

VBrowser GUI for

data management:

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grid experiments:

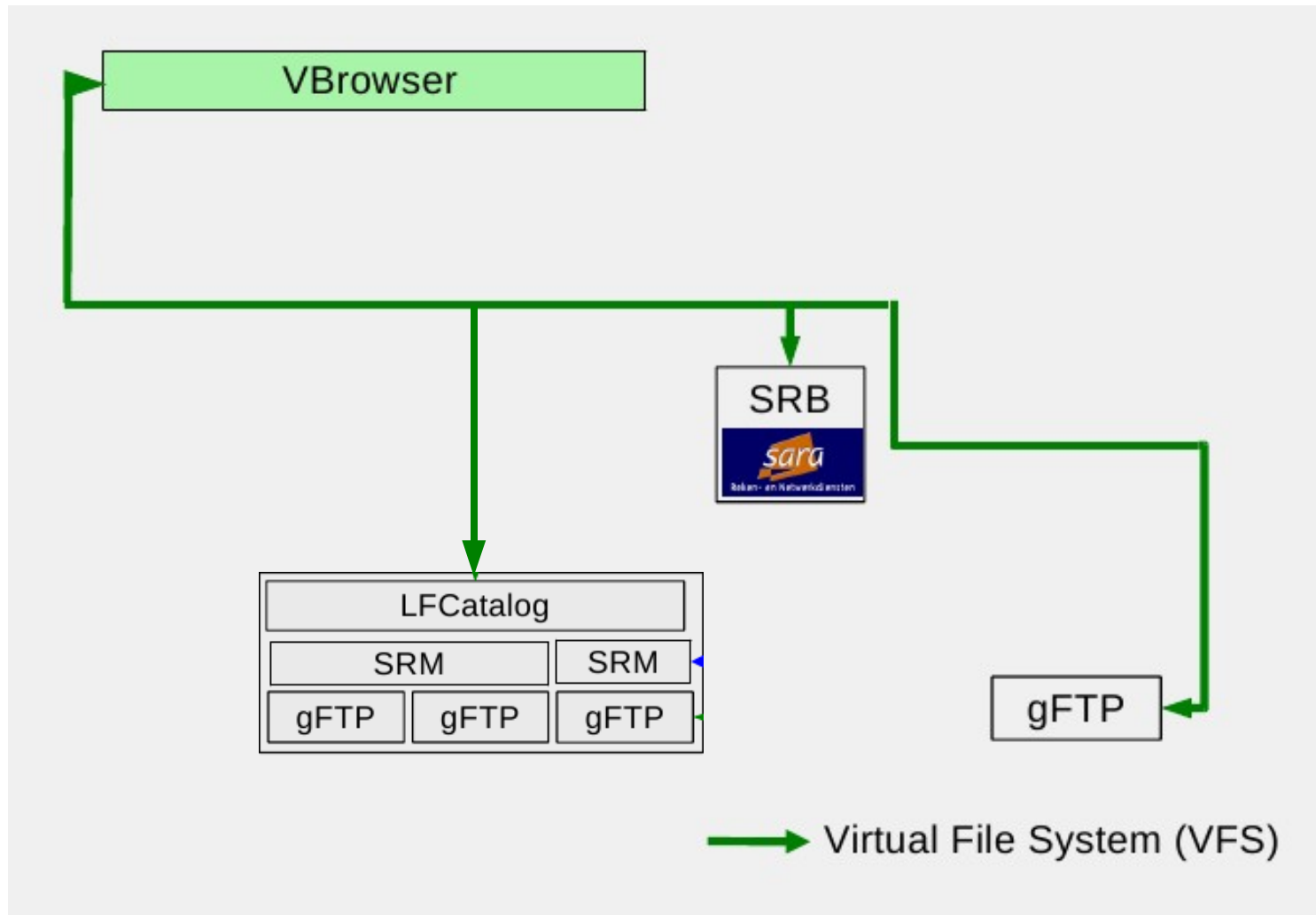
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Tristan Glatard
IRODS workshop, CC-IN2P3
Feb 15th 2009

Data management



Main features

- **Virtual File System**

- Storage-system-independent
- Java API, command-line tool

- **Drivers**

- SRB, gridFTP, LFC, sftp, local, (iRODS to be developed)

