

# PRIMEFACES

Çağatay Çivici  
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# Çağatay Çivici

- \* Apache MyFaces PMC
- \* **“The Definitive Guide to Apache MyFaces and Facelets”** yazarı (APRESS)
- \* **“Core JSF 2nd Edition”** referansı (Sun Core Series)
- \* “JBoss Seam and Trinidad” ve “Apache MyFaces” kitapları için “Technical Reviewer”
- \* **JSFOne** (USA), **JSFDays** (Avusturya), **UK JWUG Londra konuşmacı**
- \* **PrimeFaces** Proje Lideri
- \* **Krank** Proje Üyesi
- \* **Oracle RCF** Proje Üyesi
- \* Eğitmen, Danışman, Mentor
- \* **FC Barcelona**
- \* **Prime Teknoloji** (İngiltere-Türkiye)



# Prime Teknoloji

- \* Danışmanlık, Eğitim, Outsource
- \* Agile Agile Agile, TDD, Patterns
- \* Java EE, JSF, Spring, Seam, JPA
- \* [www.emlakharitam.com](http://www.emlakharitam.com)
- \* PrimeFaces
- \* [www.prime.com.tr](http://www.prime.com.tr)

# JSF

- \* Müşterek taaruz uçağı (Joint Strike Fighter)
- \* Mürettebat: 1
- \* Uzunluk: 15,37 m
- \* Yükseklik: 5,28 m





# Java Server Faces

- \* JAVA EE'nin Standart Web Çatısı
- \* Bileşen odaklı
- \* Olay güdümlü (Event driven)
- \* Swing ve WEB
- \* Apache MyFaces ve Sun Mojarra (RI)
- \* Endüstri Destegi (Sun, IBM, Oracle, JBoss, Apache vs)

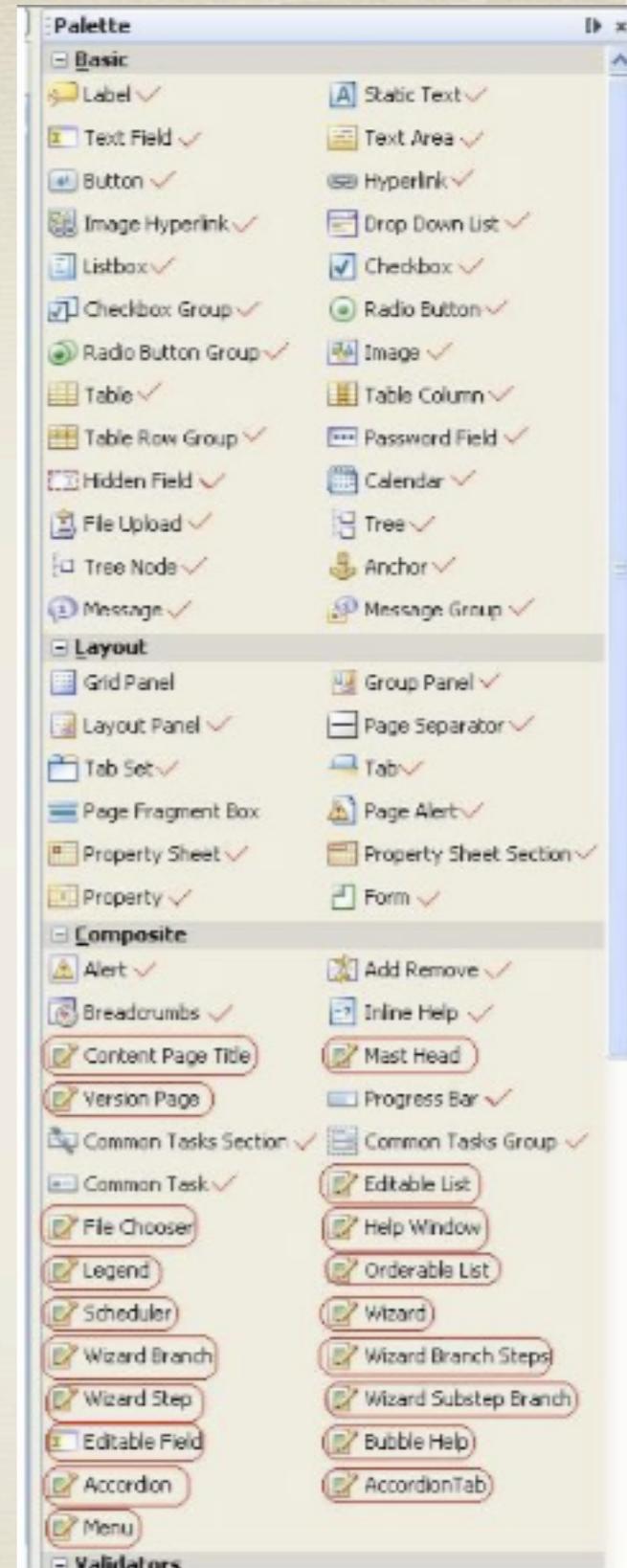
# Apache MyFaces

- \* JSF 1.1 ve 1.2 implementasyonu
- \* Tomahawk
- \* Trinidad
- \* Tobago
- \* Portlet Bridge RI
- \* Orchestra
- \* ExtVAL



# Araç Desteği

- \* Netbeans
- \* JBoss Tools
- \* MyEclipse
- \* Eclipse WTP
- \* JDeveloper
- \* IBM RAD
- \* IDEA
- \* Macromedia Dreamweaver



