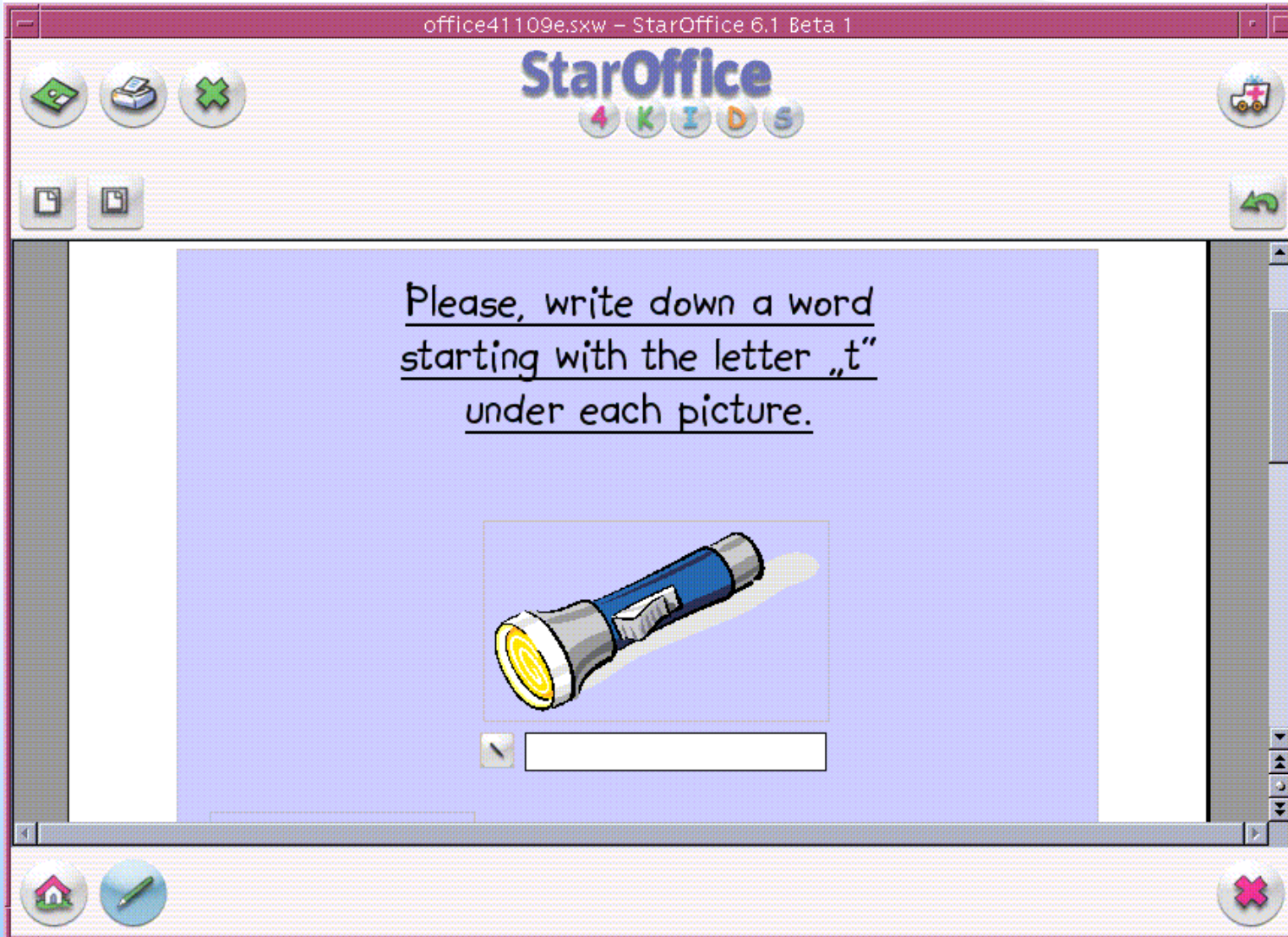


# StarOffice 4 Kids – Using OpenOffice.org as an application service in Java

by  
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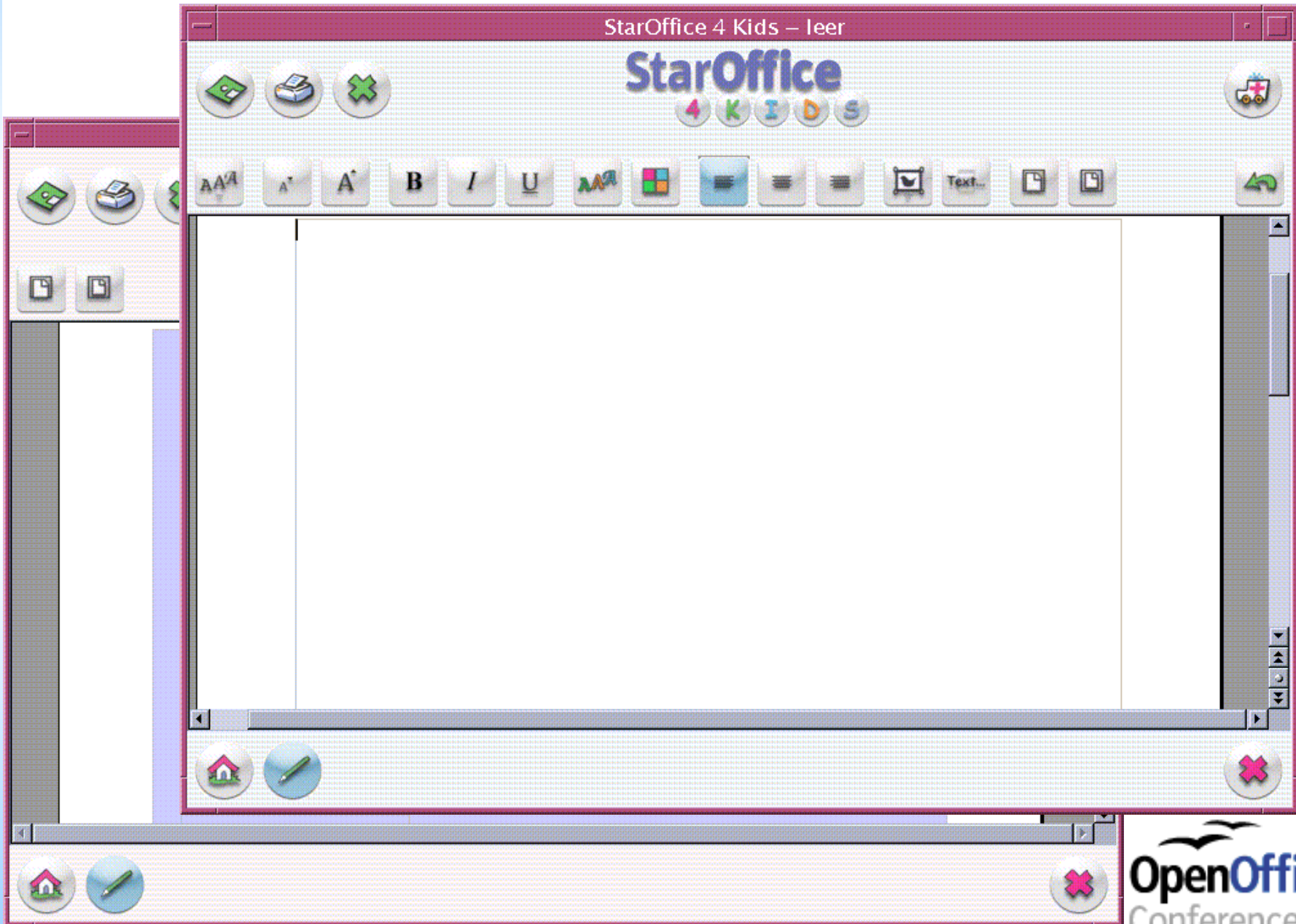
- What is StarOffice 4 Kids
- Project history
- Using the OpenOffice Bean
- Binding logic and interface
- The factory concept
- Composing user interfaces
- Conclusion
  
