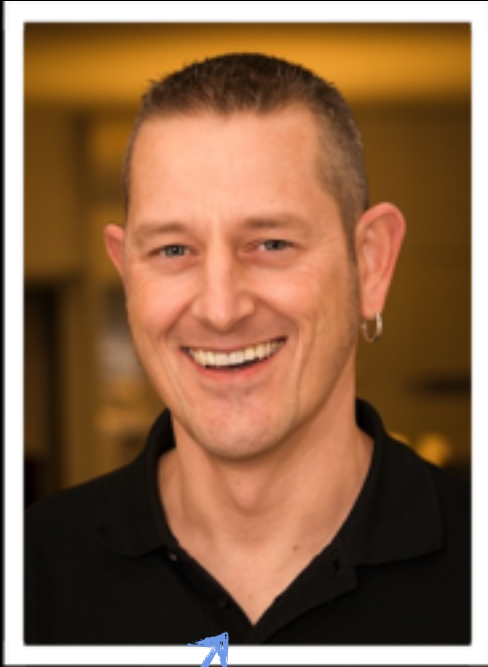


Designer versus Developer

ABOUT US



Gerrit Grunwald
@hansolo_

Anton Epple
@monacotoni



DESIGNER VS DEVELOPER



Infographic by: Shane Snow. Shane Snow is an entrepreneur, writer, and recent Columbia MS/Digital Media graduate. Visit his [personal site](#) and follow him on Twitter @[shanesnow](#).

Developers aren't good Designers!
proof: my slides!

Developers aren't good Designers!

...present company excepted!

Separate Design and Development

Example: SceneBuilder & FXML

Library

Custom

Containers

Controls

Menu

Miscellaneous

Shapes

- Ellipse
- HLineTo
- Line
- LineTo
- MeshView (FX8)
- MoveTo
- Path
- Polygon
- Polyline