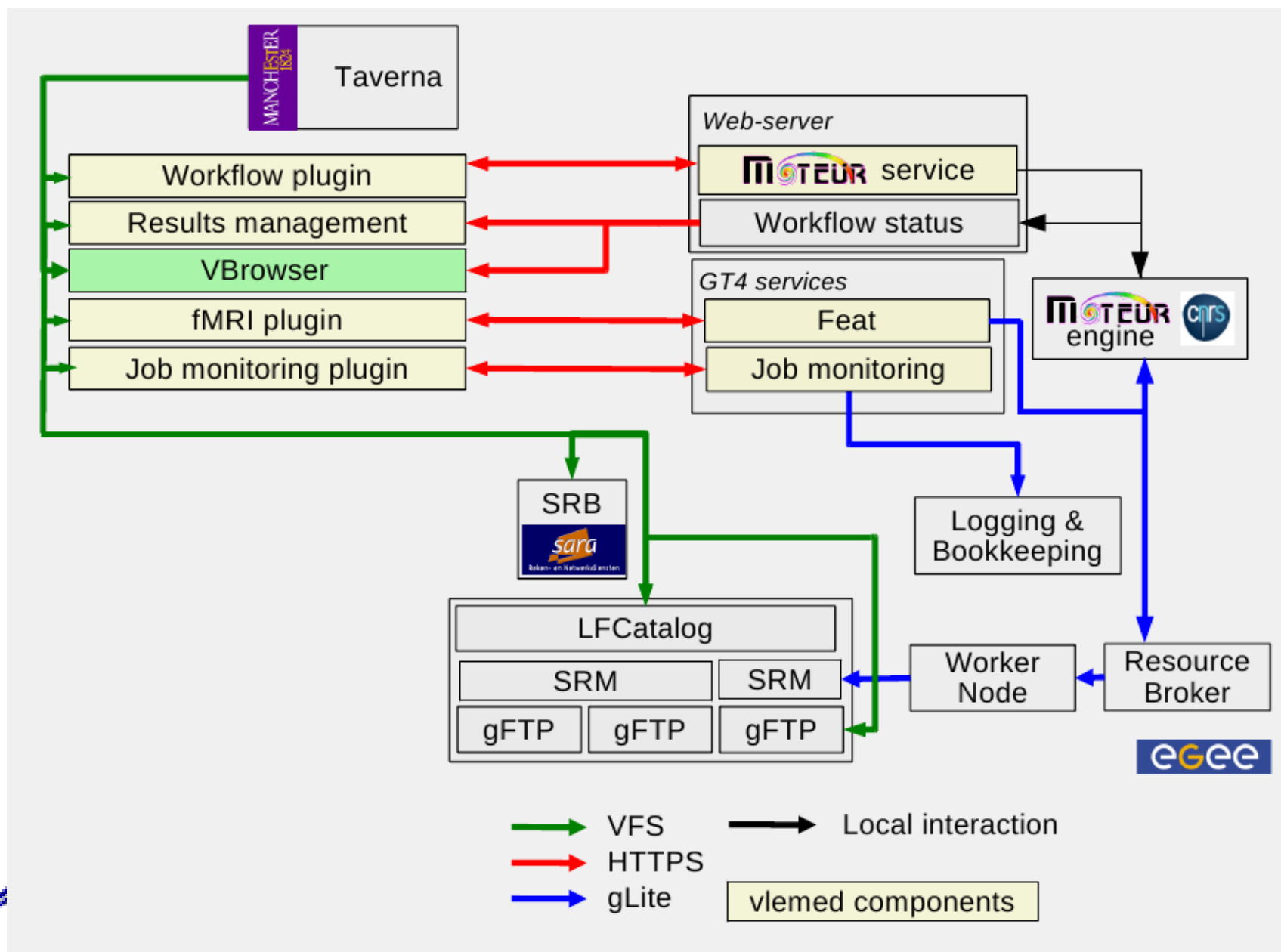
- **Viewers**

- Images, pdf, text, local app, html, etc.

- **gLite plug-ins**

- Job monitoring, submission for fMRI
- Workflow submission / results management

Workflow management



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Resource

- My VIE
 - /home/glatard
 - biomedLFC
 - SRB@sara
 - viz-login
 - gwendia_cardiac
 - vlemed_LFC
 - ale
 - am
 - am-r
 - am-ng-enc
 - back-ups
 - demo-VLFMRI
 - fokke
 - generated
 - glatard
 - jalkemade
 - jeroene
 - kboulebiar
 - martin
 - matthan
 - mdm
 - pitert.de.boer
 - remi
 - data_storage
 - db
 - joblogs
 - masks
 - output
 - output-may-2008
 - output_26-08
 - scripts
 - workflows
 - group
 - individual
 - iaps
 - nback
 - roi
 - groupAnalyzes
 - individualAnalyzes
 - inputs
 - flirt_and_roi_indiv.s
 - http
 - results
 - silvia
 - testVFSLFC
 - testVFSLFC2
 - tristan
 - wibisono
 - garbage.sh
 - hello-1228916611960604456.t
 - ccUI
 - Desktop
 - applisCreatis

