

XVWHEP @ LAL

&

XVWHEP @ LRI

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XWHEP @ **LRI** par les nombres

- 1 serveur : `xw.lri.fr`
- 6 workers connectés.
- 0 utilisateurs enregistrés.
- 4 applications.

Une plateforme “publique”

<http://xw.lri.fr:4330/>

XWHEP @ LRI

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Main Pages

- [Introduction](#)
- [News](#)
- [Contact](#)
- [Documentations](#)

Working

- [Log in](#)
- [Register](#)
- [Demo](#)

Stats

- [Server stats](#)
- [Workers stats](#)

Links

- [XWHEP](#)

Partners



IN2P3
Institut National de Physique Nucléaire
et de Physique des Particules



INRIA

Welcome

Welcome to the web interface for the XWHEP platform at the LRI

Background

This server is intended to deploy a Desktop Grid, using XWHEP as middleware.

This platform is P2P and is open for anyone to join.

You can share your computer(s) and participate to a e-Science project.

You are welcome to use the platform, add your applications, add your own computing ressources and run your application on them.

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Information form

You have to fill the following form to get a Desktop Grid account
!!! All fields are required !!!
A configuration file will be sent to your email address

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- [Demo](#)

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- [Workers stats](#)

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- [XWHEP](#)

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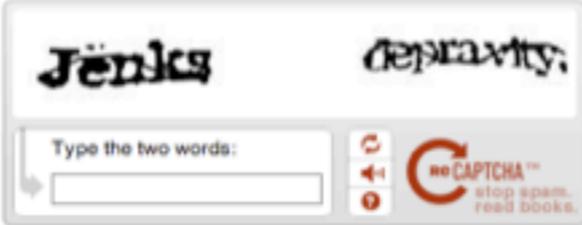


Login :

Password :

Confirm Password :

Email :

Captcha : 

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XWHEP @ LRI

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- [Introduction](#)
- [News](#)
- [Contact](#)
- [Documentations](#)

Working

- [Log in](#)
- [Register](#)
- [Demo](#)

Stats

- [Server stats](#)
- [Workers stats](#)

Links

- [XWHEP](#)

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INSTITUT NATIONAL DE PHYSIQUE NUCLEAIRE
ET DE PHYSIQUE DES PARTICULES



Login :

Password :

XWHEP @ LRI

- Working**
- [Log out](#)
 - [List All Users](#)
 - [List My Group](#)
 - [List Usergroups](#)
 - [List Applications](#)
 - [List Datas](#)
 - [List Hosts](#)
 - [My Configuration](#)
 - [Download worker](#)
 - [Register a Usergroup](#)

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Total number of hosts: 6.



hostname	last alive	time zone	OS	CPU	completed jobs
mac-90021.lal.in2p3.fr	2008-11-19 12:19:03	Europe/Paris	MACOSX	IX86	
qcg.lri.fr	2008-12-05 11:30:52	Europe/Paris	LINUX	IX86	
qcg1.lri.fr	2008-12-05 11:31:17	Europe/Paris	LINUX	IX86	0
qcg2.lri.fr	2008-12-05 11:31:57	GMT+01:00	LINUX	IX86	0
qcg3.lri.fr	2008-12-05 11:31:37	Europe/Paris	LINUX	IX86	0
qcg4.lri.fr	2008-12-05 11:31:49	Europe/Paris	LINUX	IX86	0

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name	type	OS	CPU	URI
./convert_linux_intel	BINARY	LINUX	IX86	xw://xw.lri.fr/bc65acba-ee52-4b79-9318-19a903f6564e
./convert_mac_intel	BINARY	MACOSX	IX86	xw://xw.lri.fr/b8e3fe7a-5e78-4e9c-9f9b-0f95f0912640
dsp-linux-amd64	BINARY	LINUX	X86_64	xw://xw.lri.fr/4fcc49e3-65d5-44d9-9543-2d0f4d37416a
dsp-linux-intel	BINARY	LINUX	IX86	xw://xw.lri.fr/86f6abff-8b51-4f8d-b1fd-e7494a146b6b
dsp-win-ix86	BINARY	WIN32	IX86	xw://xw.lri.fr/724ff0eb-264f-4947-8edb-492eb8f47d5b
lgv_ITER_ion_2species_linux_amd64	BINARY	LINUX	AMD64	xw://xw.lri.fr/569e21c1-06dd-44b9-888c-3a58cd4f3534
lgv_ITER_ion_2species_linux_intel	BINARY	LINUX	IX86	xw://xw.lri.fr/85b892d9-e2b5-427e-ad33-3d49ece320bb
lgv_ITER_ion_2species_mac_intel	NONE	NONE	NONE	xw://xw.lri.fr/38acde40-3e61-4474-8d87-916d735880e2
singleMuon-linux-intel	BINARY	LINUX	IX86	xw://xw.lri.fr/ddbb2853-73c0-4a25-a9e8-391c3bd2db22
singleMuon_linux_amd64	BINARY	LINUX	AMD64	xw://xw.lri.fr/ca46f2d2-4132-4755-8c59-cdf52900107b
singleMuon_mac_intel	BINARY	MACOSX	IX86	xw://xw.lri.fr/7815cb12-4e8e-4af0-b0eb-8055d89b4503
stdout.txt	TEXT	LINUX	IX86	xw://xw.lri.fr/18d0cf40-3269-4b8a-b5a9-c772bb1cbe6e

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Start Demo

This demo consists in the use of the [convert](#) utility.