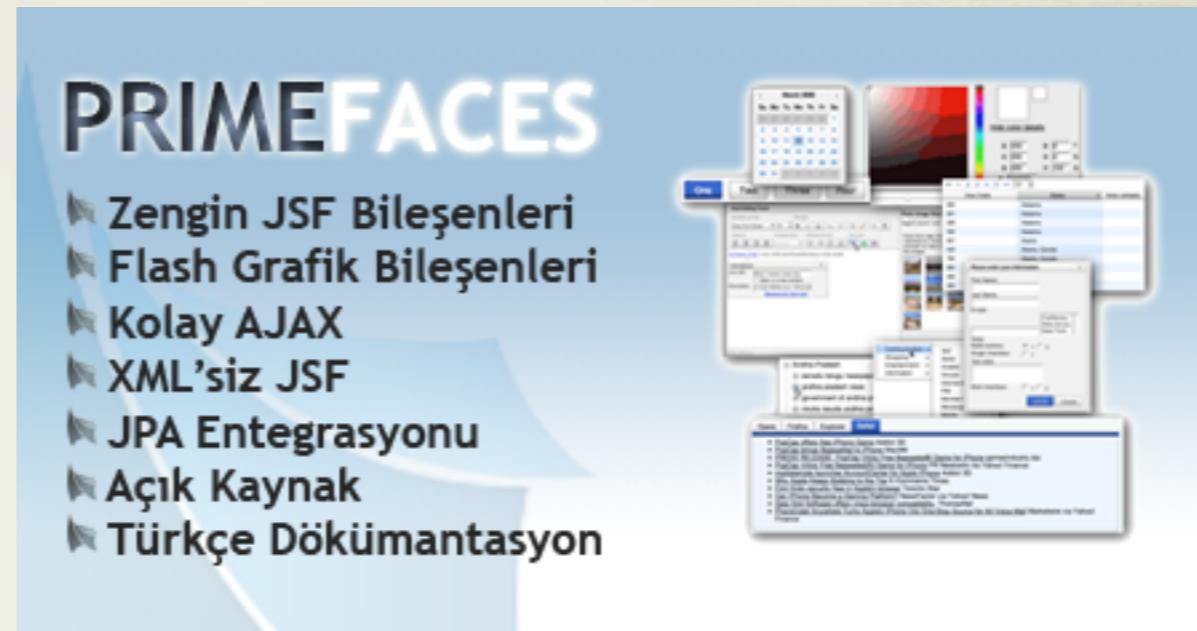
# Bileşen Kütüphaneleri

- \* MyFaces Tomahawk
- \* MyFaces Trinidad
- \* MyFaces Tobago
- \* JBoss RichFaces
- \* IceFaces
- \* Quipukit
- \* NetAdvantage
- \* WebGalileo



# PrimeFaces

- \* Açık Kaynak
- \* Türkçe Desteği
- \* Zengin Bileşenler
- \* Kolay AJAX
- \* XML'siz JSF
- \* Detaylı Dokümantasyon
- \* Bir framework değil



# Açık Kaynak Modeli

- \* Kod sizinle olsun (May the source be with you)
- \* Ücretsiz
- \* Apache Software Foundation Tecrübesi
- \* <http://code.google.com/p/primefaces/>
- \* Türkiye ve Açık Kaynaklı yazılım geliştirme



# Türkçe

- \* Türkçe dökümantasyon (160 + sayfa)
- \* Bileşenlere hazır Türkçe desteği
- \* Türkçe forum



**PrimeFaces Html Editörü**

Yazılı Tipi ve Büyüklüğü		Yazılı Stili		Geri al/Yenile												
Arial	13	<b>B</b>	<i>I</i>	<u>U</u>	A <sub>x</sub>	A <sup>x</sup>										
Hizalama	Paragraf Stili	Girintiler ve Listeler	Ekle													
				Normal												

# PrimeFaces Yapısı

- \* Arayüz Bileşenleri
- \* Optimus
- \* FacesTrace
- \* Bağımsız modüller

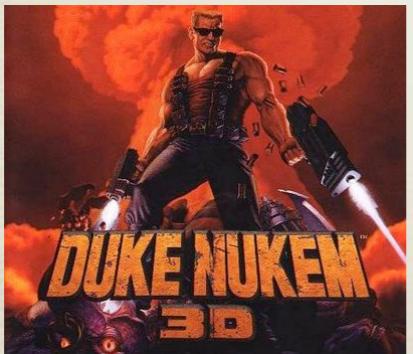




# Kurulum

- \* 1) İndirme
- \* 2) Logging ve SLF4J
- \* 3) Resource Servlet
- \* 4) JSP veya Facelets Taglib
- \* 5) p:resources

\*



Let's ROCK!

# Manuel İndirme

- \* Google code sayfası:

<http://code.google.com/p/primefaces/issues/list>

Filename	Summary + Labels	Uploaded	Size	DownloadCount	...
<a href="#">optimus-0.7.1.jar</a>	Optimus 0.7.1	Feb 22	60.7 KB	75	
<a href="#">primefaces-ui-0.8.1.jar</a>	UI Components 0.8.1	Feb 22	1.0 MB	116	
<a href="#">facestrace-1.1.0.jar</a>	FacesTrace 1.1.0	Jan 25	32.4 KB	234	
<a href="#">optimus-0.7.0.jar</a>	Optimus 0.7.0	Jan 25	54.0 KB	190	
<a href="#">primefaces-ui-0.8.0.jar</a>	UI Components 0.8.0	Jan 25	1001 KB	315	

# Maven ile indirme

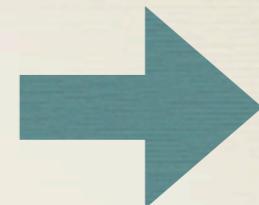
```
<repository>
  <id>prime-repo</id>
  <name>Prime Technology Maven Repository</name>
  <url>http://repository.prime.com.tr/</url>
  <layout>default</layout>
</repository>
```

```
<dependency>
  <groupId>org.primefaces</groupId>
  <artifactId>primefaces-ui</artifactId>
  <version>0.8.1</version>
</dependency>
```