Charts

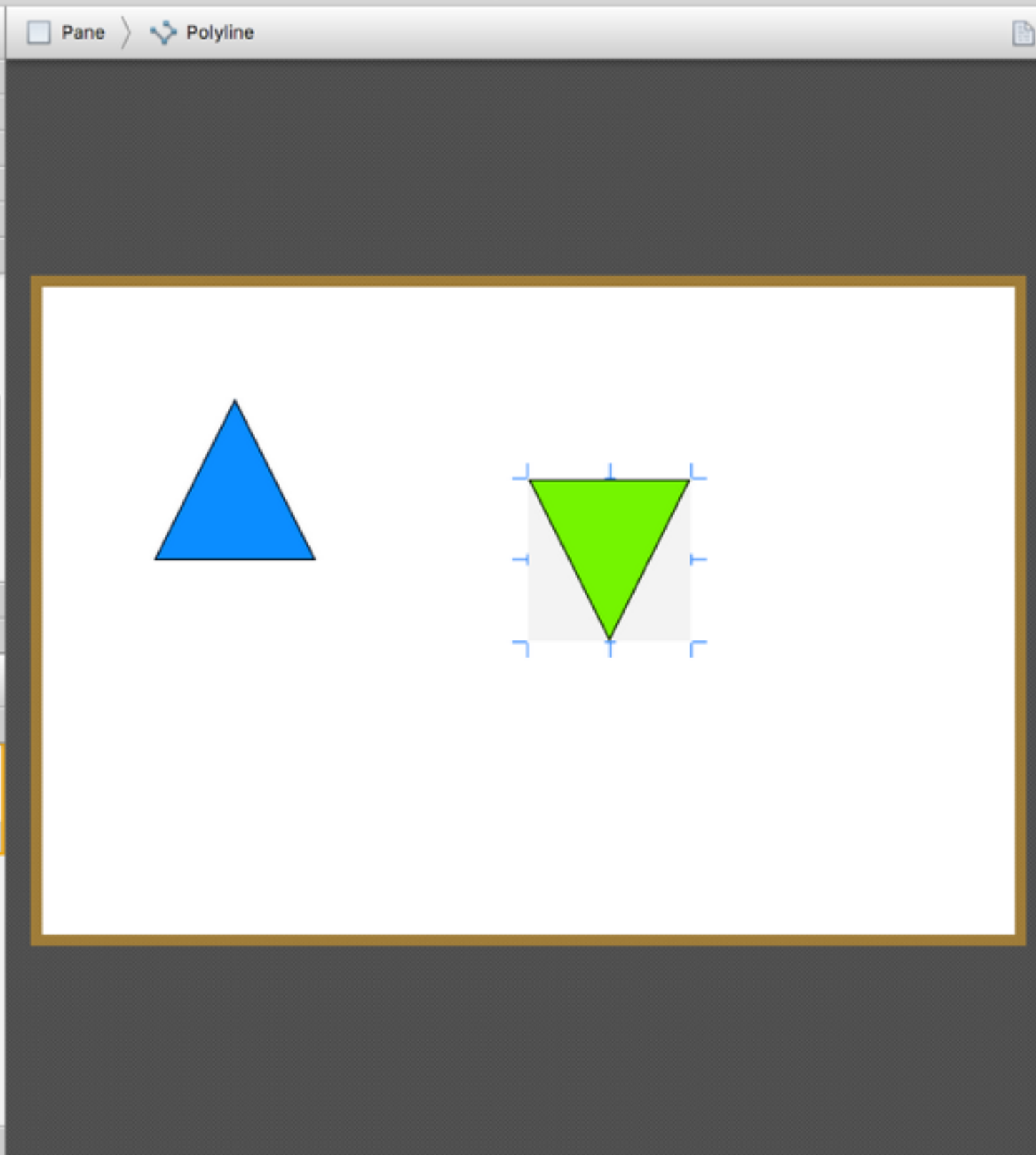
3D

Document

Hierarchy

- Pane
- Polygon
- Polyline

Controller



Inspector

Properties : Polyline

Specific

Fill CHARTREUSE

Smooth ☒

Stroke Dash A...

Stroke

Stroke BLACK

Stroke Width

Stroke Type INSIDE

Stroke Line Cap SQUARE

Stroke Line Join MITER

Stroke Miter Li...

Stroke Dash O...

Node

Disable ☐

Opacity

Node Orientation INHERIT

Visible ☒

Focus Travers... ☐

Cursor Inherited (Default)

Effect +

JavaFX CSS

Layout : Polyline

Code : Polyline

Lesson learned:
Designers prefer real tools

```
public class FXMLDocumentController implements Initializable {
```

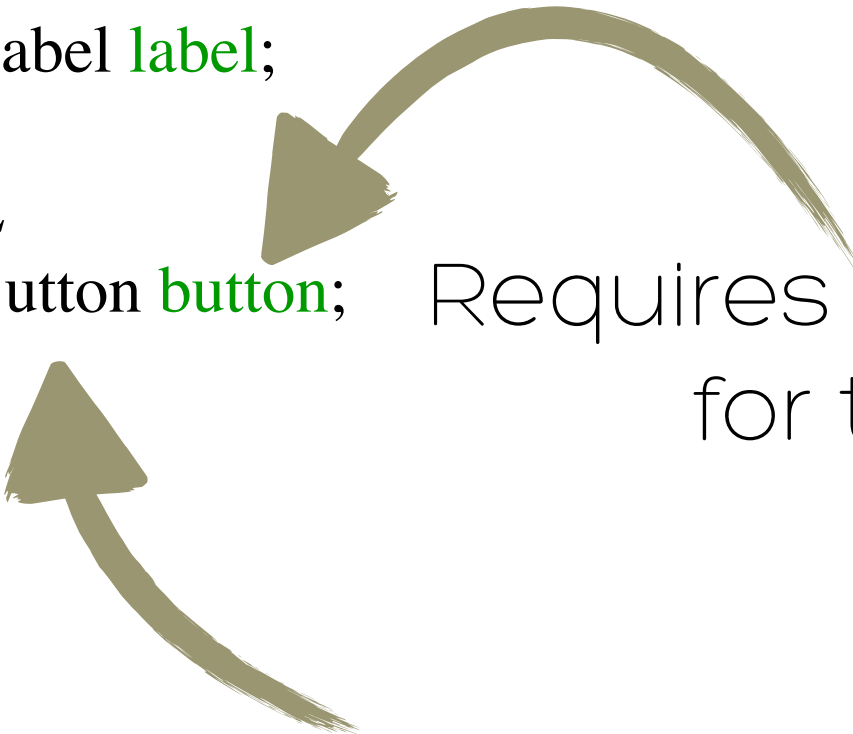
```
@FXML
```

```
private Label label;
```

```
@FXML
```

```
private Button button;
```

Requires EventQueue
for testing!



