RENKU CHEATSHEET

Getting Started

```
$ pip install renku
```

Install with pip

```
$ renku init my-renku-project
$ cd my-renku-project
```

Starting a Renku project.

Datasets

```
$ renku dataset create <dataset>
```

Create a new dataset.

```
$ renku dataset ls
```

List all datasets in the project.

```
$ renku dataset rm <dataset>
```

Remove a dataset.

```
$ renku dataset add <dataset> <url>
```

Add data from <url> to a dataset. <url> can be a local file path, an http(s) address or a Git git+http or git+ssh repository.

```
$ renku dataset add <dataset> --source <path>
[--destination <rel-path>] <git-url>
```

Add only data in <path> from Git. With –destination: location the data is copied to.

```
$ renku dataset update <dataset>
```

Update files in a dataset based on their source.

```
$ renku dataset tag <dataset> <tag> [-d <desc>]
```

Add a tag to the current version of the dataset, with description <desc>.

```
$ renku dataset ls-tags <dataset>
```

List all tags for a dataset.

```
$ renku dataset rm-tags <dataset> <tags...>
```

Remove tags from a dataset.

```
$ renku dataset import <uri>
```

Import a dataset. <uri> can be a Renku, Zenodo or Dataverse URL or DOI.

```
$ renku dataset export <dataset> <provider>
```

Export the dataset <dataset> to <provider>. Providers: Zenodo, Dataverse.

```
$ renku dataset ls-files
```

List all dataset files in project.

```
$ renku dataset unlink <dataset> [--include
<path|pattern>]
```

Remove files from a dataset.

Running Workflows Config

```
$ renku config set <key> <value>
```

Set entry <key> to <value> in renku config.

```
$ renku config remove <key>
```

Unset entry <key> renku config.

```
$ renku config show [<key>]
```

Show current configuration.

Misc

```
$ renku doctor
```

Check your system and repository for potential problems.

Configuration Options

- **registry**: Docker image registry
- **zenodo.access_token**: Token for Zenodo export
- **dataverse.access_token**: Token for Dataverse export
- **show_lfs_message**: Whether to show the LFS warning message
- **lfs_threshold**: Size threshold below which files aren't added to LFS

Resources

Public instance of Renku:
`https://renkulab.io/`
Github:
`https://github.com/SwissDataScienceCenter/renku`
Documentation:
`https://renku.readthedocs.io/en/latest/`
Renku-Python Documentation:
`https://renku-python.readthedocs.io/en/latest/`
SDSC:
`https://datascience.ch/`

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