

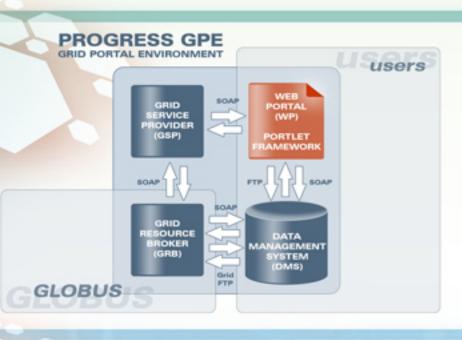
Motivation:

- each portlet must have been designed from scratch
- it has been hard to change the behavior of portlets
- the customization of portlets has always required re-programming
- problem: what if we want to create tens of portlets accessing the same services?

Portlet Framework:

- build portlets to access Web Services
- reuse components of existing portlets in new web applications/portlets
- customize the existing portlets with NO Java coding
- install portlets in any portal framework

project



The PROGRESS project was co-financed by the State Committee for Scientific Research and Sun Microsystems Poland and lasted since December 2001 until the end of 2003. It aimed to deliver an access environment to grid computing resources and services. The project resulted in a set of grid-portal environment tools, which are subject to continuous research and development, and have been deployed to form the PROGRESS HPC Portal.

PROGRESS PF

PORTLETS PROVIDER PROVIDER PROVIDER PROVIDER PROVIDER CONTENT CONTENT CONTENT CONTENT CONTENT GENERATOR GENERATOR GENERATOR GENERATOR GENERATOR REQUEST REQUEST REQUEST EQUEST EQUEST EQUEST HANDLER HANDLER HANDLER HANDLER HANDLER HANDLER SERVICE SERVICE SERVICE SERVICE SERVICE PROXY PROXY PROXY PROXY PROXY WEB SERVICES INVOCATION FRAMEWORK



SOAP

(to GSP, DMS)

Poznan Supercomputing and Networking Center Noskowskiego St. 12/14, 61-704 Poznan, POLAND phone: (+48) 61-858-2161, fax: (+48) 61-858-2151 www: http://progress.psnc.pl/, e-mail: progress@psnc.pl

contact









PROGRESS:PF

e-science

PROGRESS Portlet Framework

PROGRESS Portlet Framework is used to deliver portlets to access the services of the Grid Service Provider and Data Management System

The core portlets:

- · "My computing jobs" to build and submit grid jobs
- · "Applications" to manage grid application
- · "My data" to manage grid data
- · "Management" to manage grid services
- · "News" to deliver portal-like news service

The layered component architecture of the Framework allows to reuse components of the core portlets to create new specialized application portlets

- · Facilitate use of your grid application
- · Create an intuitive job configuration wizard for non-advanced users
- · Enable specialized and custom visualization modules for your grid application

	Add job fo	r Gaussian application
MENU	Job name *	PROGRESS
	Job description	
	Automatically create a new directory to store files for this job	9
	Input file	upload the file
	Checkpoint file	Achie P
	Output file	create new directory to store output files *
	Hest name	choose submetically

DNA Assembly jobs list					
MENU	Job list (2 jobs)				
	Job name	Status	Created on	Action	
Refresh list	Ministellers Missi-assembly	finished submitted	2004-06-15 15 55 55 0 2004-06-16 13 32 09 0		
Cisplay parameters Sort jobs by oreelion date Transcending obsciending	Sente market jobs				
Show only jobs with status any status: I And name containing					
Cropter jobs Dropter all jobs					

Specialized application portlets: Gaussian and DNA Assembly applications

URL: http://progress.psnc.pl/

screenshots

contact



Poznan Supercomputing and Networking Center Noskowskiego St. 12/14, 61-704 Poznan, POLAND phone: (+48) 61-858-2161, fax: (+48) 61-858-2151 www: http://progress.psnc.pl/, e-mail: progress@psnc.pl





