Twitter Bootstrap theme

For Application Express 4.2.x and 5.0

A presentation by

Who is smart4apex?

- Just some geeks passionate about Apex, having fun together

- Sharing experience and knowledge

- Explore new techniques and opportunities

- Build state of the art (Apex) solutions for our customers

Reliable Apex solutions by shared knowledge

Who are we?

Sergei Martens

- Oracle since 1998 (Oracle 7)
- Started as classic developer (Forms & Designer), now Apex
- Special interest in UI
- Speaker Apex World, Kscope

Richard Martens

- Oracle since 2002 (Oracle 8i)
- PL/SQL, Apex, HTML5, CSS3, JavaScript, XML, XSLT
- Special interest in UI
- RIMA on Oracle Forums
- Speaker Kscope, Apex World, SIOUG, HROUG, DOAG, UKOUG
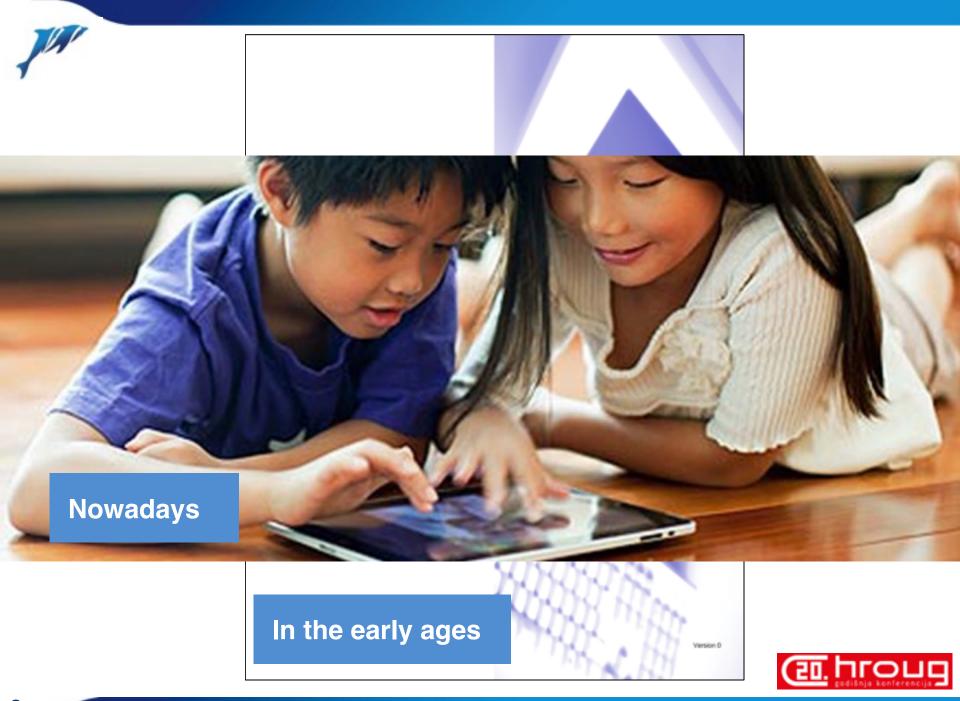
Safe Harbor Statement

The following sheets are intended to outline our general thoughts about UI trends.

Some of the statements can act as confrontational and explicit.

Things will be more nuanced in the real world.

We intentionally did this to create a clearer understanding about the topics discussed.

Nowadays

In the early ages

Version 0

6

User-interfaces are getting important to an increasing extent.

The best user-interface

- Is intuitive to the user (no manual needed)
- Looks trendy (nobody wants to use old/odd looking software anymore)

Companies invest a lot of money in a company brand

Trends

- Simple design
- Just a few items
- Large items
- Dynamic regions
- Info graphics
- Dashboards
- Long pages
- Flat design

- Complex design
- Many items
- Small items
- Tabs / Report -> Detail
- Text
- Reports / tables
- Short pages
- Skeuomorphic (realism)

Our dashboards

Tomorrow

Example: logo's through the years

Mission

Create an Apex application theme which:

- is trendy and intuitive
- can easily be used (out of the box)
- can easily be adjusted to own brand.
- supports many UI-items
- is free to use (open source)
- is well documented

Why bootstrap?

- a **free collection of tools** for creating websites and web applications.

- the **most popular framework** on the internet.

- supports **responsive design**.

- thousands of **plug-ins** available.

- it is **easy to adjust** to corporate brand.

- a **frequent release** schedule.

- based on **JQuery**

What is included?

