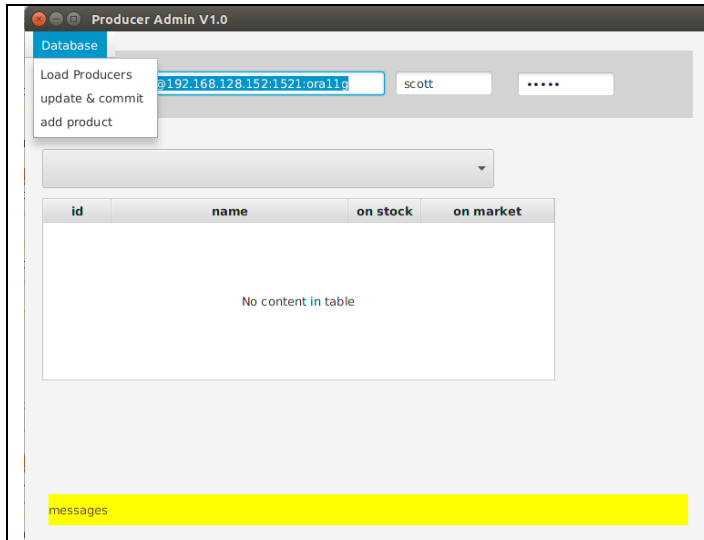


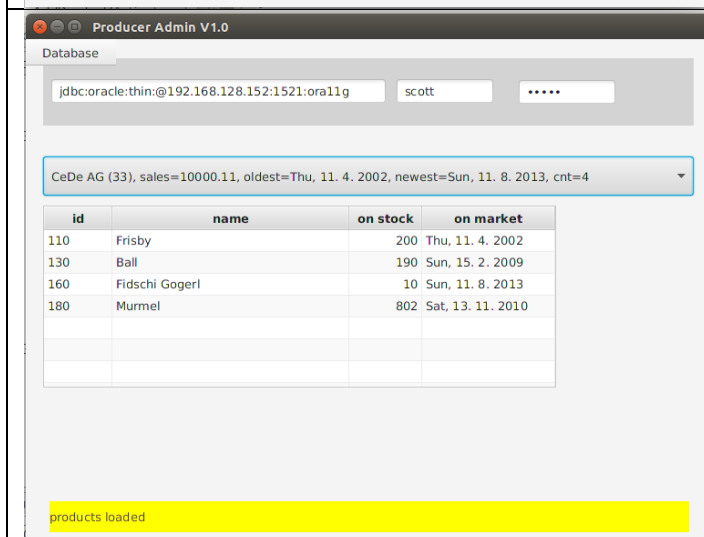
Theme

A little product administration app is needed.

