

NAME

scictl - command line client to scid

SYNOPSIS

scictl job-add *project tag*
scictl job-todo *worker*
scictl project-add *name desc url script*
scictl project-info *name*
scictl project-list
scictl project-update *name key value*
scictl worker-add *name desc*
scictl worker-list

DESCRIPTION

The **scictl** utility is a command line client that connects to scid(8) daemon. It is best used in conjunction with automated programs (such as cron) and SCM integration to add new jobs to execute. It is also used as administrative utility to create projects and workers.

The following options are available *before* the command name:

-k *key*

Set the API authentication to *key*.

-u Set the *url* for connecting to scid(8). You can specify a scheme using "http://" or "https://".
Default: "localhost".

It is part of the sci(7) continuous integration framework.

COMMANDS

All commands are designed to return a human readable format but is guaranteed to stay compatible across new versions. It can be used in scripts as well.

job-add Create a new job for the given *project* using the user arbitrary *tag* identifier.

job-todo List jobs that must be performed by the given *worker* name. Jobs that were created earlier than the worker will not be listed to avoid evaluating a possible high number of jobs.

project-add Create a new project with *name*, a user description set with *desc*, an arbitrary website *url*, and a script code to execute specified by file *script*. If the *script* argument is set to "-"

the standard input is read instead.

project-info Get the detailed information, including the script code from *project*.

project-list List all projects, excluding the script code.

project-update Update an existing *project* by setting its new fields.

The *key* argument should be one of the argument name is similar to the **project-add** command. For example, to update the description of a project one should specify "desc" as *name* argument and a new description as *key*.

worker-add Create a new worker with *name* user identifier and an arbitrary *desc* description.

worker-list List all workers present on the system. It does not indicate if those workers are actually running.

ENVIRONMENT

The following environment variables affects **scictl**:

SCI_API_URL

Points to a HTTP URL where **scid** is running. Must start with a HTTP scheme such as "http" or "https".

SCI_API_KEY

Secret API key to perform requests.

EXAMPLES

Add a new worker named OpenBSD with identifier openbsd

```
$ scictl worker-add openbsd OpenBSD
```

Add a project hello that executes a script shell.

```
$ scictl project add hello "Hello World" http://hello.org hello.sh
```

Add a new job for the project hello with as argument "world"

```
$ scictl job-add hello world
```

Update the project hello with new description and new code

```
scictl project-update example desc "Hello World v2"  
scictl project-update example script hello2.sh
```

SEE ALSO

sci(7), scid(8), sciworkerd(8)