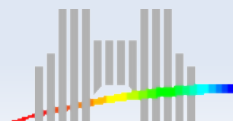


The Decrypthon grid

GRAAL

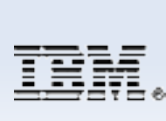
lip



DIET



CNRS
CENTRE NATIONAL
DE LA RECHERCHE
SCIENTIFIQUE



The Decrypthon University Grid

Renater
Network



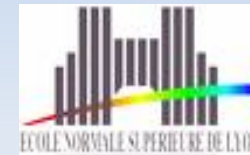
Orsay site :

- Linux web server
- AIX University cluster (Loadleveler)



ENS Lyon site :

- AIX server for IBM WII and data Manager
- Linux "GDSDMI" University cluster (OAR)



Lille site :

- AIX University cluster (Loadleveler)



Bordeaux site :

- AIX University cluster (Loadleveler)



Jussieu site :

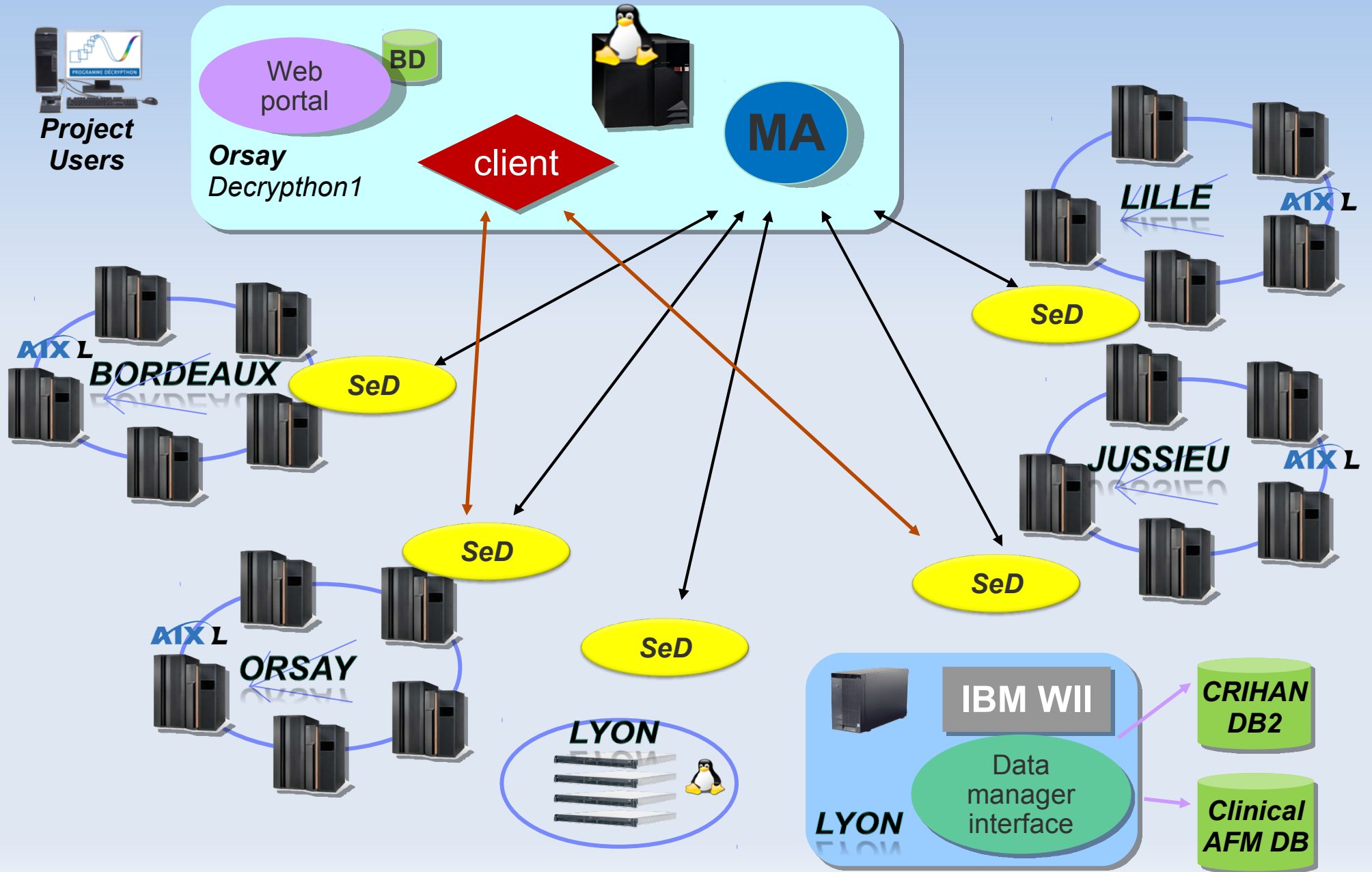
- AIX University cluster



- CRIHAN (Rouen) :
- Database server



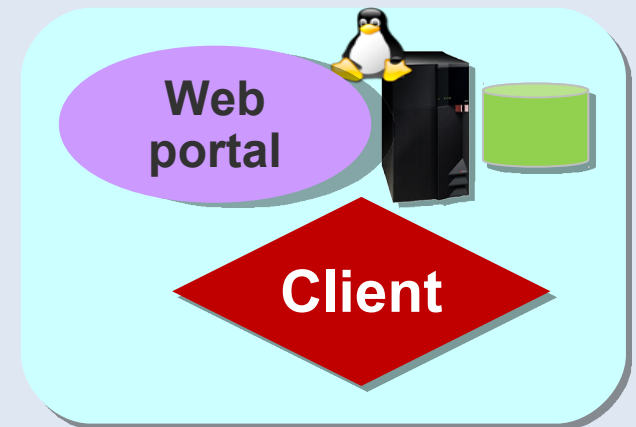
DIET on the decrypthon grid



The Decrypthon Grid

The Web portal is made of two parts : The DIET WebBoard and Application User Interfaces

- DIET WebBoard
- MS2PH User interface
- Docking User interface
- SpikeOMatic User interface



Identification

Connexion to the DIET Manager

User Name :

Password :

Users must log in the interfaces using a password.

The main page can be different according to the permissions granted to the user connecting on the DIET WebBoard.

On this example the user "nbard" (first picture) has a full access when the user "statistic_viewer" (second picture) can only access statistics pages.

User : nbard@Diet | Logout

DIET Webboard for the Decryphon project

DIET Daemon manager	Application List	View generated GoDIET xml
Diet properties	Data List	Installed applications on devices
My account	Device List	Grid Statistics