Grid files browsing

CobraViewer

Status [Services](#) [Input](#) [Results](#) [Info](#)

Workflow monitoring

roi
done:0
running:10
failed:0

indivAnalysis

flirtIndiv
done:2
running:0
failed:0

zstat2standard

JOB STATUS:workflow-PTlv75

Configuration JobStatus

Update Periodic Refresh(minute): 1

Job Actions

Retrieve Output Cancel jobs Select/Unselect

N#	JobID	JobStatus	link Out	S
1	https://rb.grid.sara.nl:9000...	DONE (SUC...	Not yet...	
2	https://rb.grid.sara.nl:9000...	DONE (SUC...	Not yet...	
3	https://rb.grid.sara.nl:9000...	SCHEDULED	Not yet...	
4	https://rb.grid.sara.nl:9000...	READY	Not yet...	
5	https://rb.grid.sara.nl:9000...	READY	Not yet...	
6	https://rb.grid.sara.nl:9000...	READY	Not yet...	
7	https://rb.grid.sara.nl:9000...	WAITING	Not yet...	

Job monitoring

Workflow inputs

Load from file Save to file Add Parameter List Add Parameter Range Add Parameter Tag Path Delete sel

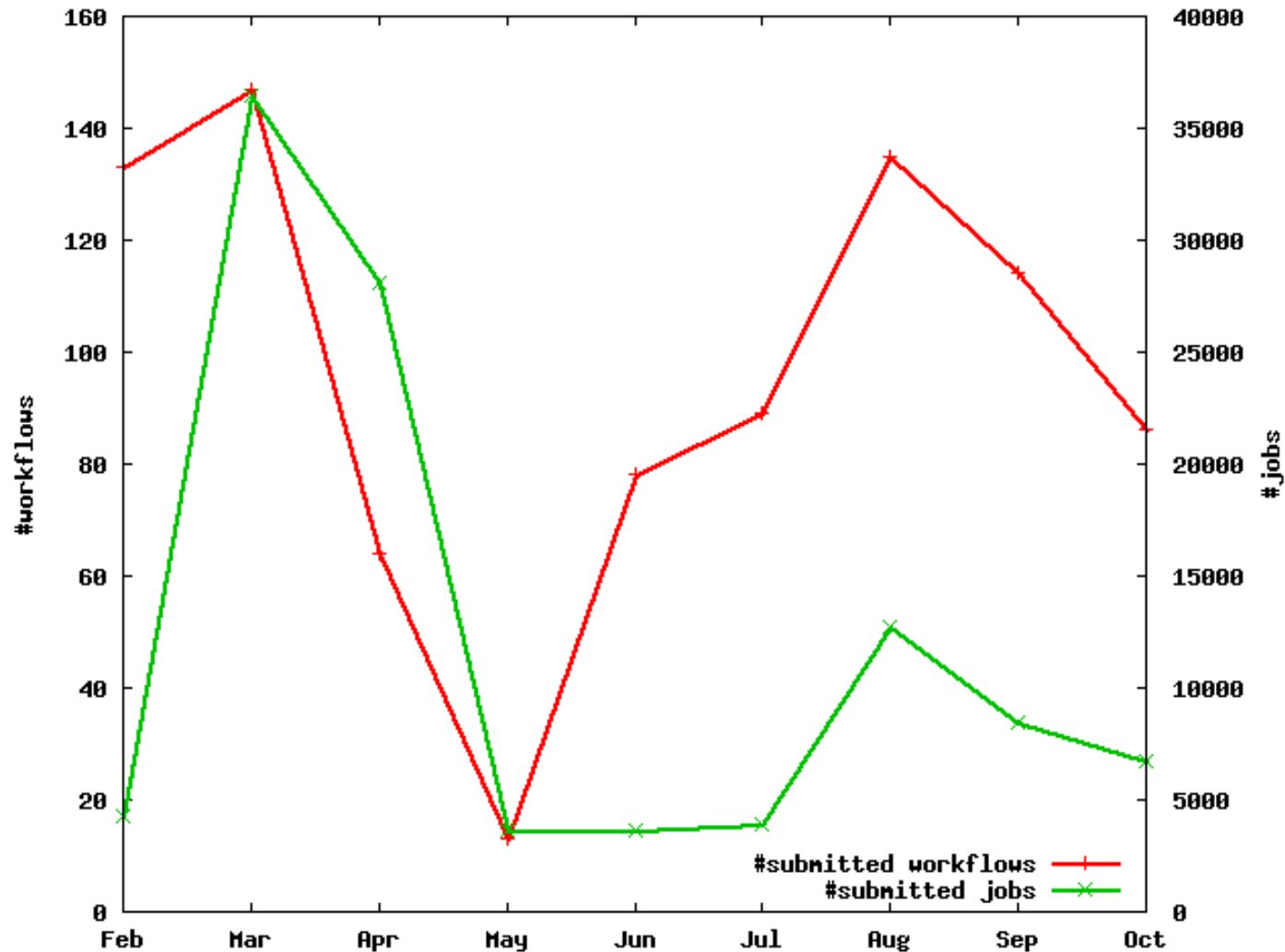
Name: indivAnalysis Group Value: lf://lfc.grid.sara.nl/grid/vlemed/remi/output/feat-dofhigh-12

