

JavaEE: A Beginner's Experience

Vasilis Souvatzis

About me

- Student at the Alexander Technological Institute of Thessaloniki
- Just finished my thesis paper on JavaEE 7
- Love Java & NetBeans - now JavaEE too

Twitter - Gmail - GitHub: [vasouv](#)

What I'll talk about

Overview of the past year's experience

Tools I've used - and why I chose them

Live demo of the application

Show the code of my project

This is how it all started...



Assignment

March 2014 - Two semesters to complete

Topic - Develop a web tutoring service using
JavaEE 7

Project & thesis document

Problems

Broad topic

No knowledge of the platform

Many resources (books, websites, etc)

Time

Solutions

Default tools - Netbeans, Glassfish, JavaDB

Basic functionality and design

Focus on each domain separately

Visual Implementation

Build the page's layout first

Rough idea of the data handling

Prepare the backing bean

More than meets the eye...



Showcase (1 / 3)

RadioButton				
	Id	Year	Brand	Color
<input type="radio"/>	8198a116	1964	Volkswagen	Blue
<input type="radio"/>	a6a48a48	1967	Renault	Black
<input checked="" type="radio"/>	1674383a	1963	Honda	Red
<input type="radio"/>	af579af8	2001	Ford	Black
<input type="radio"/>	b74458b4	2000	Fiat	Red
<input type="radio"/>	64b4850c	2009	Audi	Maroon
<input type="radio"/>	293a1a48	2003	Renault	Silver
<input type="radio"/>	7f0f9d90	1963	BMW	Maroon
<input type="radio"/>	d8f5ef7e	2006	Audi	Maroon
<input type="radio"/>	3e0839bc	1985	Mercedes	Orange
View				

Showcase (2 / 3)

Basic



The story begins as Don Vito Corleone, the head of a New York Mafia family, oversees his daughter's wedding. His beloved son Michael has just come home from the war, but does not intend to become part of his father's business. Through Michael's life the nature of the family business becomes clear. The business of the family is just like the head of the family, kind and benevolent to those who give respect, but given to ruthless violence whenever anything stands against the good of the family.

+ Toggleable

Showcase (3 / 3)

carousel.xhtml

CarouselView.java

CarService.java

Documentation

```
1 <h:form id="form">
2   <p:carousel value="#{carouselView.cars}" headerText="Basic" va
3   <h:panelGrid columns="2" style="width:100%" cellpadding="5"
4     <f:facet name="header">
5       <p:graphicImage name="demo/images/car/#{car.brand}"
6     </f:facet>
7
8     <h:outputText value="Id:" />
9     <h:outputText value="#{car.id}" />
10
11    <h:outputText value="Year" />
12    <h:outputText value="#{car.year}" />
13
14    <h:outputText value="Color:" />
15    <h:outputText value="#{car.color}" style="color:#{car.
16
```



Live demo & code

JavaEE Conclusion

Fantastic stack

Easy to start with

Ridiculous amount of resources

Great tools

That's all folks!

Thank you :)