# Resource Servlet

- \* Paketlenmiş JS, CSS, imaj gibi kaynaklar



```
<servlet>
    <servlet-name>Resource Servlet</servlet-name>
    <servlet-class>
        org.primefaces.ui.resource.ResourceServlet
    </servlet-class>
    <load-on-startup>1</load-on-startup>
</servlet>

<servlet-mapping>
    <servlet-name>Resource Servlet</servlet-name>
    <url-pattern>/primefaces_resources/*</url-pattern>
</servlet-mapping>
```

# Taglib

- \* JSP Taglib

```
<%@ taglib uri="http://primefaces.prime.com.tr/ui" prefix="p" %>
```

- \* Facelets Namespace

```
xmlns:p="http://primefaces.prime.com.tr/ui"
```

# JSF Sayfası

```
<html xmlns="http://www.w3.org/1999/xhtml"
      xmlns:p="http://primefaces.prime.com.tr/ui">

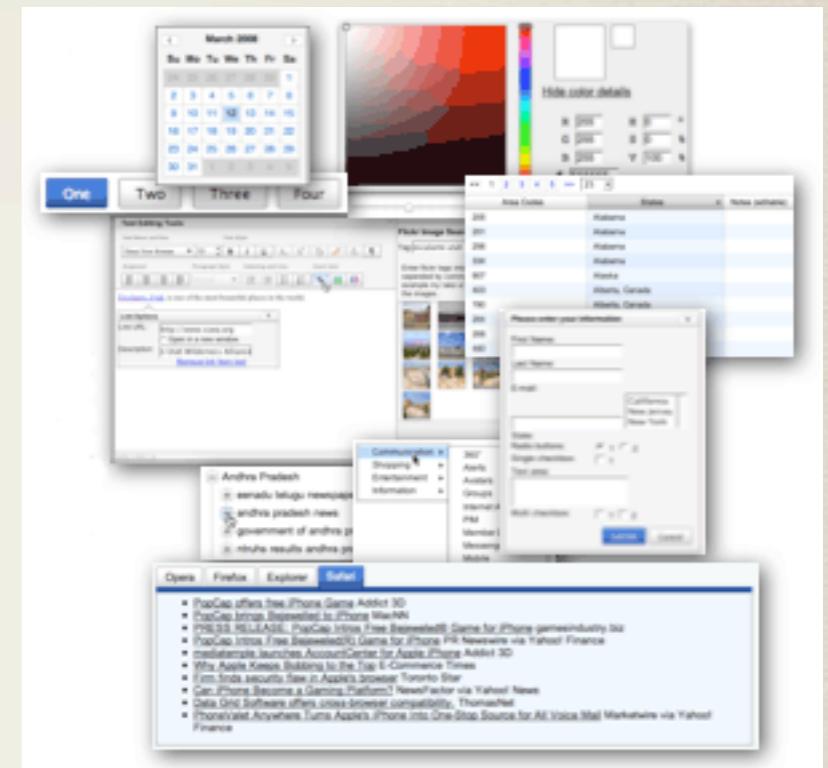
<head>
    <p:resources />
</head>

<body>
    <p:editor />
</body>

</html>
```

# Arayüz Bileşenleri

- \* Zengin içerikli bileşenler
- \* Hazır ve Kolay Ajax
- \* Flash tabanlı grafik bileşenleri
- \* Html den bağımsız javascript
- \* Yahoo UI, Prototype, Scriptaculous



# Zengin Bileşenler

UIAjax	DataTable
AccordionPanel	Dialog
AutoComplete	Editor
Button	ImageCropper
Calendar	Menu
Captcha	Panel
Carousel	Poll
Charts	Resizable
ColorPicker	Slider
ConfirmDialog	Tabview
Tooltip	Tree

# Kolay Ajax (Eycaks)

- \* Partial Page Rendering - PPR
- \* Javascript yazmadan Ajax



# Ajax Update

```
<h:form prependId="false">  
    <h:inputText value="#{kullaniciKayit.isim}" />  
    <p:button value="Kaydet" update="isim" async="true"/>  
    <h:outputText id="isim" value="#{kullaniciKayit.isim}" />  
</h:form>
```



# Ajax Status



- \* Ajax İsteklerinin durumu
- \* Herhangi bir ajax isteği

```
<p:ajaxStatus>
    <f:facet name="start">
        <h:graphicImage value="ajaxloadingbar.gif" />
    </f:facet>

    <f:facet name="complete">
        <h:outputText value="Kullanıcı Kaydedildi" />
    </f:facet>
</p:ajaxStatus>
```



# Ajaxify

- \* Herhangi bir bileşen için ajax desteği

```
<h:inputText value="#{kullaniciKayit.isim}">
    <p:ajax event="keyup" update="isim" />
</h:inputText>

<h:outputText id="isim" value="# {kullaniciKayit.isim}" />
```

- \* Herhangi bir dom eventi
  - \* blur, keyup, click, change

# Ajaxify Remoting

- \* JAVA metodlarının AJAX ile çağrılması

```
<h:inputText value="#{kullaniciKayit.isim}">
    <p:ajax event="blur" update="isim"
        actionListener="# {kullaniciKayit.kullaniciVarMi}"/>
</h:inputText>

<h:outputText id="isim" value="# {kullaniciKayit.isim}" />
```

```
public void kullaniciVarMi(ActionEvent actionEvent) {
    //Aynı adlı kullanıcı var mı yok mu kontrolü
}
```