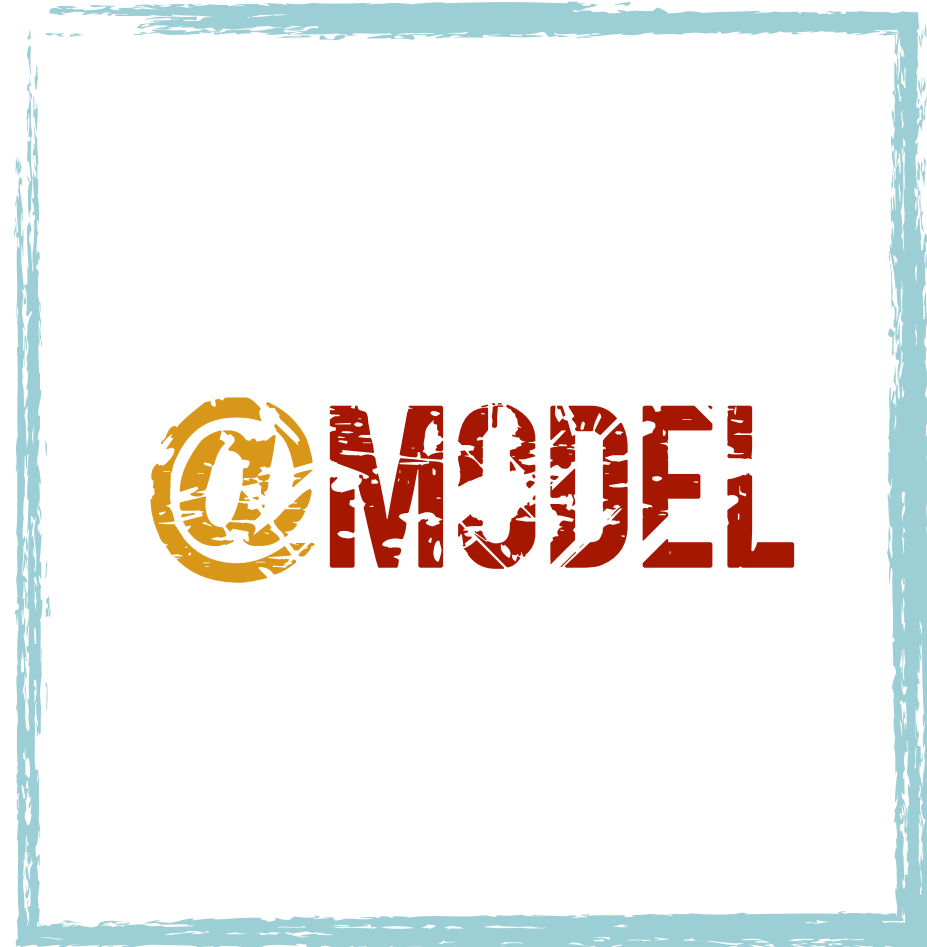
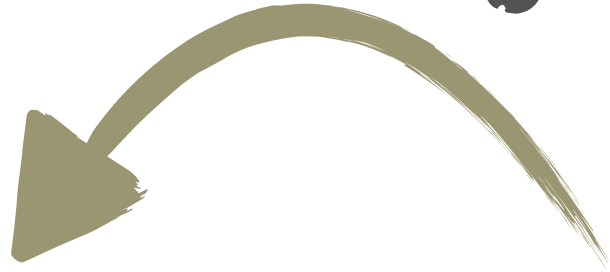
Can't switch to a different control

Lesson learned:
Clean separation required!

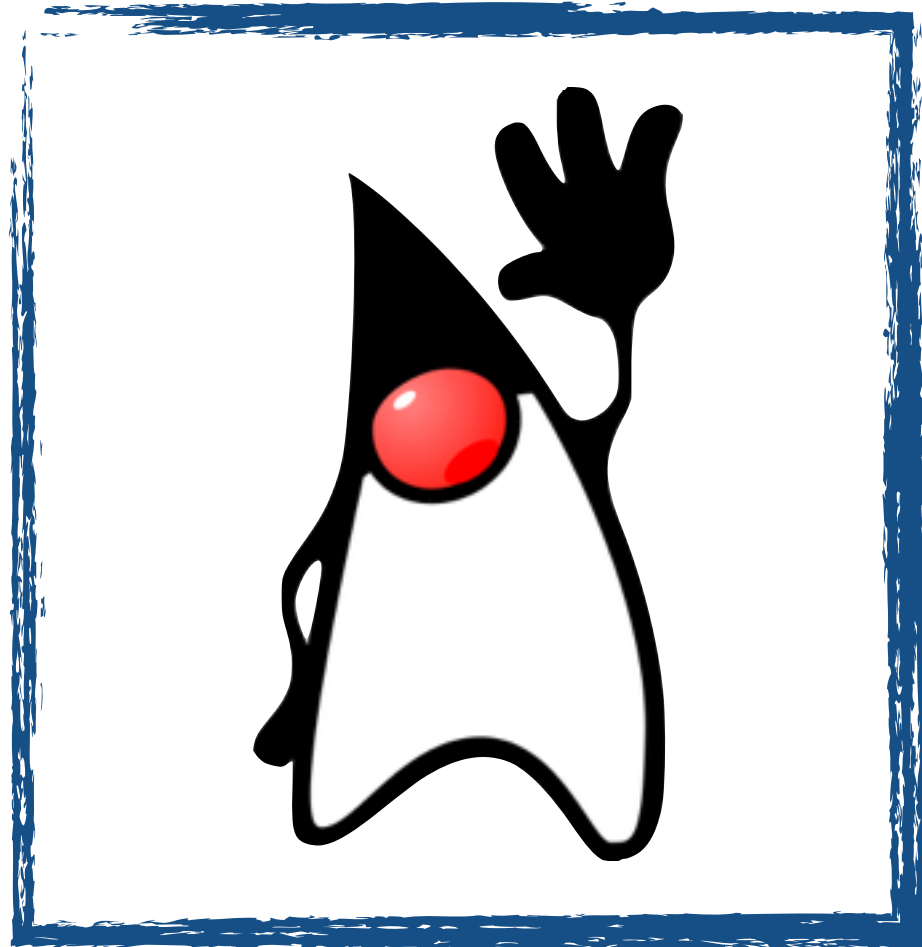
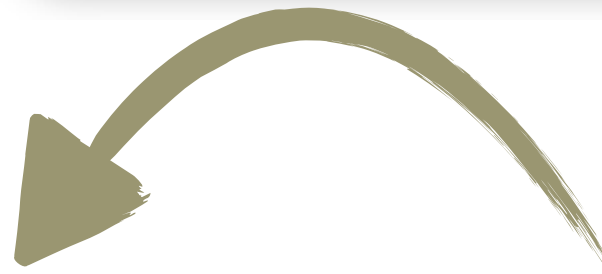


