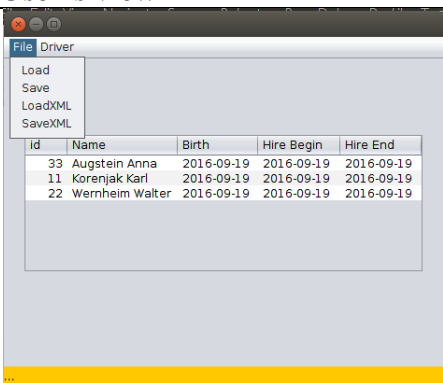


Overview

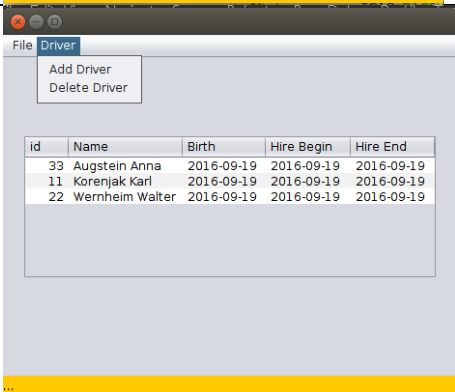
The GoMobil – Obmann needs an administration tool.

User's view



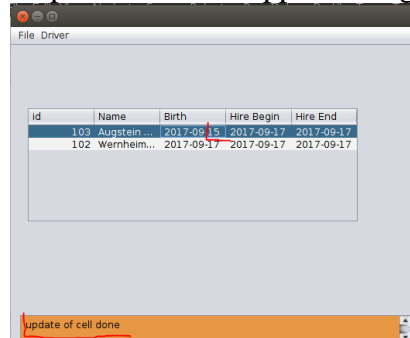
id	Name	Birth	Hire Begin	Hire End
33	Augstein Anna	2016-09-19	2016-09-19	2016-09-19
11	Korenjak Karl	2016-09-19	2016-09-19	2016-09-19
22	Wernheim Walter	2016-09-19	2016-09-19	2016-09-19

Load/Save...binary serialization
(with appr. file dialog)



id	Name	Birth	Hire Begin	Hire End
33	Augstein Anna	2016-09-19	2016-09-19	2016-09-19
11	Korenjak Karl	2016-09-19	2016-09-19	2016-09-19
22	Wernheim Walter	2016-09-19	2016-09-19	2016-09-19

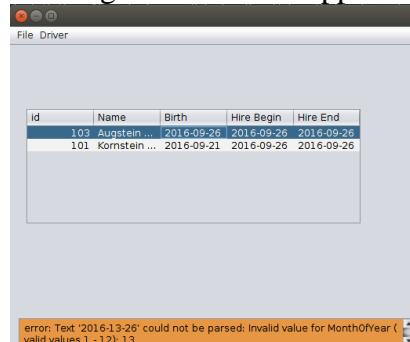
if update in cell → appr. message



id	Name	Birth	Hire Begin	Hire End
103	Augstein ...	2017-09-15	2017-09-17	2017-09-17
102	Wernheim...	2017-09-17	2017-09-17	2017-09-17

update of cell done

if wrong date in cell → appr. message



id	Name	Birth	Hire Begin	Hire End
103	Augstein ...	2016-09-26	2016-09-26	2016-09-26
101	Kornstein ...	2016-09-21	2016-09-26	2016-09-26

error: Text '2016-13-26' could not be parsed: Invalid value for MonthOfYear (valid values 1 - 12): 13



```
<?xml version="1.0" encoding="UTF-8" standalone="yes"?>
<GoMobilDatabase>
  <driver>
    <birth>2016-09-21</birth>
    <hireBegin>2016-09-26</hireBegin>
    <hireEnd>2016-09-26</hireEnd>
    <id>101</id>
    <name>Kornstein Conny</name>
  </driver>
  <driver>
    <birth>2016-09-26</birth>
    <hireBegin>2016-09-26</hireBegin>
    <hireEnd>2016-09-26</hireEnd>
    <id>103</id>
    <name>Augstein Anton</name>
  </driver>
</GoMobilDatabase>
```

XML – Serialization

Some General Hints

- searching for elements is not done with walking element by element (except you can argue it)
- copying collections are not done with walking element by element
- using deprecated methods is nearly a dead sin

Some More Useful Hints

- use “java.time.LocalDate” instead of “java.util/sql.Date” since Java 1.8
- Serialization of LocalDate causes problems so implement appropriate getter/setter in class “Driver”.

Class Diagram

