

GridPP New User Engagement Programme Initial Requirements Capture

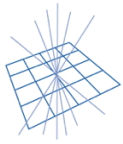
Community name: _____

Point of contact: _____

GridPP point of contact: _____

Please provide a brief summary of the proposed activity.

DRAFT



The User Community

This section aims to capture information about the user community, both in terms of the organisations and individuals involved.

Please list the organisations involved (apart from GridPP) in the box below.

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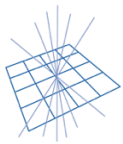
Have any of these organisations been involved with grid activities before?

Yes No

Please list the users involved at this stage. See the guidance notes for more information.

User	Title	Role	Org. type	UK?	T1/2?	RA?	Grid?

DRAFT



The current workflow

This section aims to capture information about the current workflow, the software it uses, and how data is managed in the current setup.

Please provide a brief description of the current workflow. Use diagrams where appropriate.

Where does the workflow currently run?

How do the users interact with the workflow?

Software

What software is required to run the workflow?

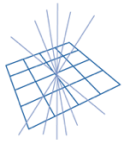
Does the software require a license?

Where is the source code for the software available? Where is it hosted? Is it publicly available? If not, can access be granted to GridPP members?

Datasets

What is the input to the workflow? Where is this stored?

What is the output from the workflow? Where is this stored?



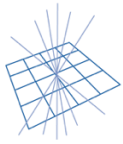
Are there any intermediary datasets that need to be stored?

How are datasets managed in the current workflow? Are they catalogued? How is metadata managed in the current workflow?

Legacy infrastructure

Are there any legacy infrastructure requirements to consider? Have distributed computing systems been used to execute the workflow or manage datasets in the past?

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Moving to the Grid

This section addresses characteristics of the workflow that may impact on how it can be executed on the grid.

The User Interface (UI)

Do the users have access to a grid-ready cluster?

Yes No

Do the users have access to a command line with ssh?

Yes No

Do the users have access to hardware capable of running a Virtual Machine?

Yes No

Please provide any additional information on UI considerations in the box below.

Networking

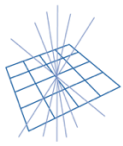
How do the users connect to the Internet?

What kind of bandwidth is available on their connection?

Do the users connect to the Internet from behind a firewall?

Yes No

Please provide any additional information on networking in the box below.



Workflow

Which parts of the workflow could be moved to the grid?

Please provide any additional information on the workflow in the box below.

Software

Which software components would need to run on the grid?

Can these components run on SL6? If not, can they be compiled to run on SL6?

Does any of the software require a license to run?

Yes No

Please provide any additional information on the software in the box below.

Datasets

What input datasets will need to be uploaded to the grid?

What output datasets will need to be retrieved from the grid?

Are there any intermediary datasets that need to be stored on the grid?

Please provide any additional information about the datasets in the box below.