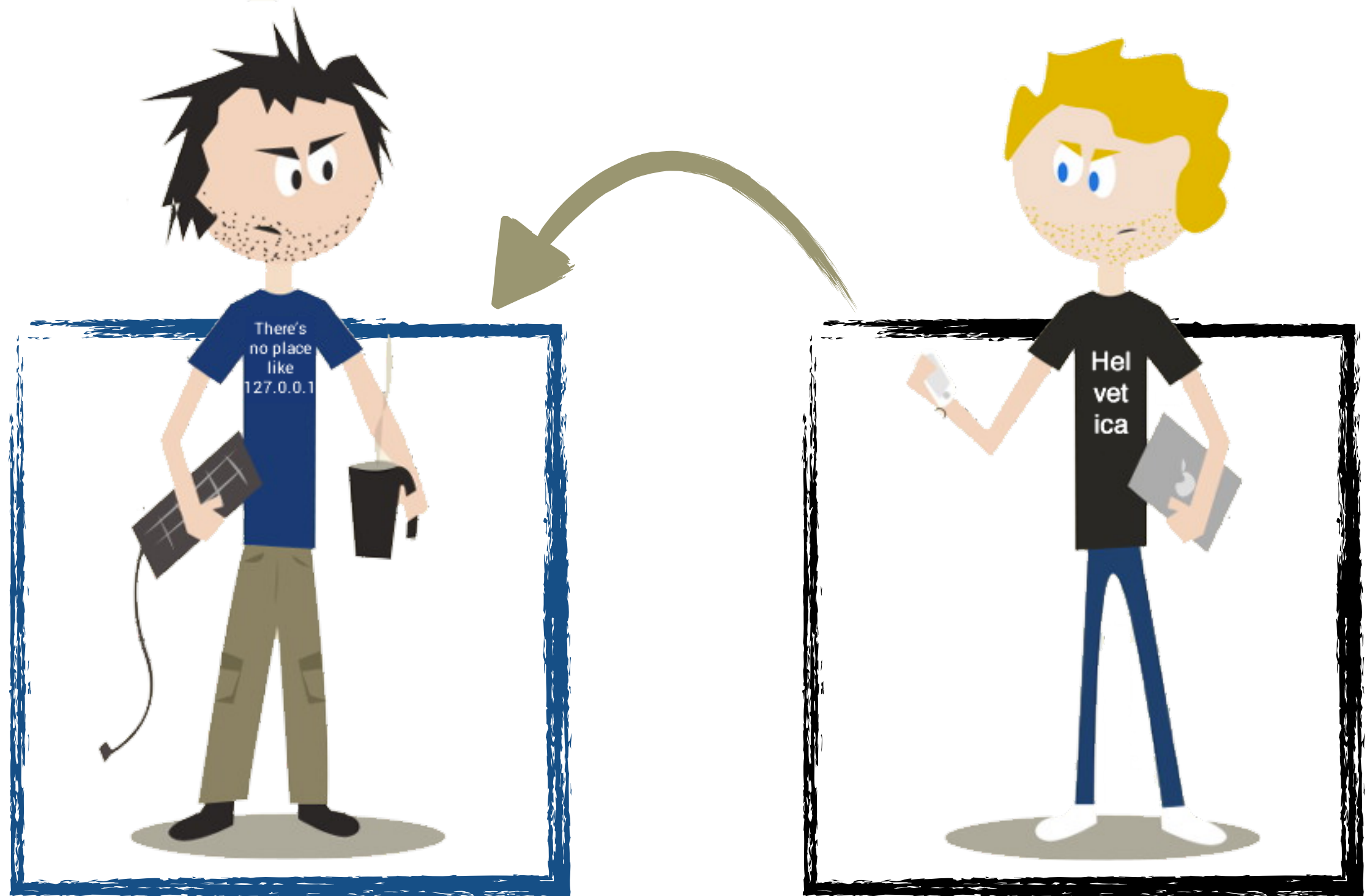
Designer - Developer Workflow

BINDS



Knockout.