View users permissions	Device group List	
Manage temporary files	Job List	
View DIET client log files	Request List	View running jobs
Write a news	Result List	View running workunits
	Storage List	
DIET MS2PH Demonstration	User List	
DIET Docking Demonstration	Workunit List	News from decryphon
DIET SpikeOMatic Demonstration	News List	Back to the identification menu

User : statistic_viewer@Diet | Logout

DIET Webboard for the Decryphon project

DIET Daemon manager	Application List	View generated GoDIET xml
Diet properties	Data List	Installed applications on devices
My account	Device List	Grid Statistics
View users permissions	Device group List	
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View DIET client log files	Request List	View running jobs
Write a news	Result List	View running workunits
	Storage List	
DIET MS2PH Demonstration	User List	
DIET Docking Demonstration	Workunit List	News from decryphon
DIET SpikeOMatic Demonstration	News List	Back to the identification menu

Users Interfaces

MS2PH Web Interface menu

User's e-mail manager.

Submit a MS2PH Job

View running jobs

News page

View results

View running workunits

Download manager

Recurring job manager

Back to the identification menu

This interface is designed for end users.

To make an user interface for a new application on the grid you only need to write the page for submitting jobs : using DIET WebBoard Core libraries.

SpikeOMatic Job

Using R 2.7.1

Project Name:


Project Annotation:

Data file:

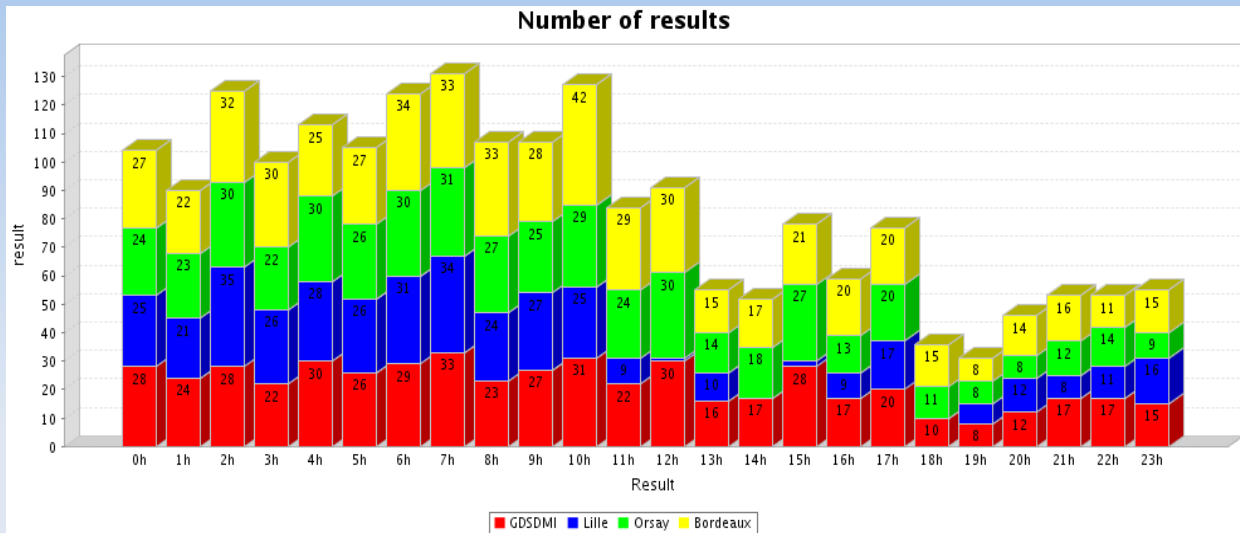
Debug mode:

