

EXCEPTION

Available in: [PSQL](#)

Changed in: 1.5

Description

The `EXCEPTION` syntax has been extended so that the user can

- a. Rethrow a caught exception or error.
- b. Provide a custom message when throwing a user-defined exception.

Syntax

```
EXCEPTION [<exception-name> [custom-message]]
```

```
<exception-name> ::= A previously defined exception name
```

Rethrowing a caught exception

Within the exception handling block only, you can rethrow the caught exception or error by giving the `EXCEPTION` command without any arguments. Outside such blocks, this “bare” command has no effect.

Example

```
when any do
begin
    insert into error_log (...) values (sqlcode, ...);
    exception;
end
```

This example first logs some information about the exception or error, and then rethrows it.

Providing a custom error message

Firebird 1.5 and up allow you to override an exception's default error message by supplying an alternative one when throwing the exception.

Examples

```
exception ex_data_error 'You just lost some valuable data';
```

```
exception ex_bad_type 'Wrong type for record with id ' || new.id;
```

Note: Starting at version 2.0, the maximum message length is 1021 instead of 78 characters.

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