Infographic by: Shane Snow. Shane Snow is an entrepreneur, writer, and recent Columbia MS/Digital Media graduate. Visit his [personal site](#) and follow him on Twitter @[shanesnow](#).

The Designer Developer Experiment



Task: Todo List App

```
@Model(className = "Task", properties = {  
    @Property(name = "title", type = String.class),  
    @Property(name = "complete", type = boolean.class)})  
final class TaskModel { }
```

```
@Model(className = "TaskListViewModel", properties = {  
    @Property(name = "input", type = String.class),  
    @Property(name = "tasks", type = Task.class, array = true),  
    @Property(name = "editing", type = Task.class)  
}, targetId = "")
```

```
final class TaskListViewModelDefinition {  
}
```

```
final class TaskListViewModelDefinition {  
  
    @Function  
    @ModelOperation  
    public static void addTask(TaskListViewModel model) {  
        if (null == model.getInput() || model.getInput().length() == 0) {  
            return;  
        }  
        Task task = new Task(model.getInput(), false);  
        model.setInput("");  
        model.getTasks().add(task);  
    }  
}
```

```
final class TaskListViewModelDefinition {  
  
    @Function  
    public static void deleteTask(TaskListViewModel model, Task data) {  
        model.getTasks().remove(data);  
    }  
  
    //...  
}
```

@Test

public void testAddTask() {

TaskListViewModel taskList = **new** TaskListViewModel();

Assert.*assertEquals*(taskList.getTasks().size(), 0);

taskList.setInput(**"Buy milk!"**);

taskList.addTask();

Assert.*assertEquals*(taskList.getTasks().size(), 1);

Task task = taskList.getTasks().get(0);

Assert.*assertEquals*(task.getTitle(), **"Buy milk!"**);

}

DEMO

Add a UI

```
<ul>
  <!-- ko foreach: tasks -->
  <li>
    <!-- ko ifnot: $root.editing()=== $data -->
    <!-- ... binde den Zustand der Checkbox an die Task-Property "complete"-->
    <input type="checkbox" name="" data-bind="checked: complete"/>
    <span data-bind="text: title"></span>
    <span class="btns">
      <button data-bind="click: $root.editTask" >Edit</button>
      <button data-bind="click: $root.deleteTask" >Delete</button>
    </span>
    <!-- /ko -->
    <!-- ko if: $root.editing()=== $data -->
    <form data-bind="submit: $root.stopEditing">
      <input type="text" data-bind="textInput: title"/>
    </form>
    <!-- /ko -->
  </li>
  <!-- /ko -->
  <li>
    <form data-bind="submit: addTask">
      <input type="text" data-bind="textInput: input"/>
    </form>
  </li>
</ul>
```

Developer Style UI



- ☒ Buy stuff Edit Delete
- ☒ Buy more stuff! Edit Delete
-

DEMO



Task: Todo List App



Challenge: Outsource Design

Extra Challenge: No special tools

Super Extra Challenge: El Cheapo!

All Items Graphics Print Web Elements Add-ons Vectors Presentations Infographics Icons Fonts Logos More

task list ui 🔍

6 Templates & Designs

Refine your results:

Sort by: Best match | Added: Any date | Grid View

- Category
- Web Elements 6
- Tags
- app 4
 - flat 4
 - iphone 4

Price

From \$4 To \$15 🔍

Sales: Show all

Rating: Show all



Modern iOS UI Set



Modern UI Set

51 Sales | \$6



Light UI Set



Light UI Set

28 Sales | \$6

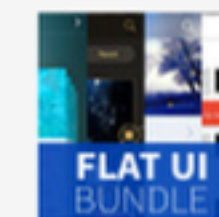


IOS Task Manager A...



IOS Task Manager A...

15 Sales | \$6



Flat UI Bundle

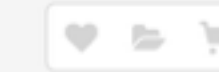


Flat UI Bundle

11 Sales | \$15

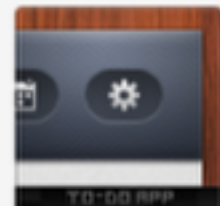


Flat UI 2



Flat UI 2

31 Sales | \$6



To-Do List App Ui

11 Sales | \$4

Original design (PSD)





psd to html

Google-Suche

Auf gut Glück!