# Ajax Polling

## \* Periyodik Ajax İstekleri

```
<h:form prependId="false">
    <h:outputText id="sayi" value="# {sayac.sayi}" />

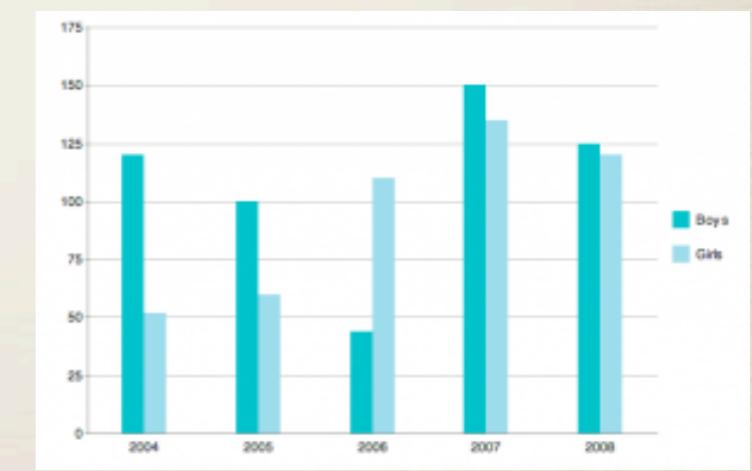
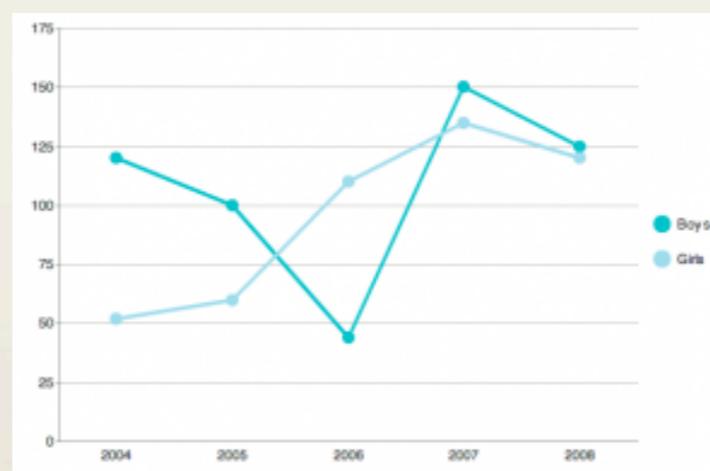
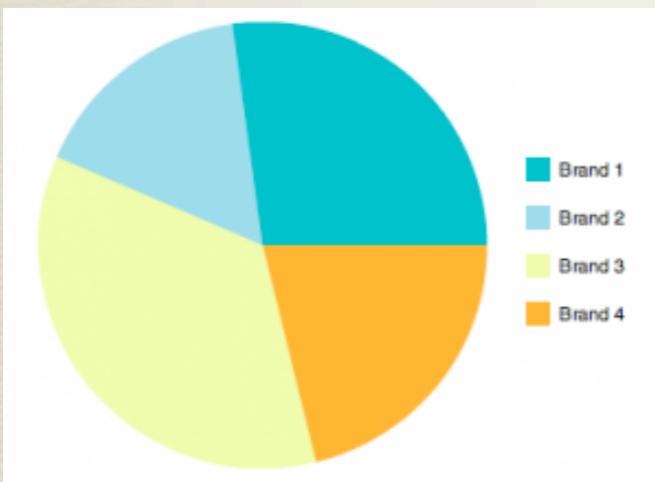
    <p:poll frequency="3" actionListener="# {sayac.arttir}"
           update="sayi" />
</h:form>
```

```
private int sayi;

public void arttir(ActionEvent actionEvent) {
    sayi++;
}
```

# Grafik ve Raporlama

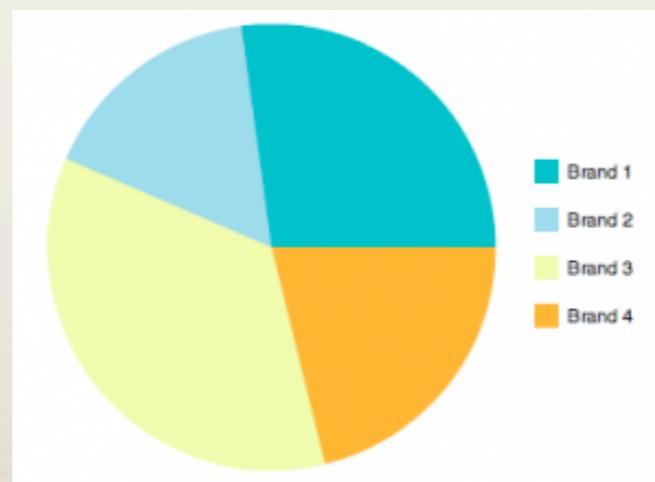
- \* Grafik Bileşenleri (Pie, Line, Column, ve fazlası)
- \* Kullanıcı etkileşimi
- \* Canlı Veri ve Ajax Polling



# Pie Chart Example

```
private List<Satis> satislar;  
  
public SatisRaporu() {  
    satislar = new ArrayList<Satis>();  
    satislar.add(new Satis("Marka 1", 540));  
    satislar.add(new Satis("Marka 2", 325));  
    satislar.add(new Satis("Marka 3", 702));  
    satislar.add(new Satis("Marka 4", 421));  
}
```

```
<p:pieChart value="#{satisRaporu.satislar}" var="satis" categoryField="#{satis.marka}"  
dataField="#{satis.deger}" />
```



