

Report on application porting session:
Time Evolution of spherically symmetric
nonlinear fields

Fodor Gyula
KFKI RMKI

Workflow Editor - [first_a] Mode - Edit

Workflow Edit Options Help

On 100 25 50 75 100 125 150

Job1
A_GEN

first

Job properties

Job name

Parametric key del

Input file text: <X>

Load from File..

Grid

Special attributes

OK

Parameter Key Definition: X

Substitution for Parameter key: X

Type

INT

REAL

CHAR

Format

Free format

Bound format

Length: Left aligned

REAL

Exp: -0.M+E M= E=

Fixed point: W.F W= F=

Floating point

Generated Items

Total generated items:

Index	Value
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Value Definition

Set: Separator:

Set from local File: Browse...

Range From: 1.0 To: 1.1 By: 0.05

Random Seed: Cases: From: To:

OK Cancel Generate

Autogenerator to define parameters

Job of original Program

Environmental variables

Attributes Editor - [Job1]

Environment Output Data

MyProxy server:

Environment variables


Name: Value:

Name	Value
LCG_CATALOG_TYPE	lfc
LFC_HOST	lfc-gilda.ct.infn.it
LCG_GFAL_INFOSYS	grid004.ct.infn.it:2170

Add Remove

OK Cancel

Place input files on storage element

Job1 / 0 PS properties 

PS Port name

Type In Out

Directory type Local Remote

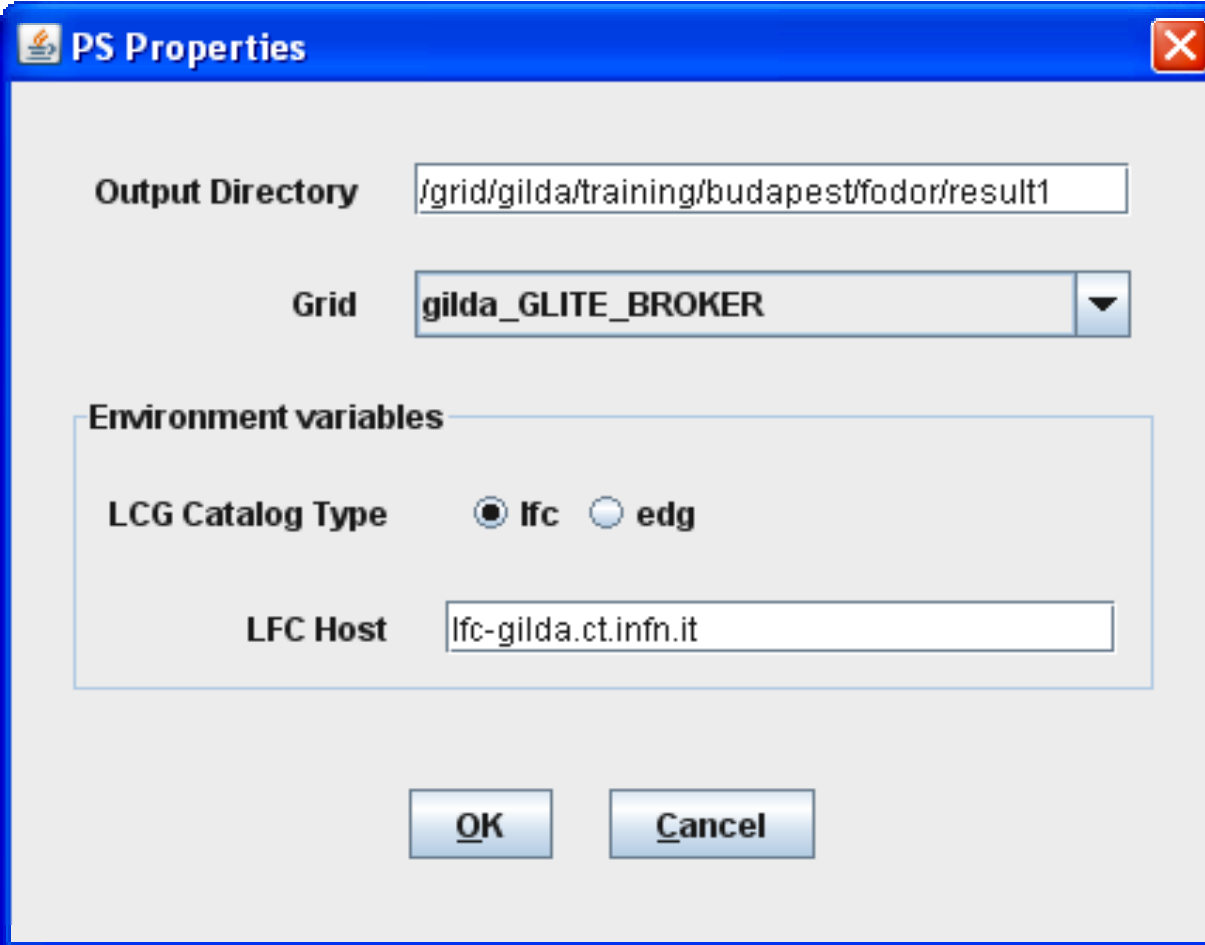
Directory

managed copy

Internal File Name

File storage type Permanent Volatile

Place of smaller output files



The image shows a dialog box titled "PS Properties" with a blue title bar and a close button in the top right corner. The dialog contains several fields and options:

- Output Directory:** A text input field containing the path `/grid/gilda/training/budapest/fodor/result1`.
- Grid:** A dropdown menu with the selected value `gilda_GLITE_BROKER`.
- Environment variables:** A section enclosed in a light blue border containing:
 - LCG Catalog Type:** Two radio buttons, `lfc` (selected) and `edg`.
 - LFC Host:** A text input field containing `lfc-gilda.ct.infn.it`.

