

**NAME**

**kyua db-migrate** - Upgrades the schema of an existing results file

**SYNOPSIS**

**kyua db-migrate** [--results-file *file*]

**DESCRIPTION**

The **kyua db-migrate** command migrates the schema of an existing database to the latest version implemented in kyua(1).

This operation is not reversible. However, a backup of the database is created in the same directory where the database lives.

The following subcommand options are recognized:

**--results-file** *path*, **-s** *path*

Specifies the results file to operate on. Defaults to 'LATEST', which causes **kyua db-migrate** to automatically load the latest results file from the current test suite.

The following values are accepted:

**'LATEST'**

Requests the load of the latest results file available for the test suite rooted at the current directory.

**Directory**

Requests the load of the latest results file available for the test suite rooted at the given directory.

**Test suite name**

Requests the load of the latest results file available for the given test suite.

**Results identifier**

Requests the load of a specific results file.

**Explicit file name (aka everything else)**

Load the specified results file.

See *Results files* for more details.

## Results files

Results files contain, as their name implies, the results of the execution of a test suite. Each test suite executed by `kyua-test(1)` generates a new results file, and such results files can be loaded later on by inspection commands such as `kyua-report(1)` to analyze their contents.

Results files support identifier-based lookups and also path name lookups. The differences between the two are described below.

The default naming scheme for the results files provides simple support for identifier-based lookups and historical recording of test suite runs. Each results file is given an identifier derived from the test suite that generated it and the time the test suite was run. Kyua can later look up results files by these fields.

The identifier follows this pattern:

```
<test_suite>.<YYYYMMDD>-<HHMMSS>-<uuuuuu>
```

where ‘test\_suite’ is the path to the root of the test suite that was run with all slashes replaced by underscores and ‘YYYYMMDD-HHMMSS-uuuuuu’ is a timestamp with microsecond resolution.

When using the default naming scheme, results files are stored in the `~/.kyua/store/` subdirectory and each file holds a name of the form:

```
~/.kyua/store/results.<identifier>.db
```

Results files are simple SQLite databases with the schema described in the `/usr/share/kyua/store/schema_v?.sql` files. For details on the schema, please refer to the heavily commented SQL file.

## EXIT STATUS

The **kyua db-migrate** command returns 0 on success or 1 if the migration fails.

Additional exit codes may be returned as described in `kyua(1)`.

## SEE ALSO

`kyua(1)`