dcron-cli Documentation

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Contents

The aim of dcron is to offer cron like behaviour spanning multiple machines. This is a command line interface for interacting with dcron.

Installing the package

You need python 3.4+ or higher to run this package. The package can be installed using `pip install dcron-cli.`

CHAPTER 2

Running the package

Our package is self contained, so you can start it by simply calling `dcron-cli`.

Command line flags

Usage: dcron-cli [OPTIONS] COMMAND [ARGS]...

> This CLI allows you to manage dcron installations. Check your config file for settings, the default location is in your home folder under *~/.dcron/sites.json*.

Options:

> **-c, --config-file TEXT**   configuration file (created if not exists, default: ~/.dcron/sites.json)
>
> **-s, --site-name TEXT**   Name of the site to interact with (default: *default*)
>
> **-m, --selection-mechanism TEXT**   selection mechanism for communicating with our clusters (first, last, random, *ip*, default: first)
>
> **--help**   Show this message and exit.

Commands: a add a site add add job to cluster details job details from cluster export export jobs on cluster import import jobs on cluster info get site info jobs show cluster jobs kill kill defined job on cluster logs job logs from cluster ls list all site names remove remove job from cluster rm remove an existing site run run defined job on cluster running show running cluster jobs status show cluster status

CHAPTER 4

sites.json

Sites is a JSON serialized file which has the following form:

```
[{"_type": "site", "name": "default", "servers": "[\"localhost\"]", "port": 8080, "ssl
→": false, "log_level": "info", "username": "", "password": ""}]
```

In order to add a site, add a block between brackets and fill in the name and servers (optionally configure http basic authentication with username and password.

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