Ungefähr 30.600.000 Ergebnisse (0,42 Sekunden)

PSD to HTML \$65 - xhtmlchop.com

Anzeige www.xhtmlchop.com/psd-to-html/ ▼

150 Expert Coders, 24hr Turnaround, Highest Quality OR 100% Moneyback!

381 Personen folgen XhtmlChop auf Google+

PSD to HTML - psd2html.com

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Best front-end developers · Sketch to HTML · Retina display ready

[Sketch to HTML](#) - [PSD to Responsive](#) - [PSD to Bootstrap](#)

PSD to HTML - We are in love with Great Designs

Anzeige www.chop-chop.org/ ▼

Talk to us about Your Projects!

Tipp: Begrenzen Sie die Suche auf **deutschsprachige** Ergebnisse. Sie können Ihre Suchsprache in den [Einstellungen](#) ändern.

PSD to HTML, WordPress, Drupal, Magento & others ...

<https://www.psd2html.com/> ▼ Diese Seite übersetzen

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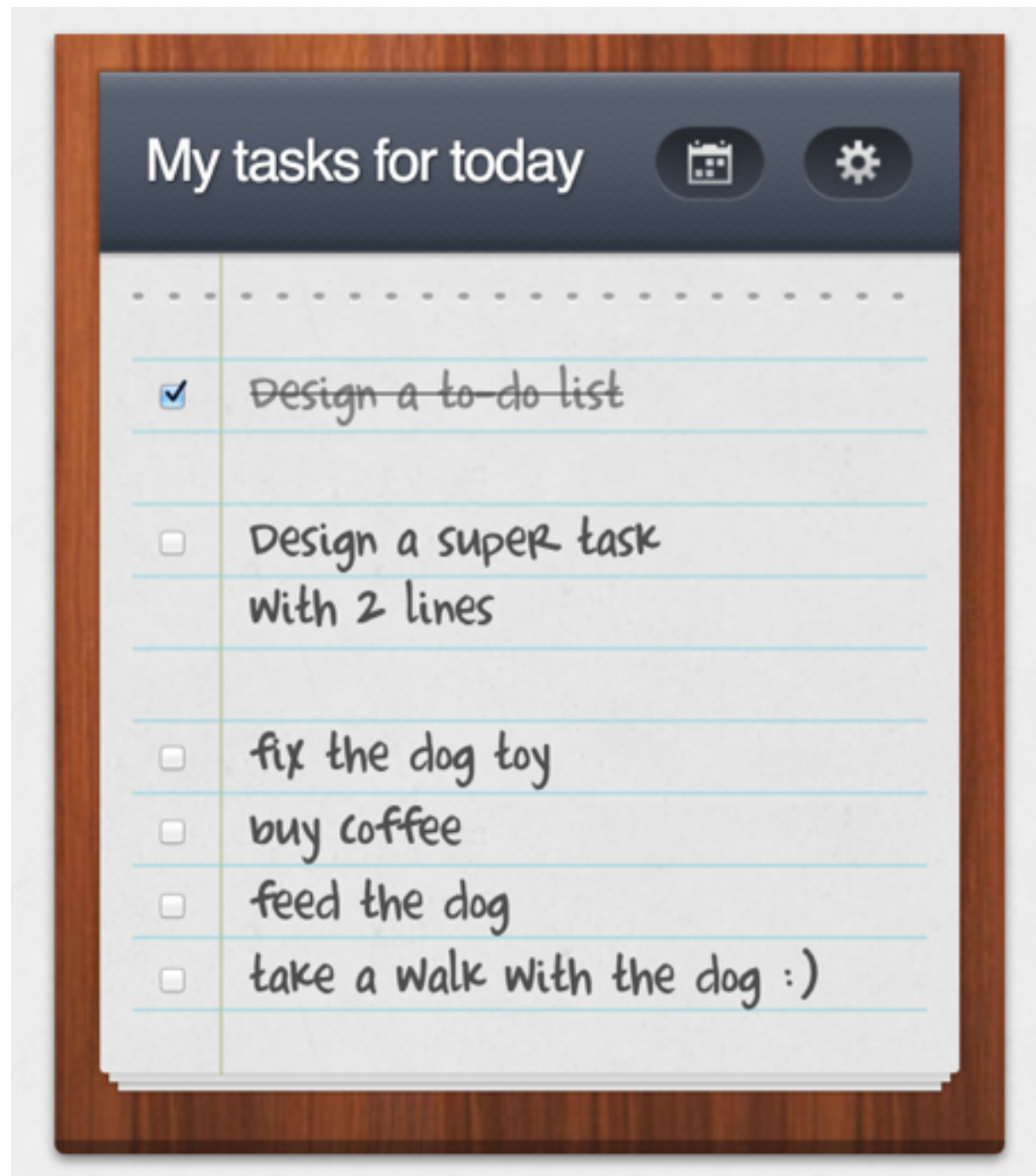
[Order now](#) - [VIEW OUR WORK](#) - [Meet the Team](#) - [PSD to HTML Conversion](#)

