

# diet-submit

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## job submission utility

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### Abstract

*diet-submit* can submit jobs on a machine through the use of a script. This command takes in argument **the name of the machine** on which we want to submit the script.

## 1 Synopsis

*diet-list* [**-config** *diet\_config\_file*] **-host** *machine script*

## 2 Description

*diet-submit* 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-submit* 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-submit* has found the configuration file, the *script* can then be submitted on the *machine*.

[**-config** *diet\_config\_file*] Configuration file used by *diet-submit* to be able to submit a script on *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 where we want to submit a job.

**-h|-help** Some help about *diet-submit*.

**script** The script to submit.

### 3 Files and variables

**\$HOME/.diet/client.cfg** Default configuration file for *diet-submit*.

**DIET\_CLIENT\_CONFIG** Variable that could store the path the *diet-submit* configuration file

**OMNIORB\_CONFIG** Variable defining the path to the omniORB configuration file

### 4 Example

How to submit a job on the *foo* machine?

**diet-submit -config path\_to\_the\_configuration\_file -host foo script.cmd**

### 5 See also

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

### 6 Prerequisites

**DIET** *diet-submit* requires a DIET installation with version  $\geq 2.3$ .

### 7 Version

Version: 1.1 of November 11, 2010.

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