
Rapid Dev Storage

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class rapid_dev_storage._base_api.Storage (backend: rapid_dev_storage._types.StorageBackend)
This is the basic storage wrapper class.

[illegible]

The data is yielded as a 2-tuple consisting of the tuple key, and the value which was associated

[illegible]

set_value (*value*: Union[Dict[str, Any], List[Any], int, float, str, None]) → Awaitable[None]
Sets a value

This holds all the SQLite Logic.

Meanwhile, the interface being async consistently leaves room for drop in replacements which may actually utilize the async nature, or further features which might have the potential to be blocking

There are a handful of computed SQL queries. These are limited against user input, and userinput is not allowed to be formatted in, with 1 exception of the table name. This name is restricted in nature as to be safe, and properly bracketed so that it is never seen as an SQL expression

Changes to the computed queries should be done with caution to ensure this remains true. For additional peace of mind, you can choose to disallow user input from being used as part of the table_name at the application layer, which leaves all remaining potential user input inserted as parameters.

async for ... in get_all_by_group (*group_name: str*)

Concrete implementations must asynchronously yield a 2-tuple of (key tuple, value)

async for ... in get_all_by_key_prefix (*group_name: str, *keys: str*)

Concrete implementations must asynchronously yield a 2-tuple of (key tuple, value)

class rapid_dev_storage._types.StorageBackend

This abstract base class shows the interfaces required to use a class as a replacement backend for the included ones

Interfaces here are async to allow dropping in other interfaces which would strictly need to be async

abstractmethod get_all_by_group (*group_name: str*) → AsyncIterator[Tuple[Tuple[str, ...], Union[Dict[str, Any], List[Any], int, float, str, None]]]

Concrete implementations must asynchronously yield a 2-tuple of (key tuple, value)

abstractmethod get_all_by_key_prefix (*group_name: str, *keys: str*) → AsyncIterator[Tuple[Tuple[str, ...], Union[Dict[str, Any], List[Any], int, float, str, None]]]

Concrete implementations must asynchronously yield a 2-tuple of (key tuple, value)

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