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# **tables**

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the python tablepy package can be used to easily create and render tables. As of right now it only supports rendering lists of lists in tabular form.



## TABLEPY USAGE

the python tablepy package can be used to easily create and render tables. As of right now it only supports rendering lists of lists in tabular form.

it defines the following:

- `tablepy.printTable()`
- `tablepy.clearSlait()`
- `tablepy.destroyAll()`
- `htmlTable`

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**Note:** for demonstrational perpaces I will use the input list:

```
m = [{"", "hello", "good by"},
      ["fr", "salut", "aurevoir", "bon jour"],
      ["de", "hallo"]]
```

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`tablepy.printTable(table, renderInner=False, filler="")`

render a 2d matrix in tabular form. any missing elements will be replaced with the parameter filler. the renderInner parameter will render all the lines inside the table if True. `tablepy.printTable(m)` will output:

```
+-----+
|      hello      good by      |
| fr      salut    aurevoir bon jour |
| de      hallo                    |
+-----+

and with renderInner True
+-----+-----+-----+-----+
|      | hello | good by |      |
+-----+-----+-----+-----+
| fr    | salut  | aurevoir | bon jour |
+-----+-----+-----+-----+
| de    | hallo  |          |          |
+-----+-----+-----+-----+
```

`tablepy.clearSlait()`  
remove all cash data created by `htmlTable`.

**Warning:** this function will affects every interpreter instance and should be used sparingly. it basically deletes everything. to only destroy this interpreters cash use `tablepy.destroyAll()`

`tablepy.destroyAll()`  
remove all cash data created by `htmlTable` in this instance of the interpreter. to remove all cash data use `tablepy.clearSlait()`.

**class** `htmlTable(inp, ...)`

the `htmlTable` class can be used to create html documents containing tables and open them in a browser.

#### Parameters

- **inp** (`list[list[object]]`) – the input table from witch to generate the table from. The genration works identicy to the one used by `tables.printTable()`.
- **name** (`str`) – the title of the table it doesn't have any further meaning, default is `table`
- **keyRowIdx** (`int`) – what row to write in bold letters, if -1 or not a valid value it will not show anything in bowld, default is -1.
- **keyColIdx** (`int`) – same as `keyRowIdx` but for the collums
- **border** (`int`) – how thick the border of the table should be.
- **encoding** (`str`) – what the encoding system should be defaults to `utf-8`
- **caption** (`str`) – the catpion of the table, defaults to ""

**cash()**  
resaves the table to the libraries html cash witch can be cleared using `tablepy.clearSlait()` or `tablepy.destroyAll()`

**open() :**  
open the generated html file using webrowsers open function.

**open\_new() :**  
open the generated html file using webrowsers open\_new function.

**open\_new\_tab() :**  
open the generated html file using webrowsers open\_new\_tab function.

**delete() :**  
delets all cached data generated by this html table.

**copyFile(path) :**  
copies the cashed html file to path :param str path: a valid os path to copy the html file to

*Welcome to tablepy's documentation!*



## INDICES AND TABLES

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



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