Convert is a simple and very powerful command line tool for image transformation / manipulation.

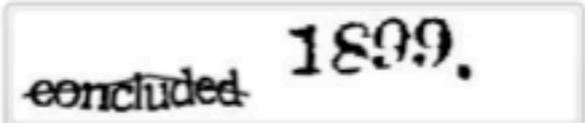
The convert utility has been build statically and inserted into this XWHEP platform.

By launching the demo, you will insert 3 different jobs of the convert utility into the platform. These jobs will then be executed simultaneously and independantly on public workers connected to the platform.

The convert utility is our choice since it will give you a direct view of the results.

Usage: just provide URL to a JPG image (JPG is mandatory), answer captcha (just to be sure you're not a bot), then submit. Result will be a table of 4 images. The original you've provided, and the 3 images result of the 3 jobs (original converted into b/w, sepia and negate).

image url :

Captcha : 

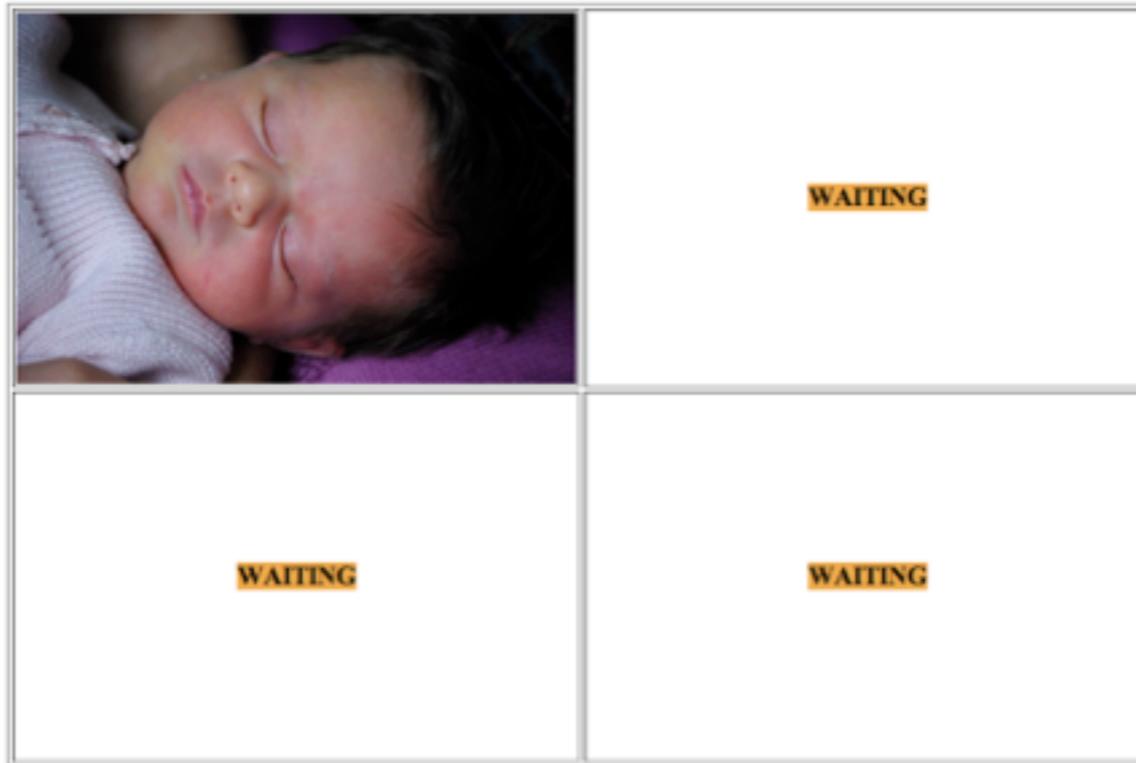
Type the two words:

 stop spam.
read books.

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Start Demo

here are the original image and the three computed by XWHEP @ LRI.



XWHEP @ LRI

Start Demo

here are the original image and the three computed by XWHEP @ LRI.



