

def-db-fns

`hugsql.core/def-db-fns` creates functions in your Clojure namespace based on the SQL queries and statements in your HugSQL-flavored SQL file.

`hugsql.core/def-db-fns` doc:

```
=> (doc hugsql.core/def-db-fns)
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hugsql.core/def-db-fns
([file] [file options])
Macro
  Given a HugSQL SQL file, define the database
  functions in the current namespace.

  Usage:

  (def-db-fns file options?)

  where:
  - file is a string file path in your classpath,
    a resource object (java.net.URL),
    or a file object (java.io.File)
  - options (optional) hashmap:
    {:quoting :off(default) | :ansi | :mysql | :mssql
     :adapter adapter }
```

`:quoting` options for identifiers are:

- `:ansi` double-quotes: `"identifier"`
- `:mysql` backticks: ``identifier``
- `:mssql` square brackets: `[identifier]`
- `:off` no quoting (`default`)

Identifiers containing a period/dot `.` are split, quoted separately, and then rejoined. This supports `myschema.mytable` conventions.

`:quoting` can be overridden as an option in the calls to functions created by `def-db-fns`.

`:adapter` specifies the HugSQL adapter to use for all defined functions. The default adapter used is `(hugsql.adapter.clojure-java-jdbc/hugsql-adapter-clojure-java-jdbc)` when `:adapter` is not given.


See also `hugsql.core/set-adapter!` to set adapter for all `def-db-fns` calls. Also, `:adapter` can be specified for individual function calls (`overriding` `set-adapter!` and the `:adapter` option here).

The functions defined by `def-db-fns` have the following arities:

```
[db]
[db params]
[db params options & command-options]
```

where:

- `db` is a db-spec, a connection, a connection pool, or a transaction object
- `param-data` is a hashmap of parameter data where the keys match parameter placeholder names in your SQL
- `options` is a hashmap of HugSQL-specific options (e.g., `:quoting` and `:adapter`)
- `& command-options` is a variable number of options to be passed down into the underlying adapter and database library functions. See [Advanced Usage](#) for more detail.

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