How to: Photoshop-Entwurf mit HTML & CSS umsetzen | t3n

t3n.de/news/howto-photoshop-entwurf-html-css-umsetzen-313455/ ▼

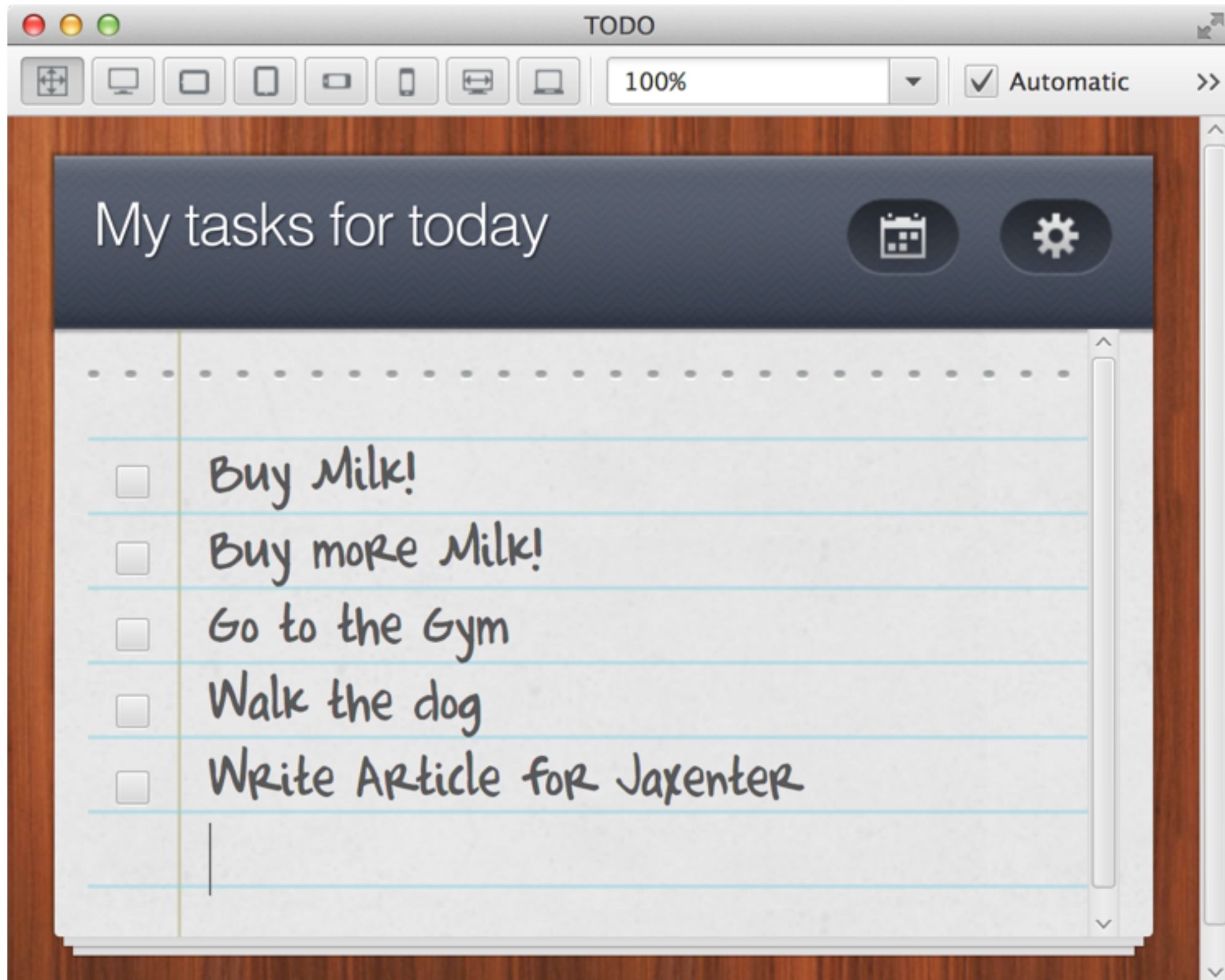
06.06.2011 - Aus dieser **PSD**-Datei erstellen wir das Design In unserer **PSD**-Datei ist das Design schon fertig — jetzt müssen wir es „nur noch“ in den ...

Converted Design (HTML & CSS)



<http://rapidhtml.com>

Final UI



DEMO

BTW: these applications run on Desktop,
iOS, Android, and in the Browser



DEMO

It's possible!

To be honest...

I tried it myself first

Here's the result:

add

- Buy milk Done
- Buy More milk Done

But since we have a Developer here
who also is a great Designer

ENZO

CONTROLS LIBRARY

made for JavaFX

LCD CONTROL

JAVA FX



LCD DESIGN VARIATIONS



BUT...

