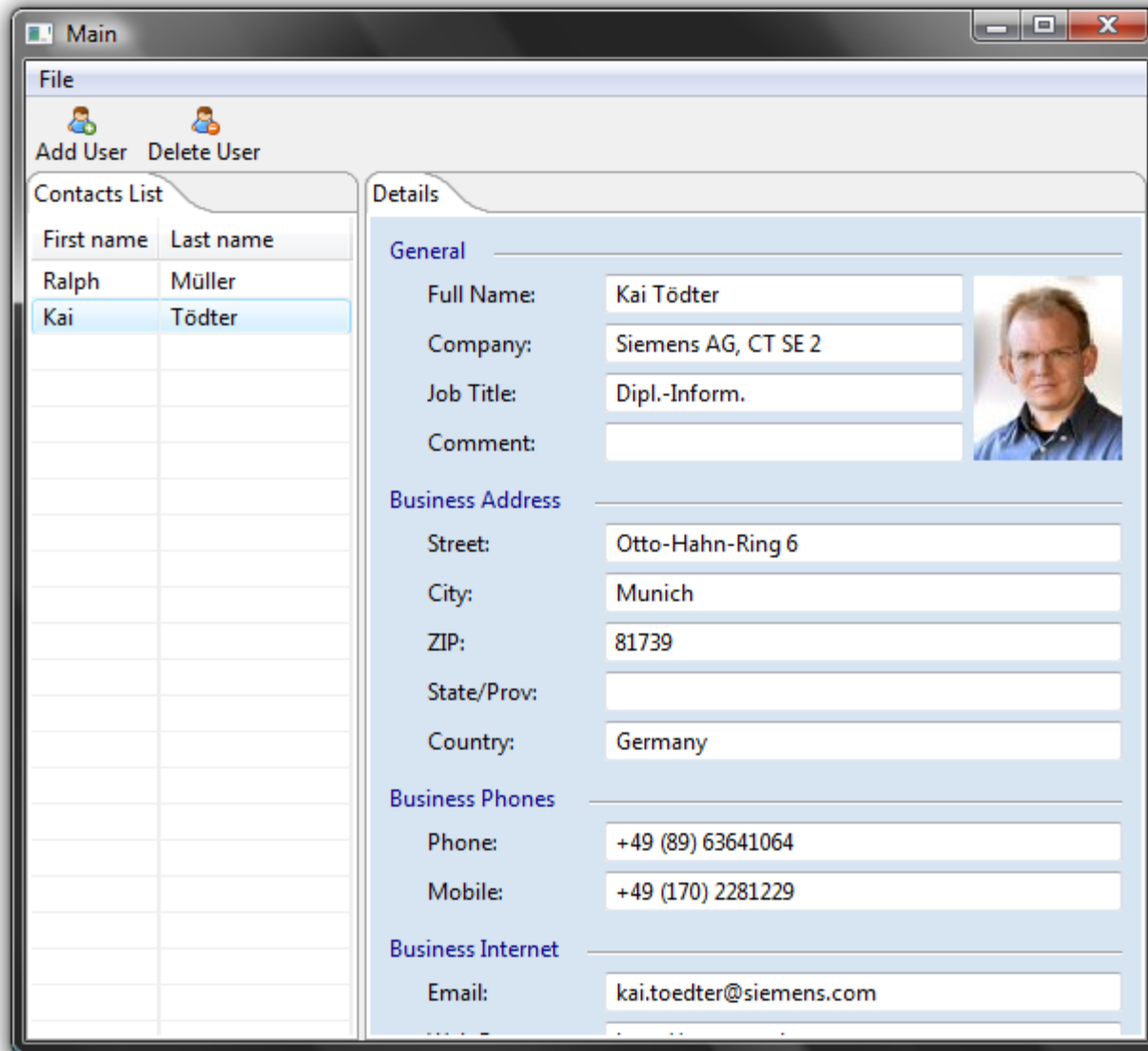# e4 css Styling Demo

Kai Tödter
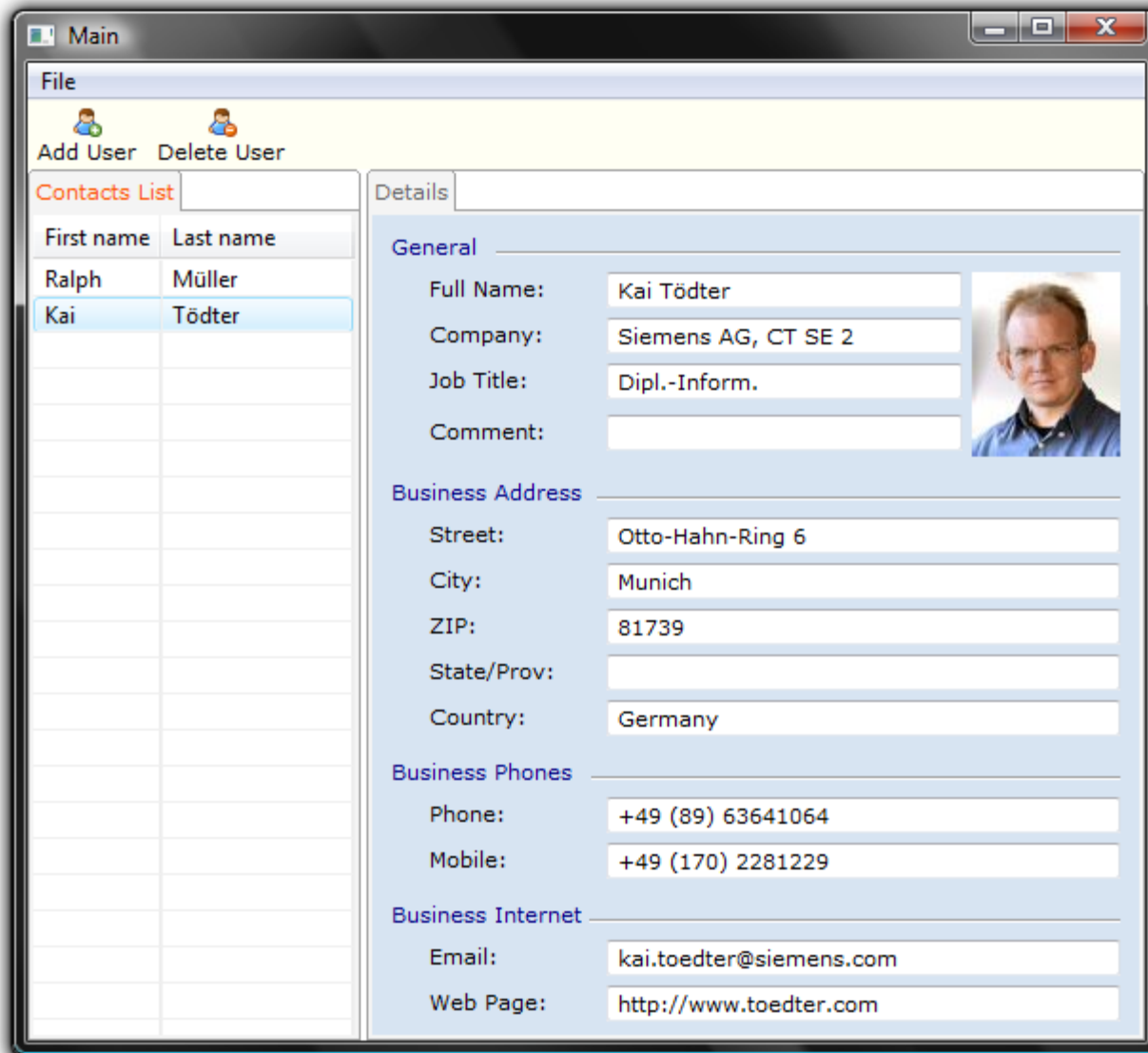### Siemens Corporate Technology

Outline

- Intro
- How to enable css Styling in e4
- How to provide custom attributes
- Demo
- Discussion

Contacts Demo without css Styling

e4 Photo Demo css Styling

Dark css Styling

How does the css look like?

```
Shell, Button, Label {
    background-color: rgb(48,48,48);
    color: rgb(240,240,240);
}

ToolBar {
    background-color: rgb(48,48,48);
    color: white;
    font: Verdana 8px;
}

CTabFolder {
    color: rgb(150,150,150);
    background-color: rgb(48,48,48);
    font: Verdana 8px;
    simple: true;
}
```

Some Things you cannot style (yet)

- Menu bar background
- Table headers

Planned but not implemented yet:
- Gradients

Gradients using TK-UI

How to enable css Styling

Create a contribution to the extension point
org.eclipse.core.runtime.products

```xml
<extension
    id="product"
    point="org.eclipse.core.runtime.products">
    <product
        application="org.eclipse.e4.ui.workbench.swt.application"
        name="E4 Contacs Demo">
        <property
            name="applicationCSS"
            value="platform:/plugin/contacts/css/dark.css">
        </property>
    </product>
</extension>
```

How to use custom attributes?

- Java

```
Label label =
    new Label(parent, SWT.NONE);
label.setData("org.eclipse.e4.ui.css.id",
              "SeparatorLabel");
```
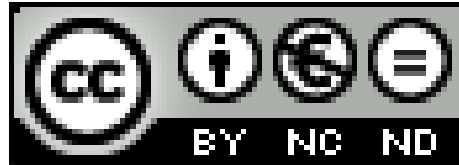
- CSS

```
#SeparatorLabel {
    color: #f08d00;
}
```

Demo

Discussion

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  - See http://creativecommons.org/licenses/by-nc-nd/3.0/de/deed.en_US
  - Some slides are based on material of the Eclipse Training Alliance, see http://www.eclipse-training.net