Completed workunits

List of workunits

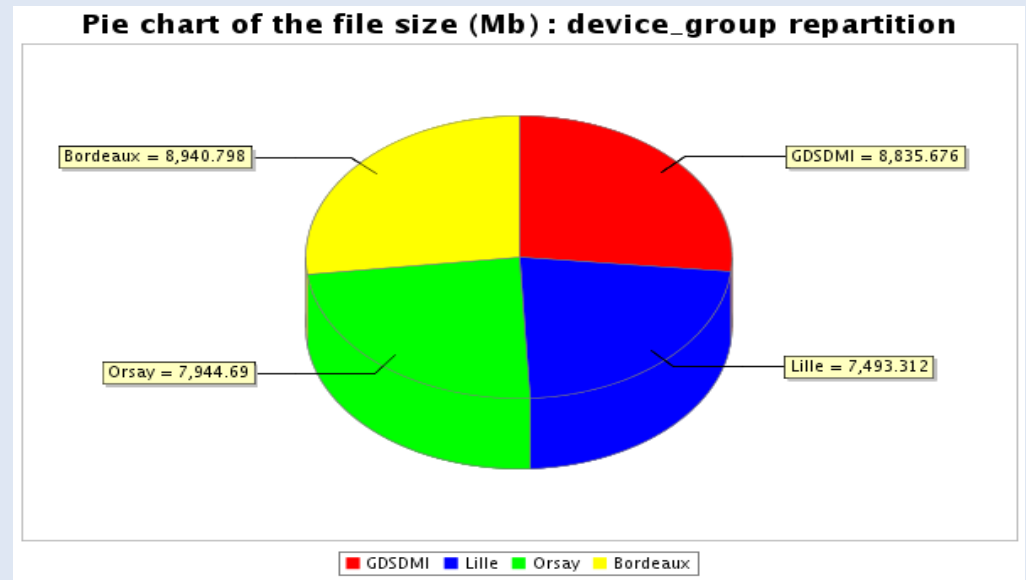
ID 	Index	Creation Time	Job ID	Application	User	State	Data ID	WallTime
420637	1	2010-10-04 16:49:35	863	BLASTP	David	completed	474412	2 days
420638	2	2010-10-04 16:49:35	863	BLASTP	David	completed	474413	2 days
420639	3	2010-10-04 16:49:35	863	BLASTP	David	completed	474414	2 days
420640	4	2010-10-04 16:49:35	863	BLASTP	David	completed	474415	2 days
420641	5	2010-10-04 16:49:35	863	BLASTP	David	completed	474416	2 days
420642	6	2010-10-04 16:49:35	863	BLASTP	David	completed	474417	2 days
420643	7	2010-10-04 16:49:35	863	BLASTP	David	completed	474418	2 days
420644	8	2010-10-04 16:49:36	863	BLASTP	David	completed	474419	2 days
420645	9	2010-10-04 16:49:36	863	BLASTP	David	completed	474420	2 days
420646	10	2010-10-04 16:49:36	863	BLASTP	David	completed	474421	2 days
420647	11	2010-10-04 16:49:36	863	BLASTP	David	completed	474422	2 days
420648	12	2010-10-04 16:49:36	863	BLASTP	David	completed	474423	2 days
420649	13	2010-10-04 16:49:36	863	BLASTP	David	completed	474424	2 days
420650	14	2010-10-04 16:49:36	863	BLASTP	David	completed	474425	2 days
420651	15	2010-10-04 16:49:37	863	BLASTP	David	completed	474426	2 days
420652	16	2010-10-04 16:49:37	863	BLASTP	David	completed	474427	2 days
420653	17	2010-10-04 16:49:37	863	BLASTP	David	completed	474428	2 days
420654	18	2010-10-04 16:49:37	863	BLASTP	David	completed	474429	2 days
420655	19	2010-10-04 16:49:37	863	BLASTP	David	completed	474430	2 days
420656	20	2010-10-04 16:49:37	863	BLASTP	David	completed	474431	2 days

Grid Statistics



Number of results per hour the 12/09/2008

Pie chart : Memory usage of the results produced during the month of September 2008



The decrypthon grid

Thank you

Questions?