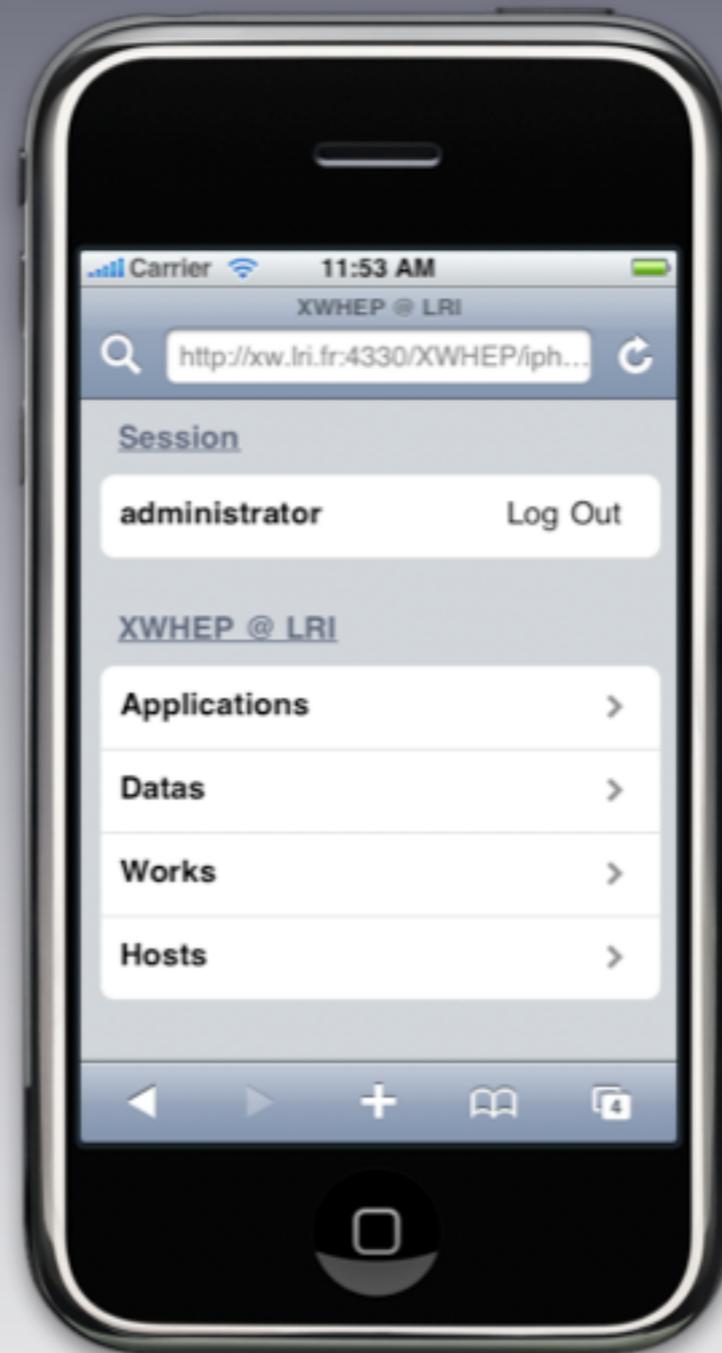
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Start Demo

here are the original image and the three computed by XWHEP @ LRI.



XWHEP @ LRI



XWHEP @ LAL par les nombres

- 1 serveur : auger9.lal.in2p3.fr
- 38 workers connectés.
- 7 utilisateurs enregistrés.
- 4 applications.

Une plateforme “privée”

gcaillat@lal.in2p3.fr

lodygens@lal.in2p3.fr

XWHEP @ LAL & LRI : applications

- **ISDEP** (Fermin Serrano Sanz @ Zaragoza Instituto de Biocomputacion y Fisica de Sistemas Complejos) LAL & LRI

ISDEP is a fusion plasma application which calculates the trajectories of the particles inside a fusion device in the presence of magnetic and electric fields and collisions with a background plasma of a given temperature and density.

- **DSPA** (Gabor Szmetanko & Tamas Kiss @ London Univ. of Westminster) LAL & LRI

Digital Signal Processing in frequency ranges wider than half of the sampling rate OR howto perform Digital Signal Processing without aliasing limitations.

- **DART** (Eddie Al-Shakarchi & Ian Kelley @ Cardiff School of Computer Science, Cardiff University) LAL

Audio analysis algorithms and framework for Music Information Retrieval (MIR).

- **MuonMCMC** (Balázs Kégl @ LAL) LAL & LRI

Technique basée sur le schéma d'estimation "Monte-Carlo Markov Chains" afin d'obtenir une distribution pour le nombre de muons, étant donné le signal enregistré par le détecteur AUGER.

- **Convert** (ImageMagick) LRI

Utilitaire de conversion et de traitement d'images.

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Démo Time



Merci !