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**CLSLQ**

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## 1.1 clsq package

### 1.1.1 Subpackages

clsq.notion package

Submodules

clsq.notion.blocks module

clsq.notion.databases module

`database()`

clsq.notion.pages module

clsq.notion.searchall module

Module contents

clsq.templates package

## Submodules

`clsq.templates.monthreport` module

`clsq.templates.weekreport` module

## Module contents

### 1.1.2 Submodules

#### 1.1.3 `clsq.cli` module

`cli`

`click.group(name=' main' )`

#### 1.1.4 `clsq.cli_cls_q_notion` module

**`cli_month`** (*client, clsconfig, remove, force, send*)

Generate work report every month

##### 参数

- **`client`** (*object*) –Notion client instance
- **`clsconfig`** (*dict*) –Config instance of `.clsq.json`
- **`remove`** (*bool*) –Remove dumped files or not
- **`force`** (*bool*) –Force generate or not
- **`send`** (*bool*) –Send email or not

**`cli_week`** (*client, clsconfig, excel, remove, force, send*)

Generate work report every week

##### 参数

- **`client`** (*object*) –Notion client instance
- **`clsconfig`** (*dict*) –Config instance of `.clsq.json`
- **`excel`** (*bool*) –Support dump excel or not
- **`remove`** (*bool*) –Remove dumped files or not
- **`force`** (*bool*) –Force generate or not
- **`send`** (*bool*) –Send email or not



### 1.1.5 clsq.cli\_cls\_q\_pip module

cli\_cls\_q\_pip

Usage: clsq pip [OPTIONS]

The wrapper for pip, use local pypi as default.

#### Options:

- t, --trusted-host TEXT** The trusted mirror host, default: tuna mirror.
- i, --pypi TEXT** The pypi mirror url, default use: <https://pypi.org/>
- h, --help** Show this message and exit.

### 1.1.6 clsq.cli\_cls\_q\_upgrade module

### 1.1.7 clsq.cli\_cls\_q\_venv module

### 1.1.8 clsq.cli\_git module

### 1.1.9 clsq.cli\_notion\_backup module

clsq\_notion\_backup

Notion client in python, notion-py is required

Usage: clsq notion\_backup [OPTIONS]

### 1.1.10 clsq.cls\_q\_notion\_export module

**exporter** (*client, clsconfig*)

Get week tasks, dump them into month table

Search all pages and child pages that are shared with the integration.

The results may include databases. The query parameter matches against the page titles. If the query parameter is not provided, the response will contain all pages (and child pages) in the results.

The filter parameter can be used to query specifically for only pages or only databases.

### 1.1.11 clsq.clsq\_notion\_mreport module

**class MonthReport** (*wbname*)

基类: *clsq.clsq\_notion\_report.Report*

**belongs** (*date*)

**block\_common\_types** (*client, b*)

**block\_list\_children** (*client, block, tag, level=0*)

Recursive function

**block\_parse\_table** (*client, b*)

**block\_parse\_table\_cell\_properties** (*properties, key*)

**content\_parse\_richtext** (*item, text*)

Parse Notion Column content

参数

- **item** (*dict*) –Notion Column content
- **text** (*str*) –Unicode string means column title

返回 Cell result

返回类型 *str*

**content\_parse\_state** (*item*)

**content\_parse\_title** (*item*)

**content\_parse\_type** (*item*)

**img\_url\_to\_base64** (*url*)

**init** (*title, user, department, force*)

**property mtitle**

**parse\_week\_tasks** (*database, weekdatestr*)

**render\_block\_items** (*client, page*)

**render\_block\_list** (*client, block, tag, level*)

Recurisve <ol><ul><li> tags management

**render\_directions** (*database*)

**render\_duties** (*database*)

**render\_html** (*title*)

Render html form template

Note that some of the email display methods only support inline-css style, This method support inline-css for table headers and rows.

参数 **title** (*str*) –Title of html and email subject

**render\_itor\_database** (*client, dbid, title, database, force*)

**render\_maintainance** (*database*)

**render\_maintarget** (*database*)

**render\_patent** (*database*)

**render\_programming\_work** (*database*)

**render\_reading\_books** (*client, database*)

**render\_reading\_share** (*database*)

**render\_review** (*database*)

**render\_study\_html** (*title*)

Render html form template

Note that some of the email display methods only support inline-css style, This method support inline-css for table headers and rows.

参数 **title** (*str*) –Title of html and email subject

**render\_study\_note** (*client, database*)

**render\_teamtarget** (*database*)

**render\_techissues** (*database*)

**render\_technology** (*database*)

**week\_belongs** (*sdate, edate*)

### 1.1.12 clsq.clsq\_notion\_report module

**class Report** (*wbname*)

基类: *object*

Base class of Report

参数 **object** (*wbname*) –Workbook name, generated document file name

**property now**

**remove\_files** ()

Removes all generated files

**render\_html\_without\_inline\_css** (*title*, *df*)

Render html form template, use pandas

Note that some of the email display methods only support inline-css style, This method does not use any inline-css for table headers and rows.

Deprecated

参数

- **title** (*str*) –Title of html and email subject
- **df** (*object*) –Pandas DataFrame object

**send\_email** (*config*, *title*)

Send report email to receivers defined in .clsq.json

参数

- **config** (*dict*) –Loaded json object from .clsq.json
- **title** (*str*) –Unicode string as email subject

**send\_study\_email** (*config*, *title*, *email\_html*)

Send report email to receivers defined in .clsq.json

参数

- **config** (*dict*) –Loaded json object from .clsq.json
- **title** (*str*) –Unicode string as email subject

### 1.1.13 clsq.clsq\_notion\_wreport module

**class WeekReport** (*wbname*)

基类: *clsq.clsq\_notion\_report.Report*

**content\_parse\_richtext** (*item*, *text*)

Parse Notion Column content

参数

- **item** (*dict*) –Notion Column content
- **text** (*str*) –Unicode string means column title

返回 Cell result

返回类型 *str*

**content\_parse\_state** (*item*, *row*)

**content\_parse\_title** (*item*)

**content\_parse\_type** (*item*, *row*)

**excel\_worksheet\_dump** (*wbname, database*)

**excel\_worksheet\_fill** (*item, row*)

**pandas\_df\_fill** (*database*)

**render\_html** (*clsconfig, title, database*)

Render html form template

Note that some of the email display methods only support inline-css style, This method support inline-css for table headers and rows.

#### 参数

- **title** (*str*) –Title of html and email subject
- **df** (*object*) –Pandas DataFrame object

**set\_worksheet\_head** (*head*)

Set sheet head

参数 **head** (*worksheet head*) –string

**set\_worksheet\_title** ()

openpyxl 不支持按列设置样式

**week\_belongs** (*sdate, edate*)

## 1.1.14 clsq.version module

1.3.2

## 1.1.15 Module contents



## CHAPTER 2

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### About clsq

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这算是个人工具集，最早我用 shell 整理自己的快捷工具集，很长一段时间里，跨平台是一个问题。对于初学 Python 的来讲，需要通过一个项目来逐步打开世界之门。

clsq 的名称，来自于随手一按，后面的工具都是这个命令的子命令，比如

```
clsq notion -f # 从Notion中生成当周的工作日志
clsq venv # 在当前目录下创建python virtualenv
```





#### 3.1 1、clsq 项目要完善哪些内容？

- 收集个人常用命令行，集成到 clsq 中
- 新增一些效率子命令



## CHAPTER 4

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### License

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#### MIT License

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