Features

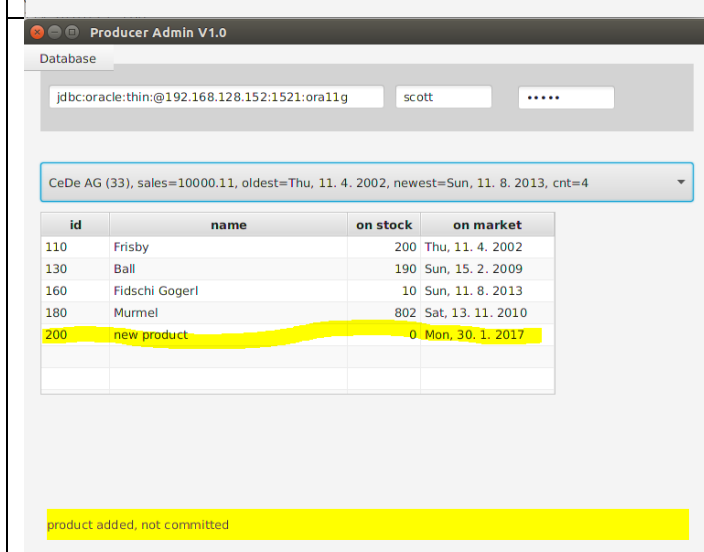


starting the app shows this screen

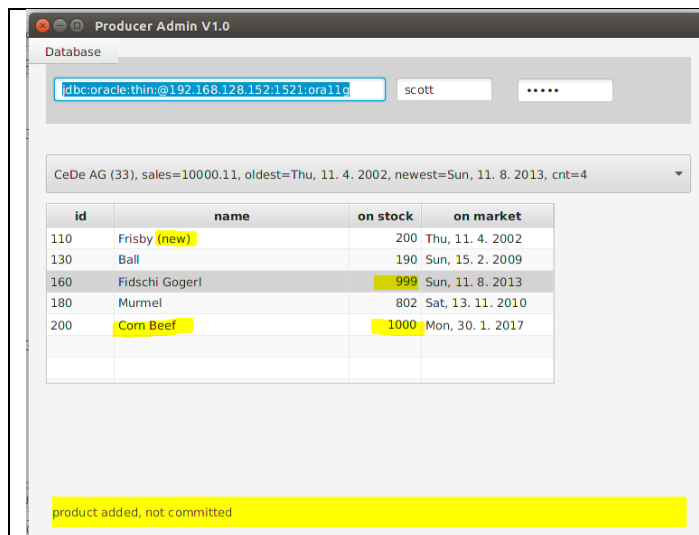


loading producers fills combo box;
additional infos per producer:

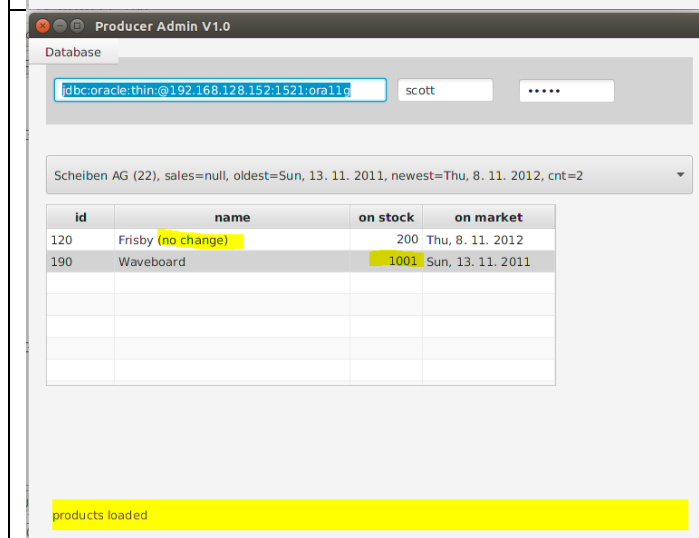
- date of newest and oldest product (see date-format!)
- number of products



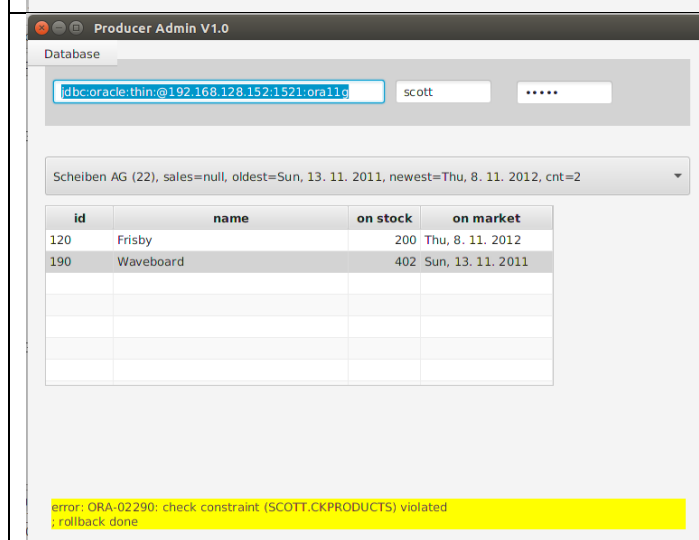
adding a new product which
is immediately shown in table (with
current date, *id* generated by sequence)



update and commit
(concerning all products (of selected
producer) in table)



commit only if all products can be
changed without exception;
otherwise ...



... rollback and old status in table

Hints

- fxml and
- producer/product-classes and
- table – structure:

```
CREATE TABLE producers
(
    id INTEGER PRIMARY KEY,
    name VARCHAR2(30),
    sales NUMBER(10,2)
);

CREATE TABLE products
(
    id INTEGER PRIMARY KEY,
    name VARCHAR2(30),
    id_pc INTEGER,
    onStock INTEGER,
    onMarket DATE,
    CONSTRAINT fkProducts FOREIGN KEY (id_pc) REFERENCES producers(id),
    CONSTRAINT ckProducts CHECK (onStock BETWEEN 0 AND 1000)
);
CREATE SEQUENCE seqProduct START WITH 100 INCREMENT BY 10;
CREATE SEQUENCE seqProducer START WITH 11 INCREMENT BY 11;
```

Delivery

- sources
- readme
- runnable jar-file