# Kullanıcı Etkileşimi

## \* ItemSelectEvent

```
<p:pieChart value="#{satisRaporu.sales}" var="satis"
categoryField="#{satis.marka}" dataField="#{satis.deger}"
itemSelectListener="#{satisRaporu.markaSecim}" update="info" />

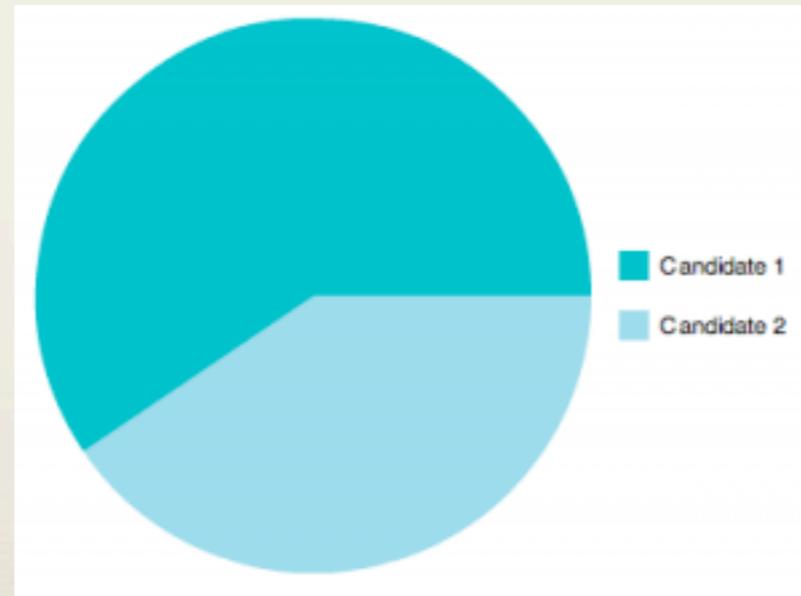
<h:outputText id="info" value="#{satisRaporu.mesaj}" />
```

```
private String mesaj;

public void markaSecim(ItemSelectEvent event) {
    mesaj = "Item Index: " + event.getItemIndex() + ", Series Index:" + event.getSeriesIndex();
}
```

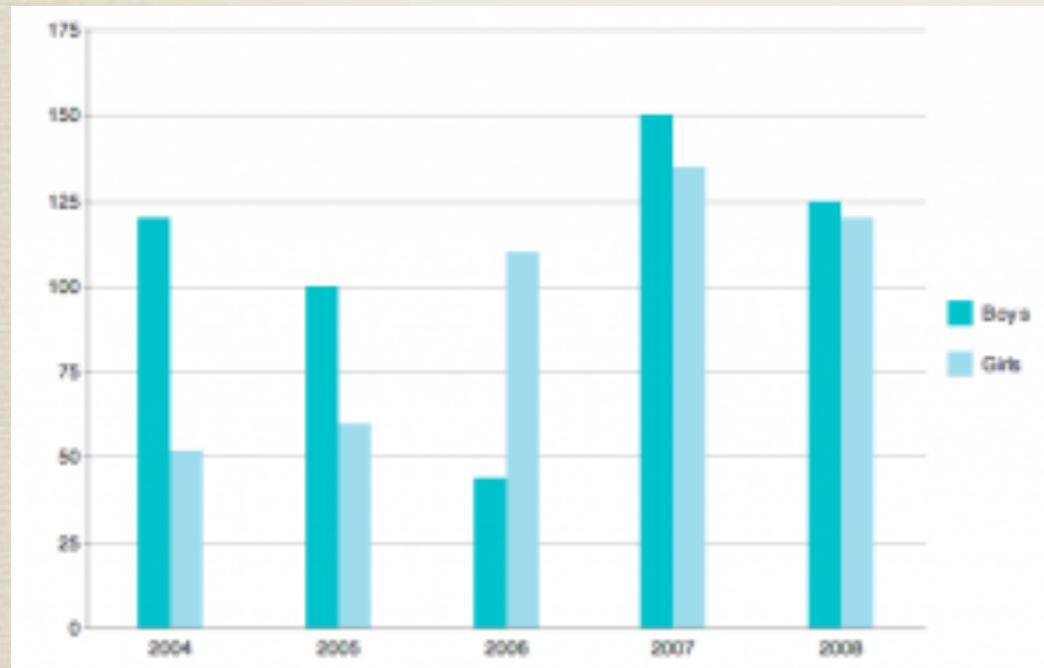
# Canlı Veriler ve Polling

```
<p:pieChart value="#{oyRaporu.oylar}" var="oy"  
    live="true" refreshInterval="5000"  
    categoryField="#{oy.aday}"  
    dataField="#{oy.oySayisi}" />
```



# Chart Görünümü

Önce



Sonra



# Arayüz Bileşenleri Demosu

# Javascript ve PrimeFaces

- \* YUI, Prototype, Scriptaculous
- \* PrimeFaces Namespace and Javascript API
  - \* PrimeFaces.widget.\*
  - \* PrimeFaces.ajax.\*
- \* Unobstrusive Javascript

# PrimeFaces.widget.\*

- \* PrimeFaces widget'ları
- \* Örnek: PrimeFaces.widget.Editor

```
<script type="text/javascript">
    var editor = new PrimeFaces.widget.Editor(...);
</script>
```

# PrimeFaces.ajax.\*

- \* Ajax API
- \* PrimeFaces.ajax.AjaxUtils
- \* PrimeFaces.ajax.AjaxRequest
- \* PrimeFaces.ajax.AjaxResponse

```
<script type="text/javascript">  
    PrimeFaces.ajax.AjaxRequest(url, config, params);  
</script>
```

