Outlook

INC1609499 - Update - Help with BEAR compute

From Service Desk <servicedesk@servicedesk.bham.ac.uk>
Date Wed 18/06/2025 16:39
To   Anubrata das (Cancer and Genomic Sciences) <a.das.1@bham.ac.uk>

INCIDENT

UNIVERSITY OF BIRMINGHAM | IT SERVICES

Reference Number:	[INC1609499](INC1609499)
Short Description:	Help with BEAR compute

Dear Anubrata,

There's been an update to your call. Here's what's been added:

18-06-2025 16:38:36 BST - Chris Greasley (Advanced Research Computing)   User Notes
At some point in the pipeline, Matplotlib should be told how to cache files. How is this being configured at present?

I don't know what your config file looks like, but you could workaround this issue with the pipeleine and expose your home directory in the nexflow config file:

Something like:

```
apptainer {
runOptions = "-B ${HOME}"
}
```

Or if you wanted to leave your home directory from being exposed, you could define a new location for the matplotlib cache and bind that in the nextflow config. (This would need to already exist on your host system)

e.g.

```
env {
MPLCONFIGDIR = "${PWD}/.apptainer_cache/matplotlib"
}

apptainer {
runOptions = "-B ${PWD}/.apptainer_cache"
}
```

If you want to see a default config for working on BlueBEAR, have a look at https://github.com/nf-core/configs/blob/master/conf/bluebear.config.
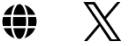
Best regards,
chris

Attachments (requires login):
matplotlib_directory.png

Thank You

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