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# **nb-query**

**Laszlo Sragner**

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The command-line interface prints a pandas dataframe to the console.



## INSTALLATION

To install the package, run this command in your terminal:

```
$ pip install nb-query
```





## USAGE

Notebook Query's usage looks like:

```
$ nb-query [QUERY]
```

**--help**

Display a short usage message and exit.



## USAGE IN NOTEBOOKS

```
from nb_query import nb_query
nb_query('Hello')
nb_query('Hello', 'data/notebooks')
nb_query('He(l|r)o')
nb_query(lambda line: len(line) == 2)
```

### 3.1 License

MIT License

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### 3.2 Reference

- *nb\_query.main*

### 3.2.1 nb\_query.main

Function to search in selected notebooks with keywords, regex or functions.

`main.main(query, fnames=None)`

Command line wrapper for Typer. Searches all files in the given directories.

**Parameters**

- **query** (*str*) – Keyword, regex expression or function
- **fnames** (*Optional[str], optional*) – directory to search. Defaults to current directory.

**Return type**

None

`main.nb_query(query, fnames=None)`

Function to search in selected notebooks with keywords, regex or functions.

**Parameters**

- **query** (*str*) – Keyword, regex expression or function
- **fnames** (*Union[None, str, List[str]]*) – *str*: directory to search (recursively). *None*: current directory *List[str]*: list of notebooks to search

**Returns**

Table of results: notebook location, line matching the query, cell number and cell count

**Return type**

pd.DataFrame

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