# Unobstrusive Javascript

- \* Markup dan bağımsız Javascript
- \* Vanilla JSF

```
<h:commandbutton value="Submit" onclick="alert('Barca')"/>
```

```
<input type="submit" name="_id1" value="Submit" onclick="alert('Barca')"/>
```

- \* PrimeFaces

```
<p:button value="Submit" onclick="alert('Barca')"/>
```

```
<button type="submit" name="_id1" value="Submit"/>
```

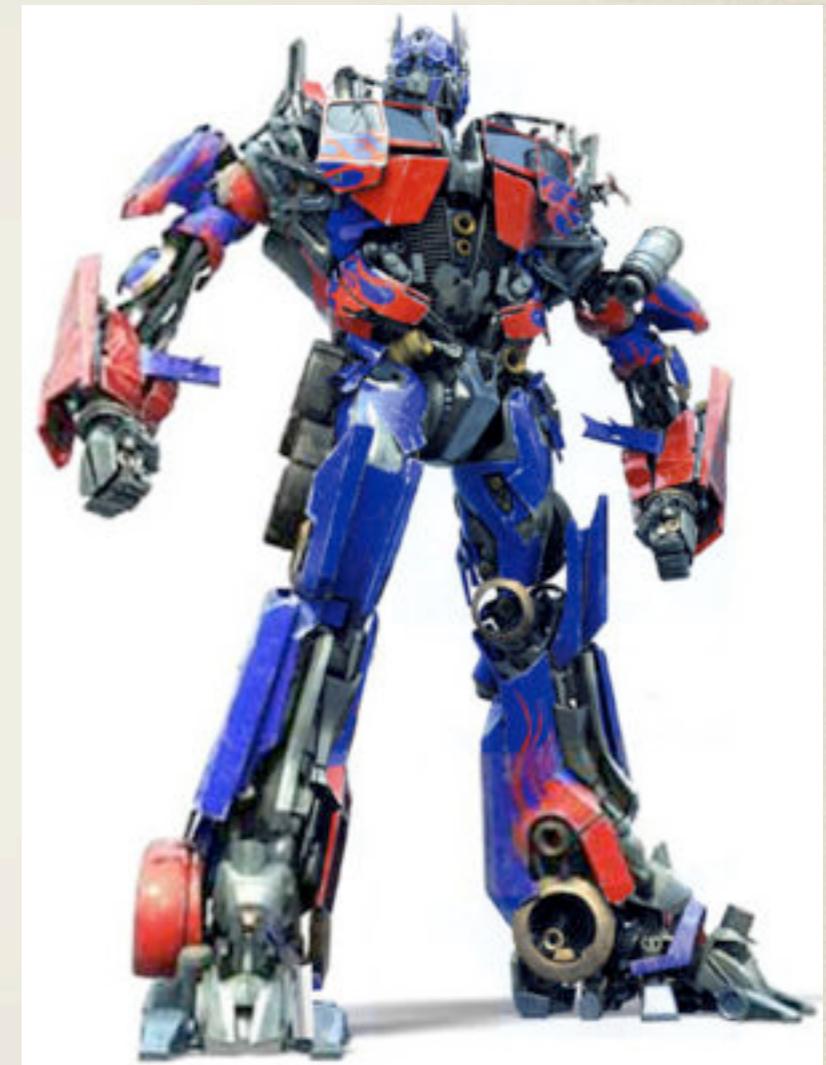
```
YAHOO.util.Event.addListener("_id1","click", function(e) {  
    alert('Barca');}
```



# Optimus



- \* Arayüzden bağımsız eklentiler
- \* Guice entegrasyonu
- \* Validatorler
- \* XML-**siz** JSF
- \* PDF ve Excel export
- \* Güvenlik Eklentileri ve AOP



# Google Guice Entegrasyonu

- \* Guice tabanlı JSF beanleri
- \* <managed-bean /> yerine @Controller
- \* Bağımlılık Enjeksiyonu
- \* Aspect Oriented Programming

# Vanilla JSF 1.x Managed-Bean

## KullaniciKayit.java

```
package fc.barcelona;  
  
public class KullaniciKayit {  
...  
}
```

## faces-config.xml

```
<managed-bean>  
  <managed-bean-name>kullaniciKayit</managed-bean-name>  
  <managed-bean-class>fc.barcelona.KullaniciKayit</managed-bean-class>  
  <managed-bean-scope>request</managed-bean-scope>  
</managed-bean>
```

## kullaniciKayit.xhtml

```
<h:inputText value="#{kullaniciKayit.kullanici.ad}" />
```

# Optimus IOC

## KullaniciKayit.java

```
package fc.barcelona;  
  
@Controller(name="kullaniciKayit", scope=Scope.REQUEST)  
public class KullaniciKayit {  
...  
}
```

## faces-config.xml

## kullaniciKayit.xhtml

```
<h:inputText value="#{kullaniciKayit.kullanici.ad}" />
```



# Controller

- \* **name:** Bean adı
- \* **scope:** Yaşam alanı
  - \* Request
  - \* Session
  - \* Application
  - \* View
- \* **startup:** Uygulama başlarken (Servlet Listener)