At the bottom of the dialog are two buttons: `OK` and `Cancel`.

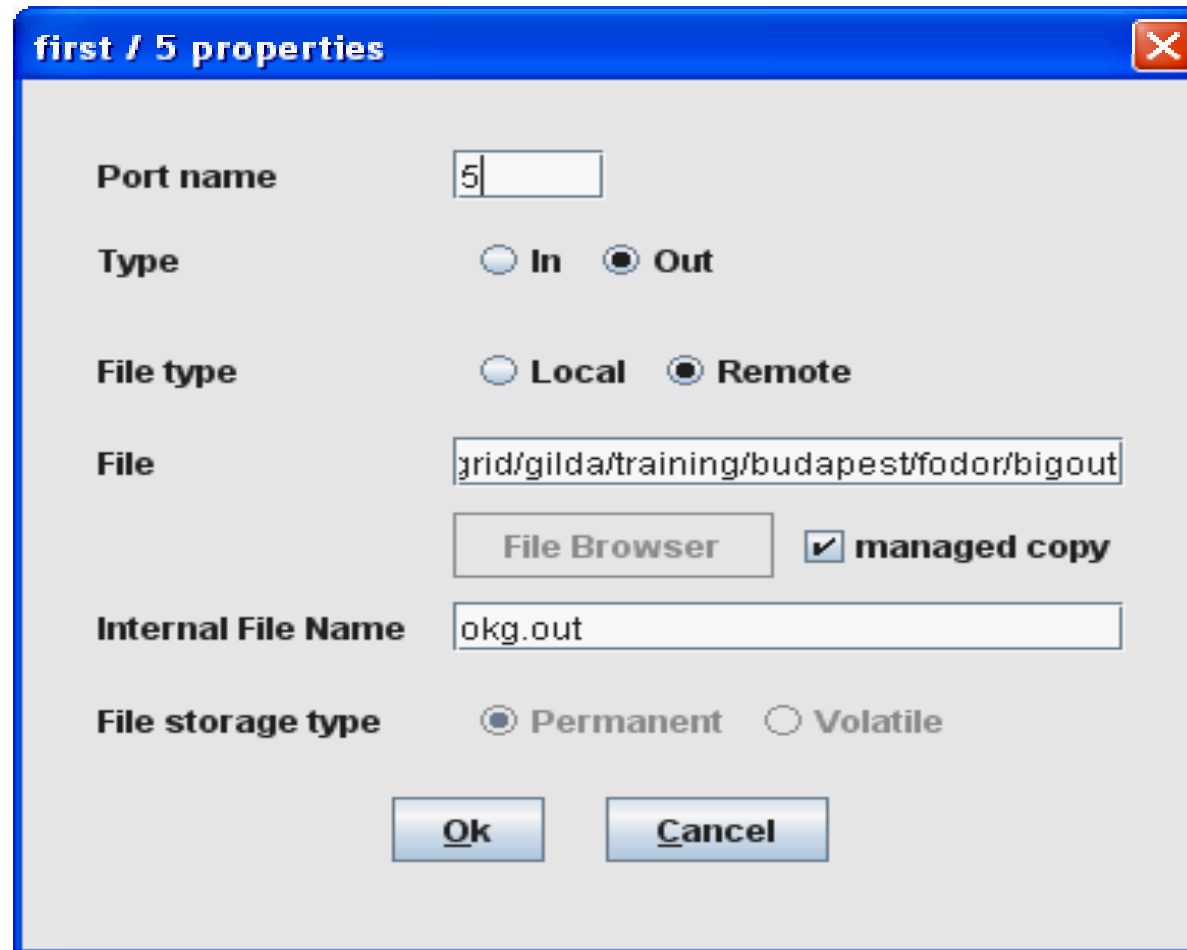
Local output files go to storage element

The image shows a dialog box titled "first / 2 properties" with a close button in the top right corner. The dialog contains the following fields and options:

- Port name:** A text box containing the number "2".
- Type:** Radio buttons for "In" (unselected) and "Out" (selected).
- File type:** Radio buttons for "Local" (selected) and "Remote" (unselected).
- File:** An empty text box.
- File Browser:** A button labeled "File Browser".
- managed copy:** A checked checkbox.
- Internal File Name:** A text box containing "lifetime.out".
- File storage type:** Radio buttons for "Permanent" (selected) and "Volatile" (unselected).

At the bottom of the dialog are two buttons: "Ok" and "Cancel".

Large output files are placed at specified location



The image shows a dialog box titled "first / 5 properties" with a close button in the top right corner. The dialog contains the following fields and options:

- Port name:** A text box containing the number "5".
- Type:** Radio buttons for "In" and "Out", with "Out" selected.
- File type:** Radio buttons for "Local" and "Remote", with "Remote" selected.
- File:** A text box containing the path "grid/gilda/training/budapest/fodor/bigout". Below it is a "File Browser" button and a checked checkbox labeled "managed copy".
- Internal File Name:** A text box containing "okg.out".
- File storage type:** Radio buttons for "Permanent" and "Volatile", with "Permanent" selected.

At the bottom of the dialog are "Ok" and "Cancel" buttons.

Second task: workflow application

