

# V.0.7.0 Changes

## Project Skeleton

In the project skeleton the previous `migrations` directory renamed to `_migrations`.

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## Aurora CLI

AuroraSQL v0.7.0 now fully supports the `migrate-db` command.

It migrates the model changes to the database that already initialized.

In addition, `repair-db`, and `reset-db` commands are also added to Aurora CLI.

- `repair-db` – Can be used for renaming the existing model columns.
  - `reset-db` – Can be used for resetting the database, based on the current models.
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## Aurora Apps

Aurora v.0.7.0 added a helper function for routing the apps called `app`.

The app router takes two parameters. One for app name and another one for app URL.

You can check it in the `_apps.py` module.

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## Aurora Controllers

Aurora v.0.7.0 added a helper function for routing the app controllers called `router`.

The controller router takes up to three parameters. One for controller name, one for controller URL, and another one for controller methods.

You can check it in the `_controllers.py` module of each app controller package.

# Aurora Models

Previously in Aurora you have to use exact SQL datatypes in order to run your SQL queries correctly. Using Aurora v.0.7.0 you can type safely with standard python datatypes plus some added datatypes without worrying about SQL syntax errors.

However, it is an option added to Aurora configuration and if you are a pro user of SQL you can still use traditional SQL datatypes.

However, I recommend you to use the Safe Typing (**SAFE\_TYPE**) configuration set to True, because it uses standard python datatypes and reduces the probability of SQL syntax errors.

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# Aurora Configuration

If you have used previous versions of Aurora framework, in order to coordination to the v.0.7.0 add the following line to your config module.

```
SAFE_TYPE = True      # True | False
```

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# Other Changes

Aurora v.0.7.0 has been generally updated to be safer and faster.

For example, escape characters have been applied for SQL reserved words in order to prevent name confliction.

For more information, please read this version documentation.