# Classpath taraması

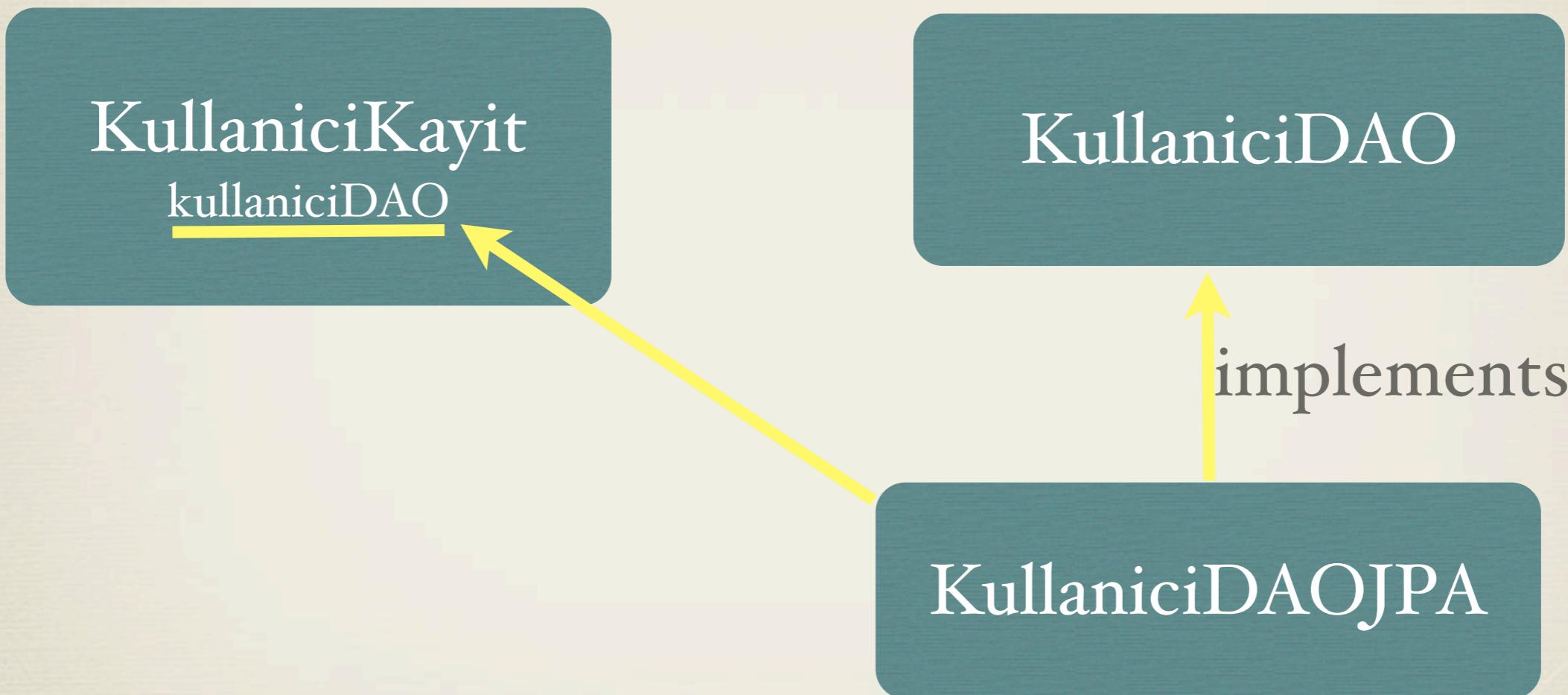
- \* Belirli paketlerin taranması

```
<context-param>
    <param-name>optimus.SCAN_PATH</param-name>
    <param-value>org.sopranos.proje.arayuz</param-value>
</context-param>
```

```
package org.sopranos.proje.arayuz;

@Controller(name="kullaniciKayit", scope=Scope.REQUEST)
public class KullaniciKayit {
...
}
```

# Dependency Injection



# Dependency Injection

```
public interface KullaniciDAO {  
    public void kaydet(Kullanici kullanici);  
}
```

```
public interface KullaniciDAOJPA implements KullaniciDAO {  
    public void kaydet(Kullanici kullanici) {  
        //JPA ile kaydet, EntityManager.persist(kullanici)  
    }  
}
```

```
public class UygulamaAnaModulu implements Module{  
    public void configure(Binder binder) {  
        binder.bind(KullaniciDAO.class).to(KullaniciDAOJPA.class).in(Scopes.SINGLETON);  
    }  
}
```

```
<context-param>  
    <param-name>optimus.CONFIG_MODULES</param-name>  
    <param-value>org.sopranos.filmklubu.UygulamaAnaModulu</param-value>  
</context-param>
```

# Basit Enjeksiyon

## \* Getter ve Setter **sız**

```
package fc.barcelona;  
  
//imports  
  
@Controller(name="kullaniciKayit", scope=Scope.REQUEST)  
public class KullaniciKayit {  
  
    @Inject  
    private KullaniciDAO kullaniciDAO;  
  
    //Diger metodlar  
  
    public String kullaniciKaydet() {  
        kullaniciDAO.kaydet(kullanici);  
    }  
}
```

# Setter Enjeksiyonu

```
package fc.barcelona;

//imports

@Controller(name="kullaniciKayit", scope=Scope.REQUEST)
public class KullaniciKayit {

    private KullaniciDAO kullaniciDAO;

    @Inject
    public void setKullaniciDAO(KullaniciDAO kullaniciDAO) {
        this.kullaniciDAO = kullaniciDAO;
    }

    //Diger metodlar

    public String kullaniciKaydet() {
        kullaniciDAO.kaydet(kullanici);
    }
}
```

# Constructor Enjeksiyonu

```
package fc.barcelona;

//imports

@Controller(name="kullaniciKayit", scope=Scope.REQUEST)
public class KullaniciKayit {

    private KullaniciDAO kullaniciDAO;

    @Inject
    public KullaniciKayit(KullaniciDAO kullaniciDAO) {
        this.kullaniciDAO = kullaniciDAO;
    }

    //Diger metodlar

    public String kullaniciKaydet() {
        kullaniciDAO.kaydet(kullanici);
    }
}
```