WHAT ABOUT WEB ???

NO JAVA FX

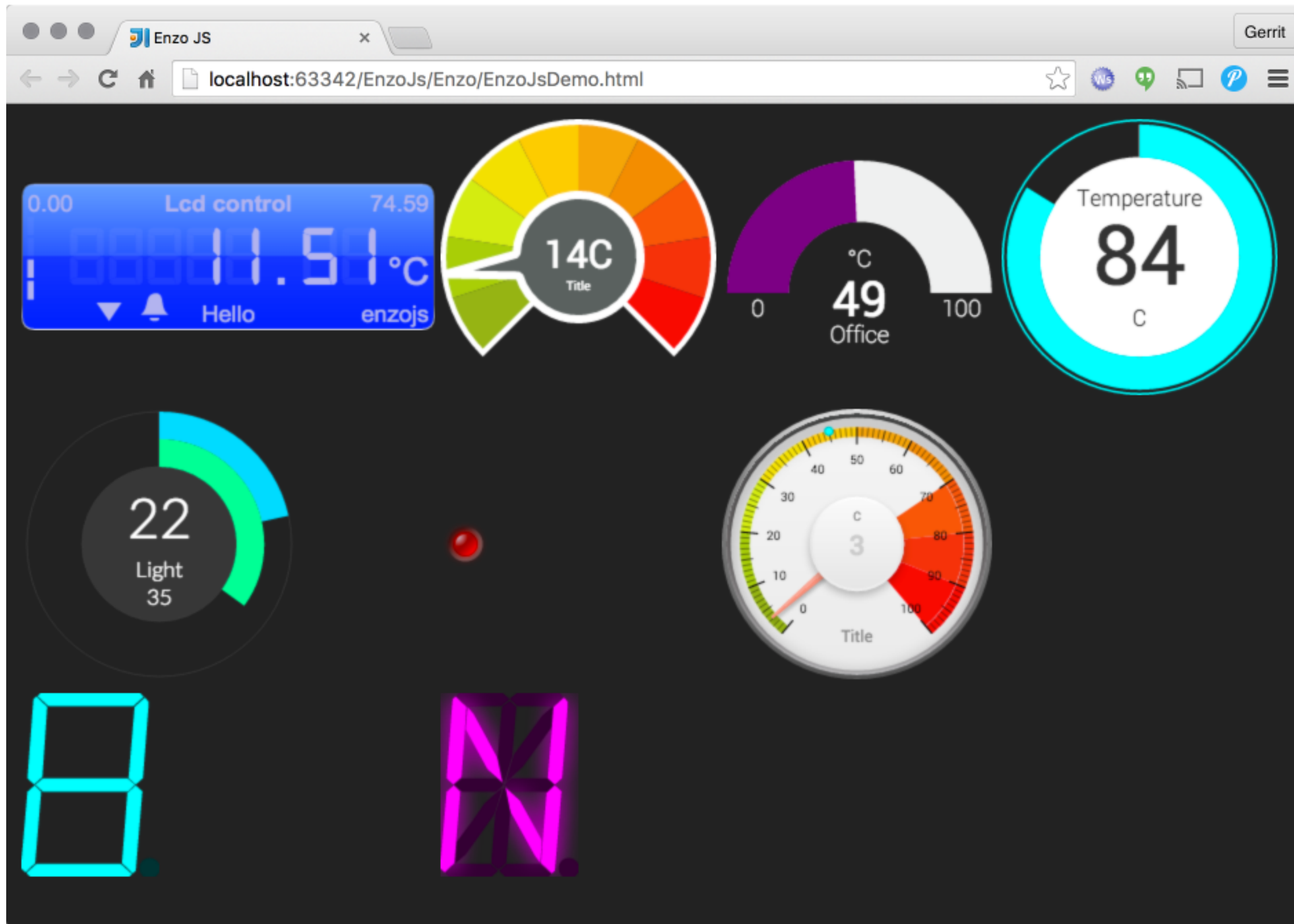
ENZO JS

made for HTML 5

LCD CONTROL

HTML 5





BUT...

JAVASCRIPT



SOLUTION



More about DukeScript

TUESDAY, OCT 27, 8:30 A.M. | HILTON—
CONTINENTAL BALLROOM 7/8/9

**CRUSH CANDY WITH
DUKESCRIP [TUT3970]**

HOL3962, THURSDAY, OCT 29, 2:30 P.M. | HILTON—FRANCISCAN ROOM B/C/D



THURSDAY, OCT 29, 2:30 P.M. | HILTON—
FRANCISCAN ROOM B/C/D

**JAVA EVERYWHERE AGAIN—
WITH DUKEScript [HOL3962]**

Thank you!