- **Theme CSS**

- **Theme javascript**
    - remember active tab
    - close modal

- **Templates**
    - page
    - region
    - label
    - etc…

- **Apex plug-ins**
    - Modal iframe (da)
    - Calendar (item)

- **Other (integrated) plug-ins**
    - Fontawesome
    - Parsley (JQuery)
    - Cookie (JQuery)
    - Bootstrap Notification
    - Bootstrap selectlist
    - Bootstrap date-picker
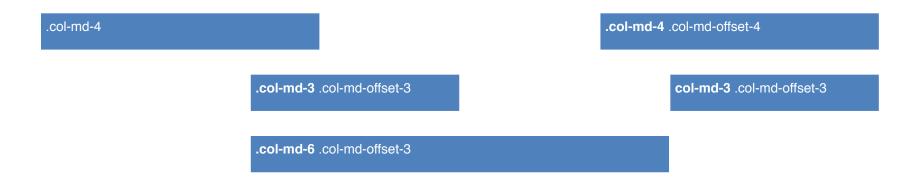
Bootstrap responsive - grid

- 12 column layout
- 940px width
- Works with CSS-classes:
    - .row; like <tr> in html-table
    - .col-md-#; width of the column
    - .col-md-offset-#; move # columns to the right
    - .container-fluid; percentages in stead of fixed width
    - .container; center on page

Offsetting columns

Move columns to the right using .col-md-offset-*.
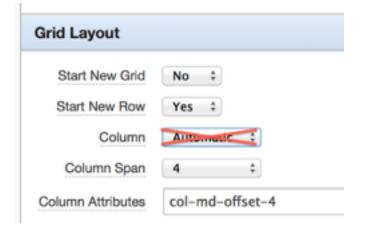These increase the left margin of a column by * columns.

.col-md-4	**.col-md-4** .col-md-offset-4
.col-md-3 .col-md-offset-3	**col-md-3** .col-md-offset-3
.col-md-6 .col-md-offset-3	

Bootstrap vs. Apex

Problem:

Bootstrap : relative positioning

Apex: absolute positioning
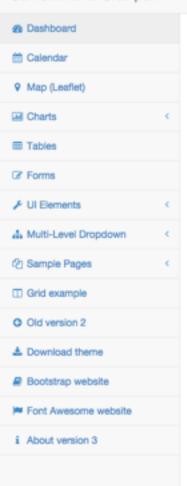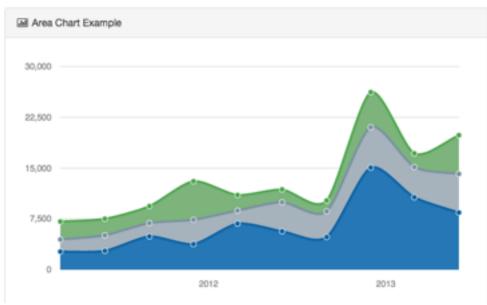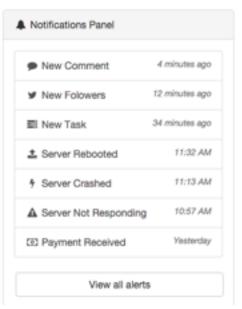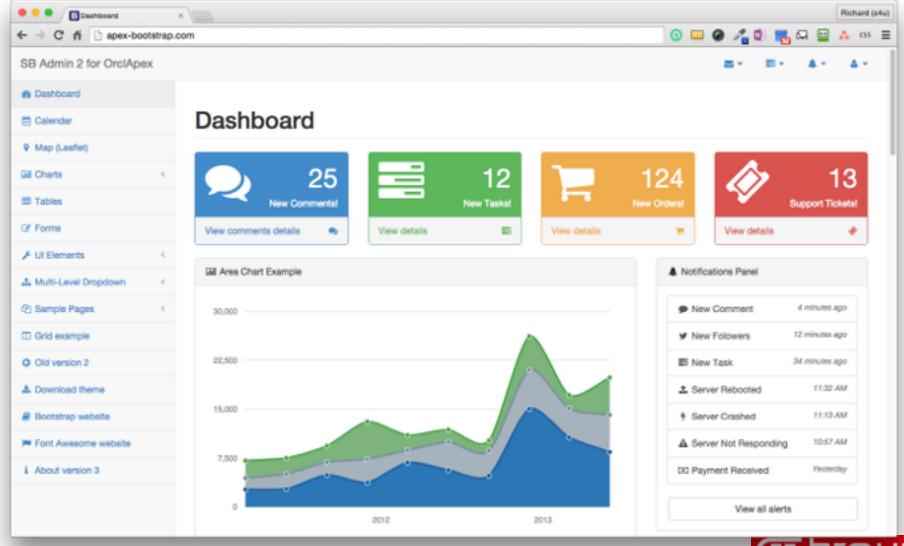
Solution:

col-xx-offset-# in column attributes

Demo

Were to get the theme

Do you want to participate in development?

**We are fishing for IT professionals
with a hunger for knowledge**