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# **solr\_cli Documentation**

***Release 0.2***

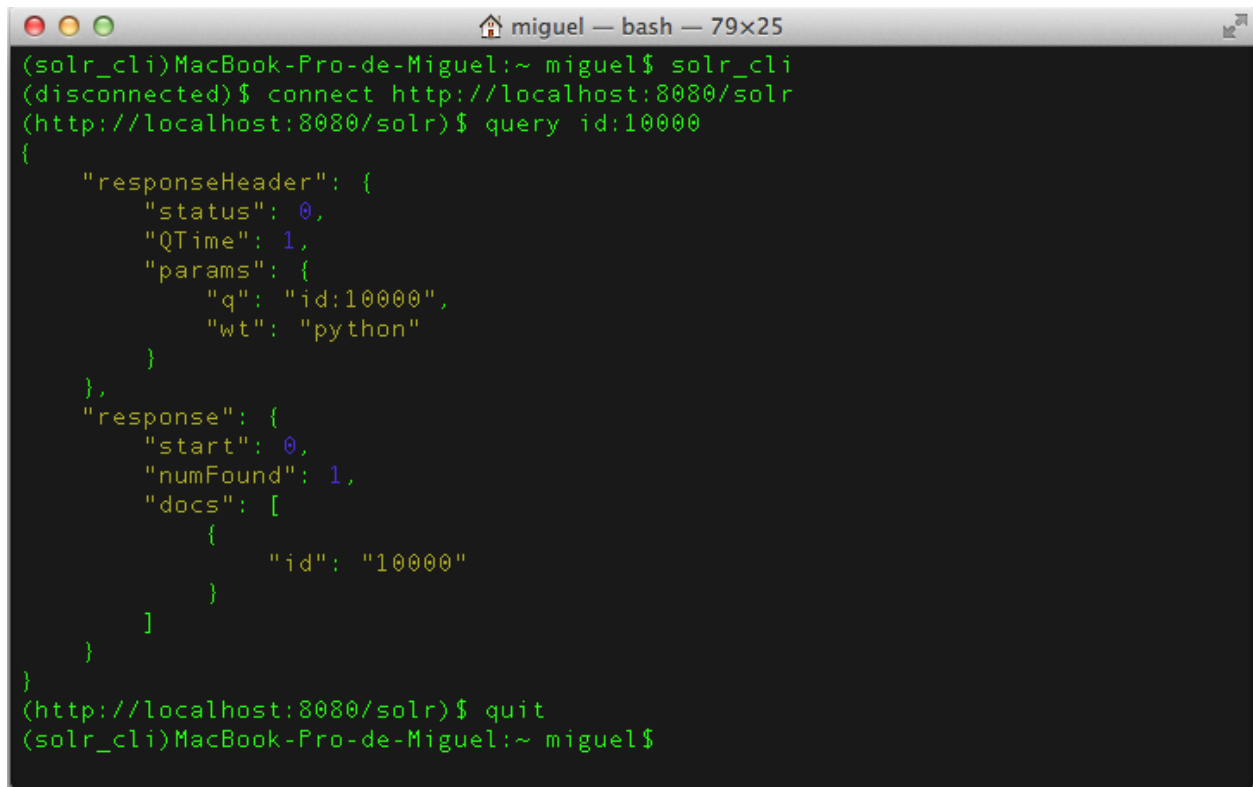
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A terminal window titled 'miguel — bash — 79x25' showing the execution of the solr\_cli command. The user connects to http://localhost:8080/solr and runs a query for id:10000. The output is a JSON object containing responseHeader and response fields. The responseHeader includes status, QTime, and params. The response includes start, numFound, and a list of docs with id:10000.

```
(solr_cli)MacBook-Pro-de-Miguel:~ miguel$ solr_cli
(disconnected)$ connect http://localhost:8080/solr
(http://localhost:8080/solr)$ query id:10000
{
  "responseHeader": {
    "status": 0,
    "QTime": 1,
    "params": {
      "q": "id:10000",
      "wt": "python"
    }
  },
  "response": {
    "start": 0,
    "numFound": 1,
    "docs": [
      {
        "id": "10000"
      }
    ]
  }
}
(http://localhost:8080/solr)$ quit
(solr_cli)MacBook-Pro-de-Miguel:~ miguel$
```



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## Contents:

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## 1.1 First steps

### 1.1.1 Installation

To install solr\_cli from Pypi:

```
pip install mysolr
```

From source code:

```
python setup.py install
```

### Dependencies

solr\_cli uses a python client called [mysolr](#) . So, if you install solr\_cli from source code you have to install it.

### 1.1.2 Execution

Just run 'solr\_cli' in your shell

## 1.2 Commands

### 1.2.1 Connecting to solr

**connect**

**solr\_url**

Url of the index you want to query.

Connects to a solr server located in solr\_url. It doesn't open a real connection it just checks if the server exists and is up.

Examples:

```
connect http://localhost:8983/solr
connect http://localhost:8983/solr/index_name
```

## 1.2.2 Querying to Solr

### **query**

#### **q**

Value of the parameter 'q'.

Makes a simple query to a solr server.

Examples:

```
query **  
query type:"book" AND price:[* TO 10]
```

### **uri**

#### **params**

Specify all the http parameters.

Makes a requests to a solr server allowing all http paramaters. Paramenter 'q' must be specified.

Example:

```
uri q=**:&facet=true&facet.field=price&rows=0
```

## 1.2.3 General operations

### **ping**

Checks if the solr server is up. 'OK' is printed if so.

### **commit**

Sends a commit to the solr server.

### **optimize**

Sends optimize operation to solr server.

### **quit**

Exit



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