

# DIRAC web interface

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# DIRAC web GUI

User certificate must be loaded on your browser

`https://dirac.ihep.ac.cn/DIRAC/`

The screenshot displays the DIRAC web GUI interface. At the top center, the DIRAC logo is visible, consisting of a stylized hexagonal shape made of colored segments (green, red, black) followed by the text "DIRAC" in large grey letters and "THE INTERWARE" in smaller red letters below it. The background features a pattern of these colored hexagons.

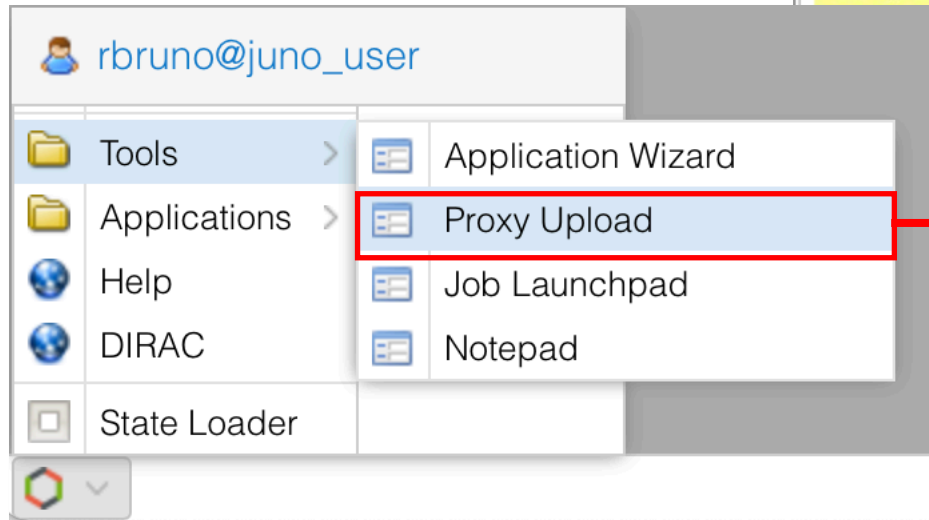
On the left side, there is a user menu. The top part of this menu is highlighted with a red box and contains a user icon and the text "rbruno@juno\_user". Below this, there are several menu items: "Tools" with a folder icon and a right-pointing arrow, "Applications" with a folder icon and a right-pointing arrow, "Help" with a globe icon, "DIRAC" with a globe icon, and "State Loader" with a square icon.

At the bottom left, there is a small dropdown menu with the DIRAC logo icon and a downward arrow. A red arrow points from the text box below to this dropdown.

At the bottom right, there is a navigation bar with several dropdown menus: "View" with a "desktop" option, "rbruno" with a dropdown arrow, "@", "juno\_user" with a dropdown arrow, and "CAS\_Production" with a dropdown arrow. A red arrow points from the text box below to the "rbruno" dropdown.

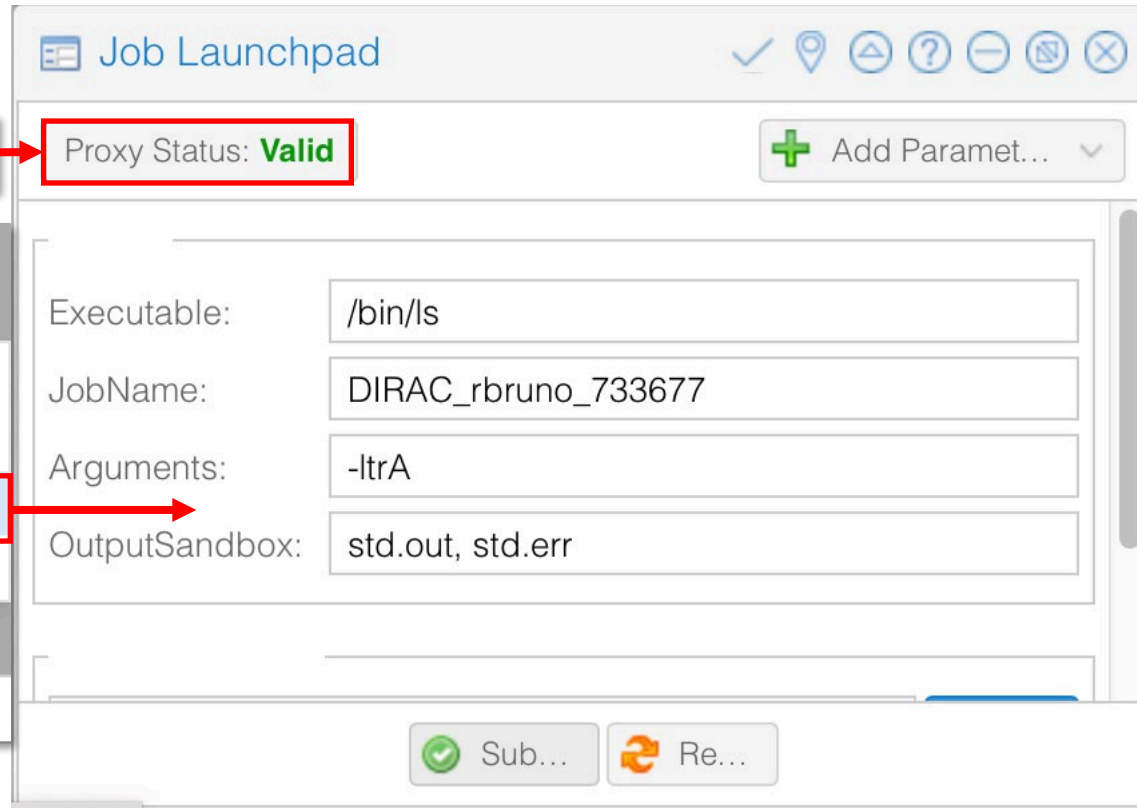
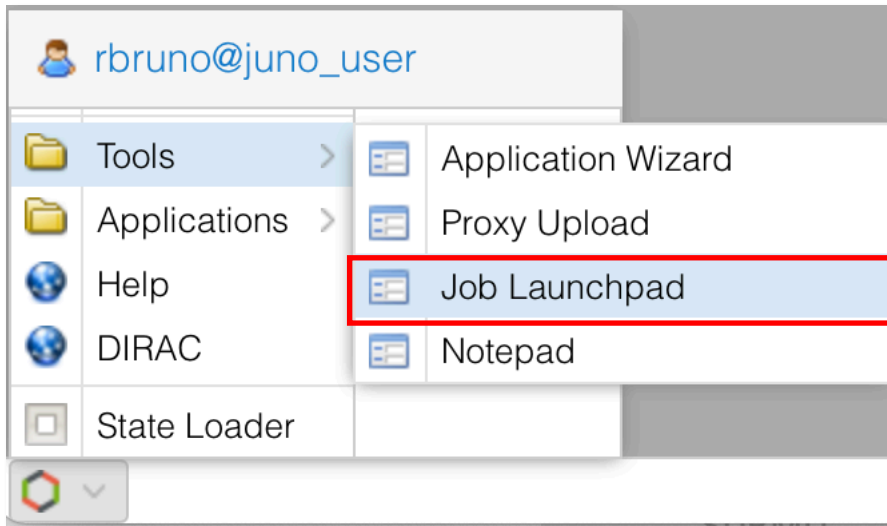
Two yellow text boxes with red arrows provide instructions: "User certificate must be loaded on your browser" points to the top of the page, and "Check your membership is recognised" points to the user menu area.