- Questions

# What is StarOffice 4 Kids



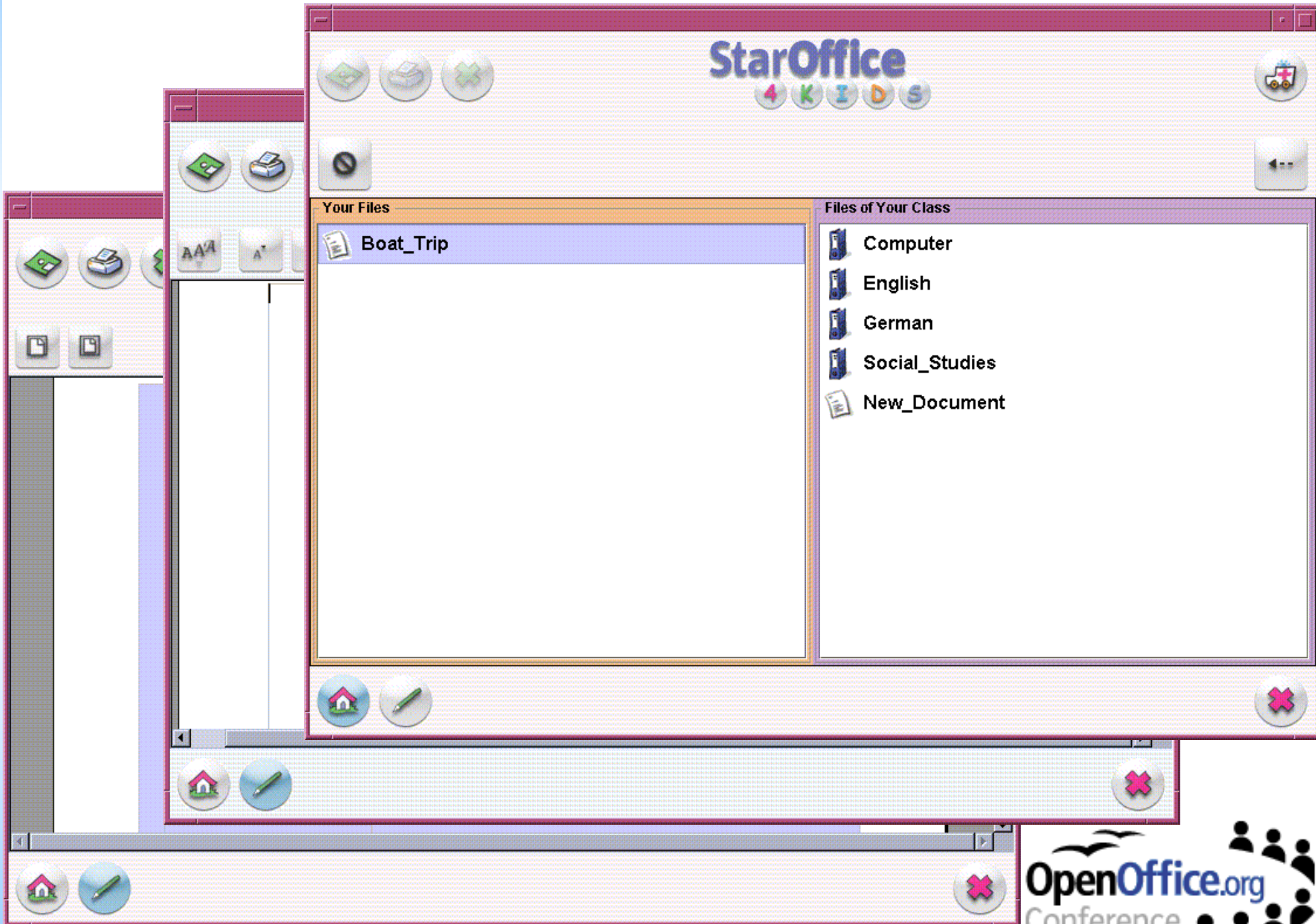
2003-03-20

# What is StarOffice 4 Kids



2003-03-20

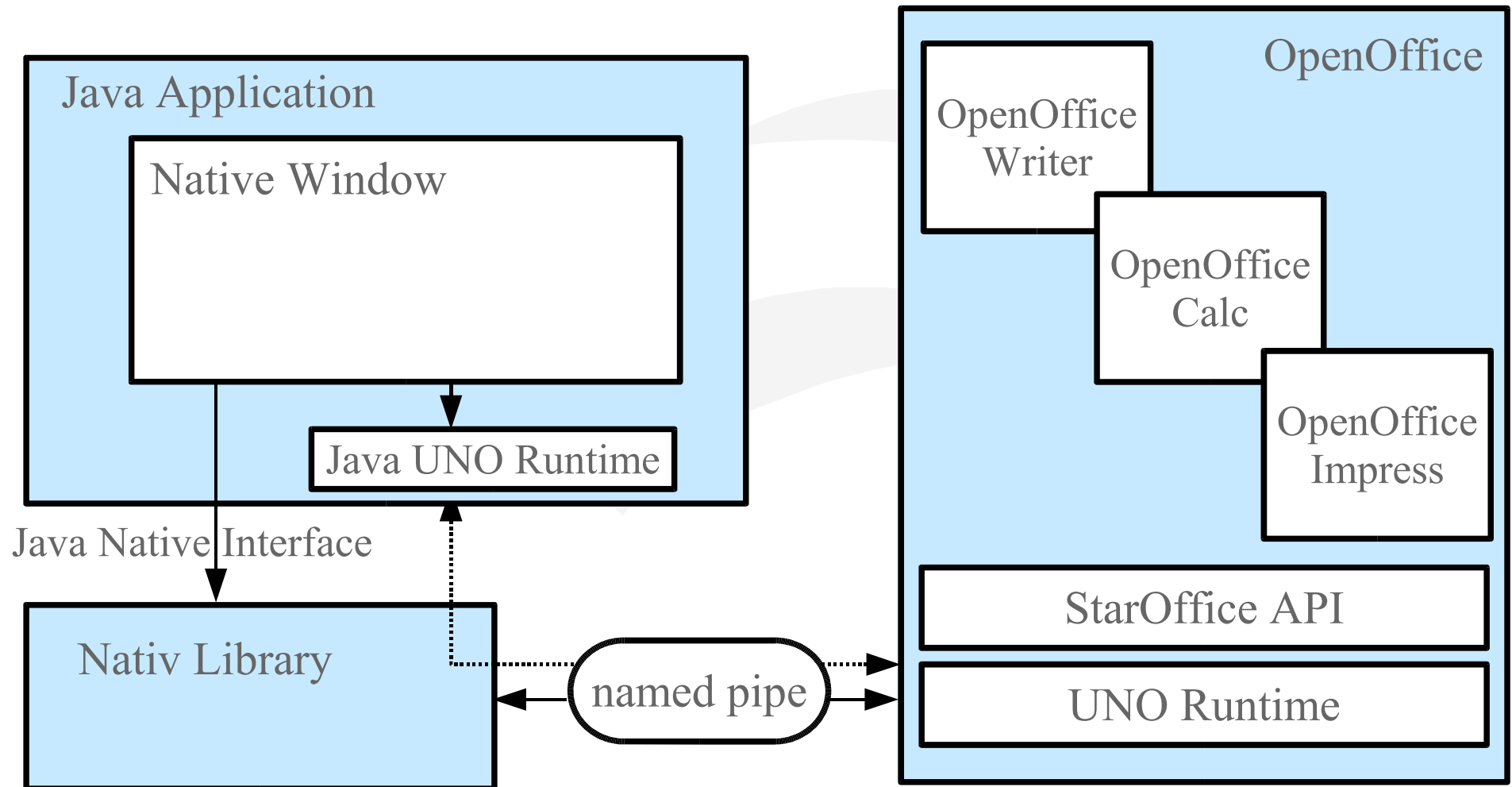
# What is StarOffice 4 Kids



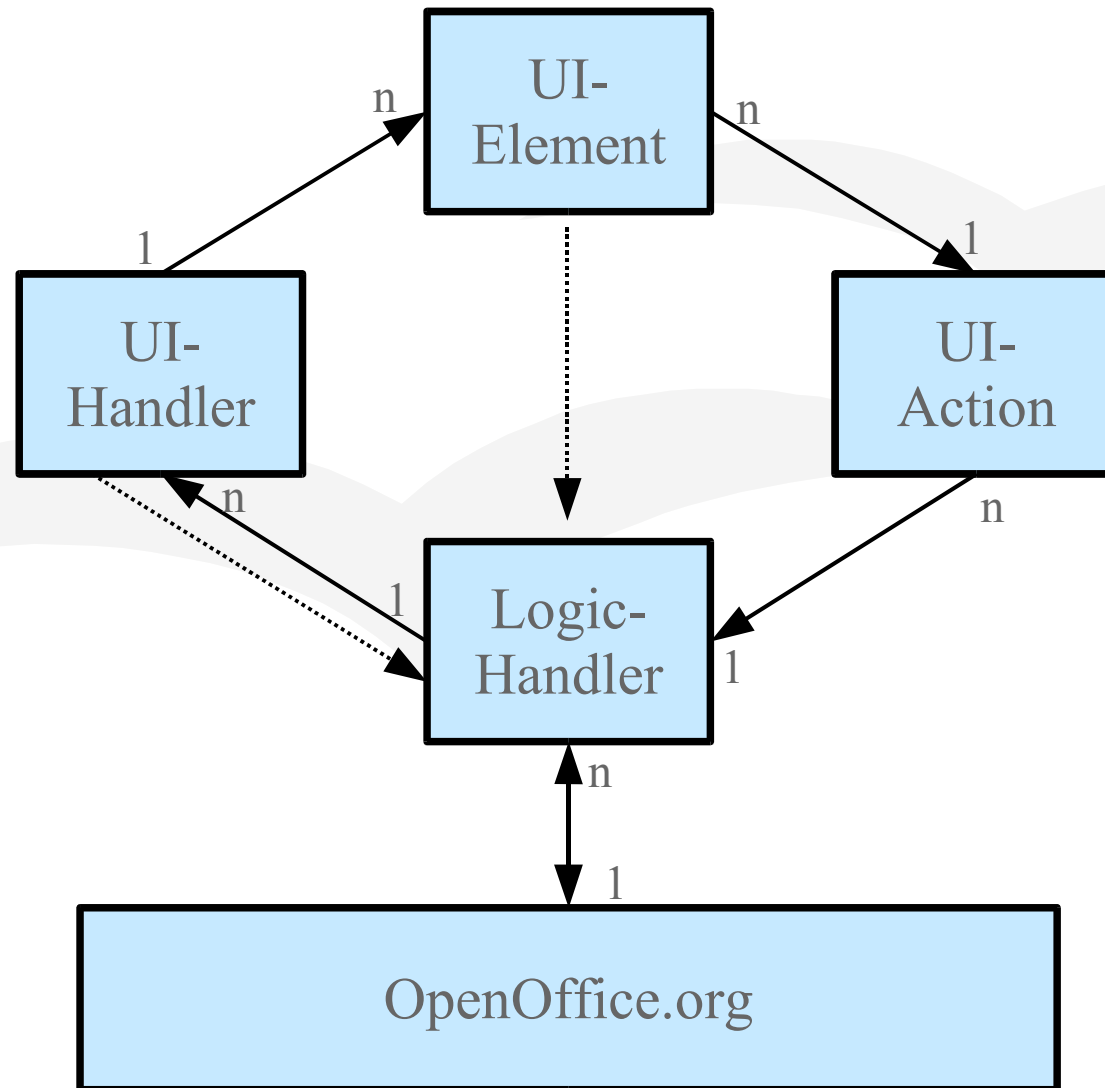
2003-03-20

- Late 1999: First Idea at the University of Paderborn
- Since November 2000: Project at the University of Paderborn in cooperation with Sun Microsystems
  - CeBIT 2001, WDR Computernacht 2001, CeBIT 2002
  - Computerworld Tech Hero nomination
- Since June 2002: Additional cooperation with kippdata
  - CeBIT 2003
  - Real live testing in two schools in Paderborn
  - Invention of a teachers tool

