

diet-list

job listing utility

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Version 1.1

Abstract

diet-list can list jobs existing on a machine. This command takes in argument **the name of the machine** from which we want to get the list of jobs. It's also possible to get the *total number of jobs*, or the number of jobs in either *running* or *waiting* states with the following options: **-nball**, **-nbrun** and **-nbwait** respectively..

1 Synopsis

diet-list [**-config** *diet_config_file*] **-host** *machine* [**-nball** | **-nbrun** | **-nbwait**] [**-h**] [**-help**]

2 Description

diet-list uses the configuration file *diet_config_file* defined with the **-config** option to be able to get information about the *machine* defined with the **-host** option. If the **-config** option is not set, *diet-list* will use `$HOME/.diet/client.cfg`. If this file does not exist, the path to the client configuration file could also be defined with the `DIET_CLIENT_CONFIG` environment variable.

Once *diet-list* has found a DIET architecture, a list of jobs is retrieved and printed on the screen.

By using the **-nball** option, you get the total number of jobs on the *machine* instead of the jobs list.

By using the **-nbrun** option, you get the number of *running* jobs on the *machine* instead of the jobs list.

By using the **-nbwait** option, you get the number of *waiting* jobs on the *machine* instead of the jobs list.

[**-config** *diet_config_file*] Configuration file used by *diet-list* to be able to get the list of jobs from *machine*. This option can be omitted. In that case

we fall back to the default configuration file `$HOME/.diet/client.cfg`.
The configuration file path could also be defined through a environment variable : `DIET_CLIENT_CONFIG`.

- `-host machine` Name of the machine we want to get the list of jobs, the total number of jobs or the number of jobs in either *running* or *waiting* state.
- `-nball` The total number of jobs on *machine*.
- `-nbrun` The number of *running* jobs on *machine*.
- `-nbwait` The number of *waiting* jobs on *machine*.
- `-h|-help` Some help about *diet-list*

3 Files and variables

`$HOME/.diet/client.cfg` Default configuration file for *diet-list*.

`DIET_CLIENT_CONFIG` Variable that could store the path the *diet-list* configuration file

`OMNIORB_CONFIG` Variable defining the path to the omniORB configuration file

4 Example

How to list the number of jobs on the *foo* machine?

`diet-list -config path_to_the_configuration_file -host foo`

How to get the number of jobs on the *bar* machine?

`diet-list -config path_to_the_configuration_file -host bar -nball`

How to get the number of *running* jobs on the *foobar* machine?

`diet-list -config path_to_the_configuration_file -host foobar -nbrun`

How to get the number of *waiting* jobs on the *foobar2* machine?

`diet-list -config path_to_the_configuration_file -host foobar2 -nbwait`

5 See also

diet-submit(1), *diet-cancel*(1), *diet-agent*, *omniNames*.

6 Prerequisites

DIET *diet-list* requires a DIET installation with version `>= 2.3`.

7 Version

Version: 1.1 of November 11, 2010.

8 License et Copyright

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