# Proxy upload



# Job launchpad

Green after uploading proxy, see slide before



# Job Monitor

Setup filter values

Submit values

Job Monitor

Selectors

Application Status:

Owner:

OwnerGroup:

Job Group:

Job Type:

Site:

Sub... Re... Refre...

JobId	Status	Application...	Site	LastUpdate[UTC]	LastSignOfLife[UTC]
<input type="checkbox"/> 8427910	Done	Unknown	GRID.JINR...	2021-03-19 16:22:09	2021-03-19 16:22:09
<input type="checkbox"/> 8426745	Done	Unknown	GRID.INFN...	2021-03-19 08:33:41	2021-03-19 08:33:41

View desktop | rbruno | @ | juno\_user | CAS\_Production

# Job output

The image shows a job management interface with a table of jobs. A right-click context menu is open over the first job (ID 8427910, status Done). The menu includes options like 'Attributes', 'Parameters', 'Logging info', 'Peek StandardOutput', 'Get LogFile', 'Get Pending Request', 'Get StagerReport', 'Actions', 'Pilot', and 'SandBox'. The 'SandBox' option is highlighted, and a sub-menu is open showing 'Get input file(s)', 'Get output file(s)', and 'Get StdOut'. A red box highlights 'Get StdOut' in this sub-menu, with an arrow pointing to a terminal window. The terminal window, titled 'Pilot StdOut for JobID:8426745', displays the following output:

```
=====  
2021-03-19 08:31:43 UTC DEBUG Environment of execution host  
2021-03-19 08:31:43 UTC DEBUG TMP=/home/condor/execute//dir_6293  
2021-03-19 08:31:43 UTC DEBUG  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_CHIRP_CONFIG=/home/condor/execute//dir_6293/.chirp.config  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_JOB_PIDS=  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_ANCESTOR_2930=5498:1612346603:4155386379  
2021-03-19 08:31:43 UTC DEBUG HOME=/home/piljuno019  
2021-03-19 08:31:43 UTC DEBUG  
2021-03-19 08:31:43 UTC DEBUG PATH=/usr/local/sbin:/usr/local/bin:/sbin:/bin:/usr/sbin:/usr/bin:/root/bin  
2021-03-19 08:31:43 UTC DEBUG TEMP=/home/condor/execute//dir_6293  
2021-03-19 08:31:43 UTC DEBUG SHLVL=1  
2021-03-19 08:31:43 UTC DEBUG _CHIRP_DELAYED_UPDATE_PREFIX=Chirp*  
2021-03-19 08:31:43 UTC DEBUG  
2021-03-19 08:31:43 UTC DEBUG X509_USER_PROXY=/home/condor/execute//dir_6293/tmpSeJM11  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_JOB_IWD=/home/condor/execute//dir_6293  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_BIN=/usr/bin  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_ANCESTOR_5498=6293:1616142703:2403723975  
2021-03-19 08:31:43 UTC DEBUG VO_CMS_SW_DIR=/cvmfs/cms.cern.ch  
2021-03-19 08:31:43 UTC DEBUG HTCONDOR_JOBID=1688625.1  
2021-03-19 08:31:43 UTC DEBUG BATCH_SYSTEM=HTCondor  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_ANCESTOR_6293=6315:1616142703:3421590191  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_SLOT=slot1_52  
2021-03-19 08:31:43 UTC DEBUG  
2021-03-19 08:31:43 UTC DEBUG _CONDOR_MACHINE_AD=/home/condor/execute//dir_6293/.machine.ad  
2021-03-19 08:31:43 UTC DEBUG _=/usr/bin/env  
2021-03-19 08:31:43 UTC DEBUG TMPDIR=/home/condor/execute//dir_6293  
2021-03-19 08:31:43 UTC DEBUG CONDORCE_COLLECTOR_HOST=ce01-
```

Right click

Download .tar.gz file