# Using the OpenOffice Bean

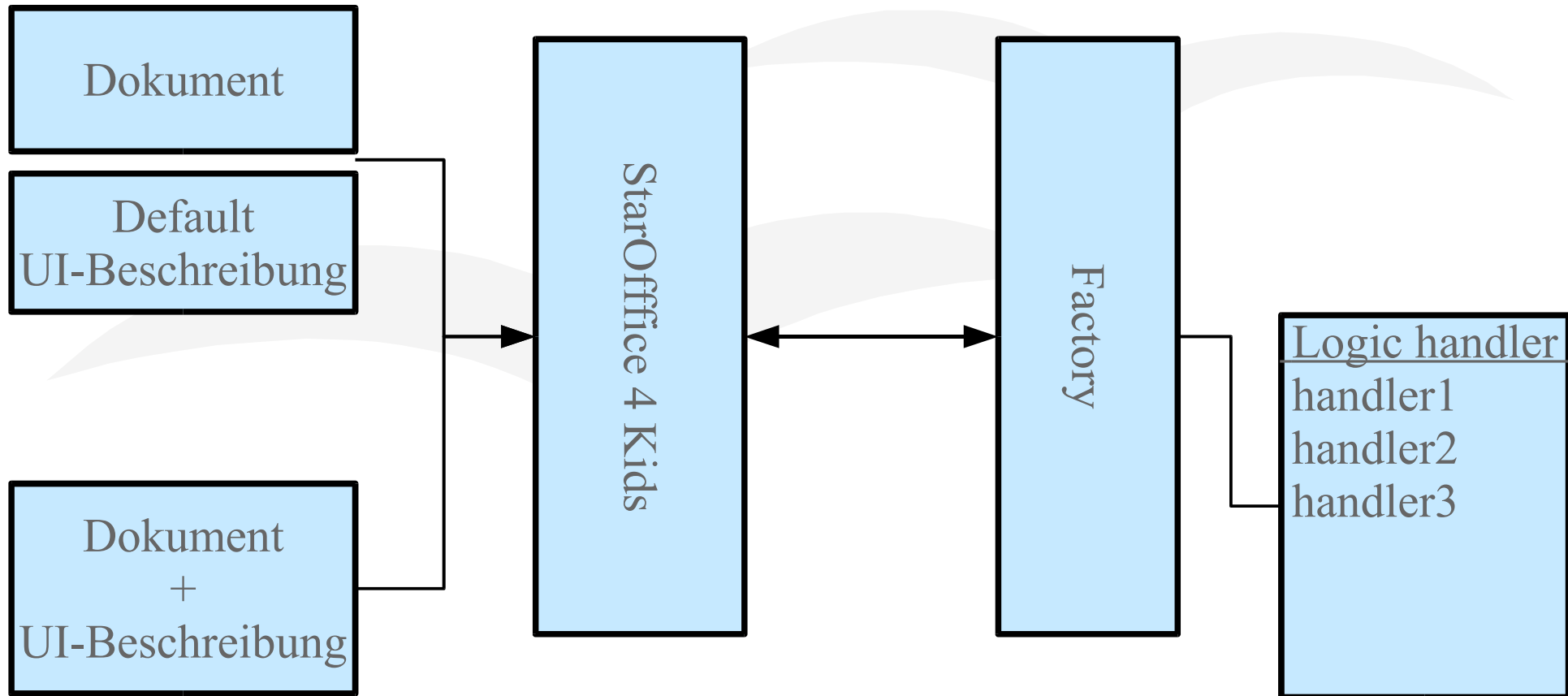


# Binding logic and interface





# The factory concept

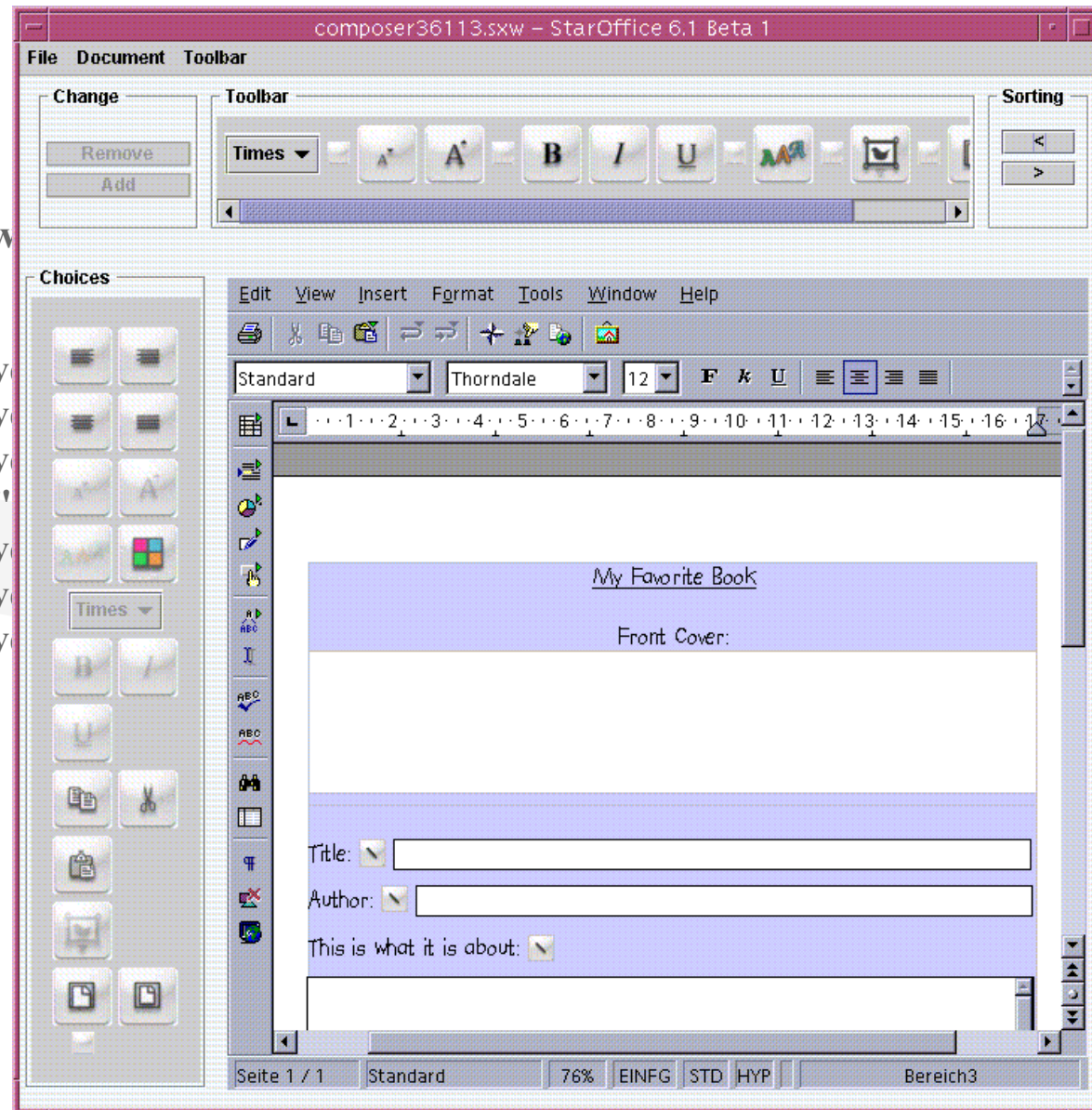


# Composing user interfaces

```
<ui>
  <panel constraints="north">
    <layout class="java.awt.FlowLayout">
      <alignment value="left" />
    </layout>
    <component description="overlay/writer/character/bold.ovl" />
    <component description="overlay/writer/character/italic.ovl" />
    <component description="overlay/writer/character/underline.ovl" />
    <spacer dimx="3" dimy="3" />
    <component description="overlay/writer/paragraph/alignLeft.ovl" />
    <component description="overlay/writer/paragraph/alignCenter.ovl" />
    <component description="overlay/writer/paragraph/alignRight.ovl" />
  </panel>
</ui>
```

# Composing user interfaces

```
<ui>
<panel constraints="north">
  <layout class="java.awt.FlowLayout"
    <alignment value="left" />
  </layout>
  <component description="over" />
  <component description="over" />
  <component description="over" />
  <spacer dimx="3" dimy="3" />
  <component description="over" />
  <component description="over" />
  <component description="over" />
</panel>
</ui>
```



- Scalable user interface
  - Binding of interface and document for many document formats
  - The task is the center
  - Functionality can grow with the knowledge of the pupils
  - Units are easy to provide
  - Units are easy to create
- 
- In a few weeks: A first version as download
  - In further versions: Completion of accessible functions

- Main Links

- <http://www.kippdata.de/>
- <http://iug.uni-paderborn.de/>

- Related Links:

- <http://www.lernstatt-paderborn.de/>

## Questions?