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# **Certified Public Accountant Nlp**

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In accounting, the formal language component refers to the specific language and rules used to communicate financial information. This includes standardized accounting principles, concepts, and terminology, as well as financial reporting formats such as balance sheets, income statements, and cash flow statements.



This Python package displays the application of formal accounting. The purpose of the formal language component is to provide a standardized and consistent method for measuring and reporting [Read the Docs Tutorial](#).



## PROJECT USAGE

This project has a standard Sphinx layout which is built by Read the Docs almost the same way that you would build it locally (on your own laptop!).

You can build and view this documentation project locally - we recommend that you activate [a local Python virtual environment](#) first:

```
# Install required Python dependencies
```

```
pip install scipy
```

```
pip install numpy
```

```
pip install pandas
```

```
# Run the install command
```

```
pip install cpanlp
```





## USING THE EXAMPLE IN YOUR OWN PROJECT

If you are new to Read the Docs, you may want to refer to the [Read the Docs User documentation](#).

If you are copying this code in order to get started with your documentation, you need to:

1. place your `docs/` folder alongside your Python project. If you are starting a new project, you can adapt the `pyproject.toml` example configuration.
2. use your existing project repository or create a new repository on Github, GitLab, Bitbucket or another host supported by Read the Docs
3. copy `.readthedocs.yaml` and the `docs/` folder into your project.
4. customize all the files, replacing example contents.
5. add your own Python project, replacing the `pyproject.toml` configuration and `lumache.py` module.
6. rebuild the documentation locally to see that it works.
7. *finally*, register your project on Read the Docs, see [Importing Your Documentation](#).



## WELCOME TO CPANLP'S DOCUMENTATION!

**cpanlp** (/ka'pan/) is a Python library for business that Communicate in Business with python. It pulls data from the [Open Food Facts database](#) and offers a *simple* and *intuitive* API.

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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### 3.1 Contents

#### 3.1.1 Usage

##### Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install cpanlp
```

##### Creating recipes

To retrieve a list of random ingredients, you can use the `Sale()` class:

The `kind` parameter should be either "meat", "fish", or "veggies". Otherwise, `lumache.get_random_ingredients()` will raise an exception.

For example:

```
>>> import cpanlp as p
>>> sale1 = p.Sale(quarter="Q4",amount=93.4,unit="billion dollars",growth_rate=13%,
↳year=2022,segment="North America")
['shells', 'gorgonzola', 'parsley']
```

### Features

For example:

```
>>> gold_asset = p.Asset(account="gold", debit=1000,date="2023-01-01")
>>> print(gold_asset.bubble)
```

### Module

Category	Module	Example
<b>Accounting</b>	Asset	Intangible Asset
	Liability	Financial Liability
	Equity	Share
	Income	Revenue
	Cashflow	Cashflow
	Policy	DividendPolicy
	Report	IncomeSmoothing
<b>Audit</b>	Audit	Audit Opinion
<b>Financial Management</b>	Incentive	Promotion Incentive
	Scheme	Ponzi
<b>Tax</b>	Tax on Behavior	TransactionTax
	Tax on Income	PersonalIncomeTax
	Tax on Property	RealEstateTax
<b>Corporate Law</b>	Contract	Lease
	Control	Voting Power
	Entity	LLC
	Provision	SayOnPay
<b>Strategy</b>	Incentive	Long Term Strategy

### 3.1.2 API

#### Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install cpanlp
```

#### Creating recipes

To retrieve a list of random ingredients, you can use the `Sale()` class:

### 3.1.3 Formal language component

#### Double-entry

the concept of debits and credits is central to accounting, and the rules governing their application can be viewed as a type of formal language.

```
>>> pip install cpanlp
```

#### Cash Basis

The formal language of the cash basis accounting method includes the recognition of revenue when cash is received and the recognition of expenses when cash is paid out. This method is simple and straightforward, making it popular with small businesses and individuals who do not have complex accounting needs. To retrieve a list of random ingredients, you can use the `Sale()` class:

The `kind` parameter should be either "meat", "fish", or "veggies". Otherwise, `lumache.get_random_ingredients()` will raise an exception.

For example:

```
>>> import cpanlp as p
>>> sale1 = p.Sale(quarter="Q4", amount=93.4, unit="billion dollars", growth_rate=13%,
↳ year=2022, segment="North America")
['shells', 'gorgonzola', 'parsley']
```

#### Accrual Basis

The formal language of the accrual basis accounting method includes the recognition of revenue when it is earned, regardless of whether or not the cash has been received, and the recognition of expenses when they are incurred, regardless of whether or not the cash has been paid out.

For example:

```
>>> gold_asset = p.Asset(account="gold", debit=1000, date="2023-01-01")
>>> print(gold_asset.bubble)
```

#### GAAP

The formal language of GAAP includes standardized financial reporting formats such as balance sheets, income statements, and cash flow statements, as well as specific terms and concepts such as assets, liabilities, equity, revenues, expenses, and gains/losses. GAAP also includes specific rules and guidelines for how financial information should be recorded and reported, including rules related to depreciation, inventory valuation, and revenue recognition.

### IFRS

The formal language of IFRS includes standardized financial reporting formats such as balance sheets, income statements, and cash flow statements, as well as specific terms and concepts such as assets, liabilities, equity, revenues, expenses, and gains/losses.

### Fair Value

The formal language also includes specific terminology and concepts related to fair value, such as market comparables, discounted cash flows, and replacement costs.

### Cost Value

The formal language of cost value accounting includes specific rules and guidelines for how to determine and report the cost of assets and liabilities, as well as the use of specific terminology and concepts related to cost value, such as purchase price, production cost, and related transportation, installation, and debugging expenses. The formal language also includes specific rules and guidelines for how to calculate depreciation, amortization, and impairment losses based on cost values.

## 3.1.4 Formal

### Installation

To use Lumache, first install it using pip:

```
(.venv) $ pip install cpanlp
```

### Creating recipes

To retrieve a list of random ingredients, you can use the `Sale()` class:

The `kind` parameter should be either "meat", "fish", or "veggies". Otherwise, `lumache.get_random_ingredients()` will raise an exception.

For example:

```
>>> import cpanlp as p
>>> sale1 = p.Sale(quarter="Q4", amount=93.4, unit="billion dollars", growth_rate=13%,
↳ year=2022, segment="North America")
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### Features

For example:

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>>> gold_asset = p.Asset(account="gold", debit=1000, date="2023-01-01")
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