

# Creating Database

API module that maps to a Cloudant or CouchDB database instance.

## `cloudant.database.CloudantDatabase`

Bases: `cloudant.database.CouchDatabase`

Encapsulates a Cloudant database. A `CloudantDatabase` object is instantiated with a reference to a client/session. It supports accessing the documents, and various database features such as the document indexes, changes feed, design documents, etc.

### Parameters:

- **client** (*Cloudant*) – Client instance used by the database.
- **database\_name** (*str*) – Database name used to reference the database.
- **fetch\_limit** (*int*) – Optional fetch limit used to set the max number of documents to fetch per query during iteration cycles. Defaults to 100.
- **partitioned** (*bool*) – Create as a partitioned database. Defaults to `False`.

`get_partitioned_search_result(partition_key, ddoc_id, index_name, **query_params)`

Retrieves the raw JSON content from the remote database based on the partitioned search index on the server, using the `query_params` provided as query parameters.

See `get_search_result()` method for further details.

**Parameters**  
:

- **partition\_key** (*str*) – Partition key.
- **ddoc\_id** (*str*) – Design document id used to get the search result.
- **index\_name** (*str*) – Name used in part to identify the index.
- **query\_params** –  
See `get_search_result()` method for available keyword arguments.

**Returns:** Search query result data in JSON format.

**Return type:** [dict](#)