Name: roi Group Value: lf://lfc.grid.sara.nl/grid/vlemed/remi/amygdLR_bin.nii.gz

Run Workflow Web service URL: https://ws1.grid.sara.nl/~glatard/workflow/workflow-PTlv75/workfl

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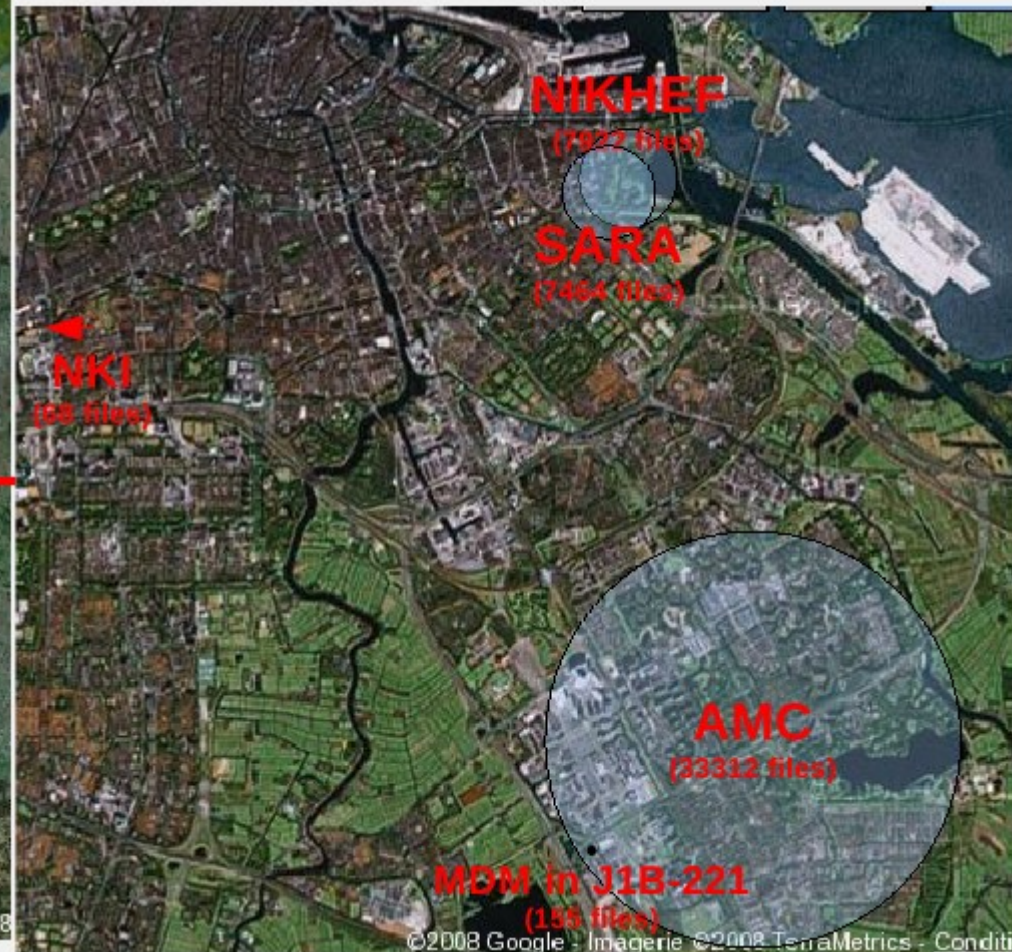
Usage statistics @ Univ. of Amsterdam



- Total: 108,031 jobs
- 5 users (3 grad. students, 1 post-doc, 1 engineer)
- ~ 80 jobs/user/day

Data storage stats

- #files in vlemmed VO on Aug 15th 08
 - The Netherlands
 - Amsterdam



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• Total: 43,751 files

More info...

- **VBrowser official release**

<http://staff.science.uva.nl/~ptdeboer/vlet/>

- **Experiment management plug-ins**

<http://staff.science.uva.nl/~silvia/vlfmri/>

- **CREATIS grid applications**

http://www.creatis.insa-lyon.fr/site/fr/equipe_informatique/calcul/grilles