperbBkg	done	gjid	INFN-BARI	89.10

Showing 1,081 to 1,090 of 4,030 entries

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[110](#)
[111](#)
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[Last](#)

table generated in '0000:00:02.65' (destroyed in: 0000:00:00.00)

Thank you!

WebUI url:

https://bbr-serv09.cr.cnaf.infn.it:8443/~webui_sb5/

Wiki portal:

http://mailman.fe.infn.it/superbwiki/index.php/Distributed_computing_main_portal

Distributed Computing Group (super-distrcomp@lists.infn.it)