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# Lumache

*Release 0.1*

**Graziella**

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**Lumache** (/lu'make/) is a Python library for cooks and food lovers that creates recipes mixing random ingredients. It pulls data from the [Open Food Facts database](#) and offers a *simple* and *intuitive* API.

Lumache has its documentation hosted on Read the Docs.

Check out the [Usage](#) section for further information, including how to [Installation](#) the project.

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**Note:** This project is under active development.

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### 1.1 Usage

#### 1.1.1 Installation

To use Lumache, first install it using pip:

For example:

```
>>> import rtd.lumache as lumache
>>> lumache.get_random_ingredients()
['shells', 'gorgonzola', 'parsley']
```

### 1.2 API

Lumache - Python library for cooks and food lovers.

**exception** `rtd.lumache.InvalidKindError`

Bases: `Exception`

Raised if the kind is invalid.

**args**

**with\_traceback()**

`Exception.with_traceback(tb)` – set `self.__traceback__` to `tb` and return `self`.

`rtd.lumache.get_random_ingredients(kind=None)`

Return a list of random ingredients as strings.

**Parameters**

**kind** (`list[str]` or `None`) – Optional “kind” of ingredients.

**Raises**

`lumache.InvalidKindError` – If the kind is invalid.

**Returns**

The ingredients list.

**Return type**

`list[str]`



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