
kangaroo Documentation

Release

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Contents:

bucket Module

class kangaroo.bucket.**Bucket** (*storage_format=None, storage_path=None, storage_options={}*)

Bases: object

add_table (*table*)

Adds a new table to the bucket

Parameters **table** – an instance of kangaroo.Table

Returns the same instance added in table

delete_table (*tbl_name*)

Deletes a table from the bucket.

This method will raise an exception if there is no table to delete.

Parameters **tbl_name** – the name of the table that we want to delete.

Raises Exception

flush ()

Saves the information from memory to disk

tables

Returns the list of available tables

table Module

class kangaroo.table.**Row** (*table=None, **kwargs*)

Bases: dict

idd

Returns an unique id of the row

```
class kangaroo.table.Table(tbl_name, tbl_index=[])
    Bases: object

    add_index(index_name)
        Add a new index in the table

        Parameters index_name – The name of the index (a column in the table).

    delete_index(index_name)
        Deletes an existing index in the table

        Parameters index_name – The name of the index

    delete_row(row)
        Deletes a row from the table

        Parameters row – An instance of kangaroo.Row

    find(**kwargs)
        Finds a row in the table

        Example: >> table.database.find(my_field=1, other_field__gt=50)

        Parameters kwargs – a list of params that we are going to use to filter the existing rows.
        Returns None if there is no row that matchs or an instance of Row otherwise.

    find_all(**kwargs)
        Finds a list of rows in the table

        Example: >> table.database.find_all(my_field=1, other_field__gt=50)

        Parameters kwargs – a list of params that we are going to use to filter the existing rows.
        Returns None if there is no row that matchs or a list of Row instances otherwise.

    insert(data)
        Inserts a new row in the table

        Parameters data – A dictionary that it's going to define the columns of the new Row.
        Returns An instance of Row

    row_updated(row, key_changed)
        Updates the index tree when a row it's modified

        Parameters

        • row – An instance of kangaroo.Row
        • key_changed – The name of the column that was modified

    tbl_index
        Returns the list of indexs of the table :returns: A list of index names

    tbl_name
        Returns the name of the table :returns: an string that represents the name of the table
```


CHAPTER 2

Indices and tables

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- `modindex`
- `search`

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