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# **intake\_solr Documentation**

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`intake-solr` provides quick and easy access to tabular data stored in Apache SOLR. This plugin reads SOLR query results without random access: there is only ever a single partition.

## 1.1 Installation

To use this plugin for `intake`, install with the following command:

```
conda install -c intake intake-solr
```

## 1.2 Usage

### 1.2.1 Ad-hoc

After installation, the function `intake.open_solr` will become available. It can be used to execute queries on the SOLR server, and download the results as a list of dictionaries.

Three parameters are of interest when defining a data source:

- `query`: the query to execute, which can be defined either using `Lucene` or `'JSON'` syntax, both of which are to be provided as a string.

### 1.2.2 Creating Catalog Entries

To include in a catalog, the plugin must be listed in the plugins of the catalog:

```
plugins:
  source:
    - module: intake_solr
```

and entries must specify `driver: solr`.

### 1.2.3 Using a Catalog

## CHAPTER 2

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### API Reference

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`intake_solr.Plugin`

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`intake_solr.source.SOLRSource`

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## CHAPTER 3

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### Indices and tables

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- `genindex`
- `modindex`
- `search`