# JPA Desteği

## persistence.xml

```
<?xml version="1.0" encoding="UTF-8"?>
<persistence-unit name="examplesApplication" transaction-type="RESOURCE_LOCAL">
    <provider>org.hibernate.ejb.HibernatePersistence</provider>
    <class>org.primefaces.examples.domain.Movie</class>
    <properties>
        <property name="hibernate.dialect" value="org.hibernate.dialect.HSQLDialect"/>
        <property name="hibernate.connection.url" value="jdbc:hsqldb:mem:jpabox"/>
        <property name="hibernate.connection.driver_class" value="org.hsqldb.jdbcDriver"/>
        <property name="hibernate.connection.username" value="sa"/>
        <property name="hibernate.connection.password" value="" />
        <property name="hibernate.hbm2ddl.auto" value="create"/>
        <property name="hibernate.show.sql" value="true"/>
    </properties>
</persistence-unit>
</persistence>
```

## web.xml

```
<filter>
    <filter-name>Optimus Persistence Filter</filter-name>
    <filter-class>org.primefaces.optimus.persistence.filter.PersistenceFilter</filter-class>
</filter>

//filter mapping to Faces Servlet
```

# JPA Desteği

## web.xml

```
<context-param>
    <param-name>optimus.CONFIG_MODULES</param-name>
    <param-value>org.sopranos.filmklubu.UygulamaAnaModulu,
        org.primefaces.optimus.persistence.JPAModule
    </param-value>
</context-param>
```

## KullaniciDAOJPA.java

```
public interface KullaniciDAOJPA implements KullaniciDAO {

    @Inject
    private EntityManager em;

    public void kaydet(Kullanici kullanici) {
        em.kaydet(kullanici);
    }
}
```

# Transactions

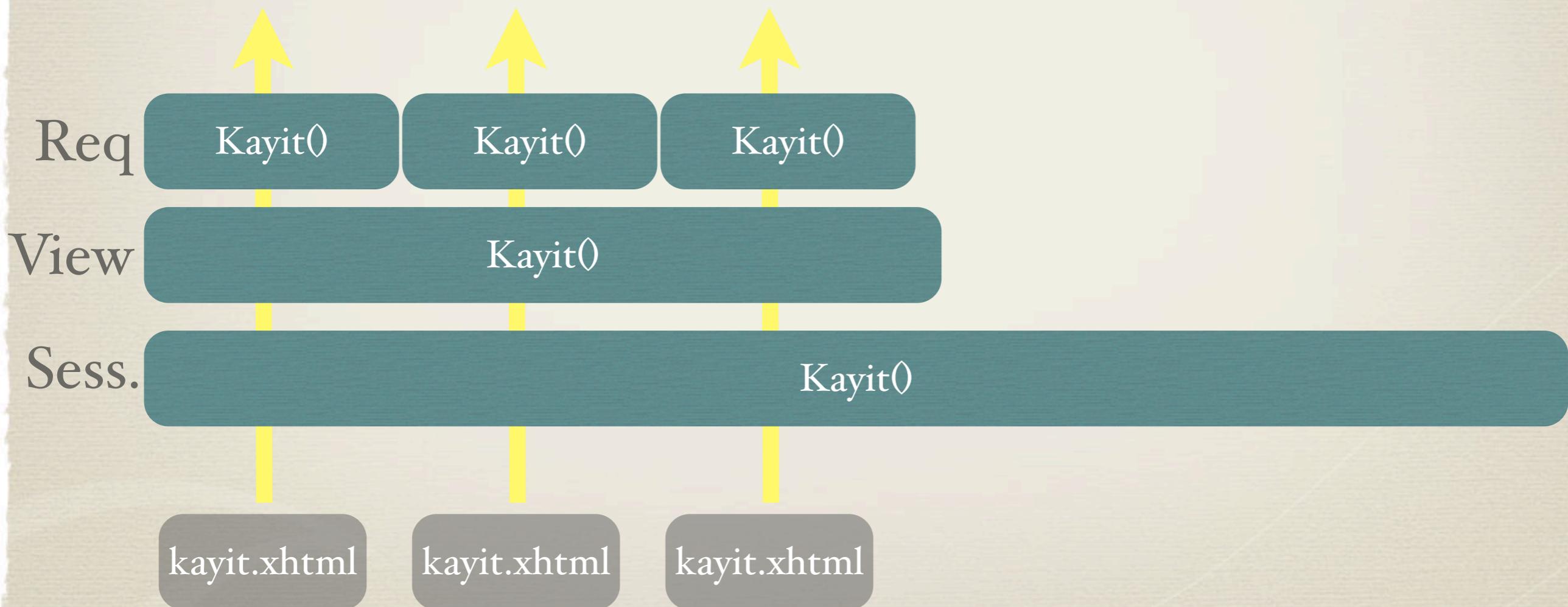
## KullaniciDAOJPA.java

```
public void kaydet(Kullanici kullanici) {  
    try{  
        em.getTransaction().begin();  
        em.persist(kullanici);  
        em.getTransaction().commit();  
    }catch(Exception e){  
        em.rollbackTransaction();  
    }  
}
```

```
import org.primefaces.optimus.config.annotations.Transactional;  
  
//...  
  
@Transactional  
public void kaydet(Kullanici kullanici) {  
    em.persist(kullanici);  
}
```

# ViewScope

- \* Sayfa kadar yaşar
- \* Request ve Session scope arası



# JSF 1.x Navigation

kullaniciListesi.xhtml

```
<h:commandButton  
value =”Detay”  
action=”kullaniciDetay” />
```

*kullaniciDetay*



kullaniciDetay.xhtml

faces-config.xml

```
<navigation-rule>  
    <from-view-id>/kullaniciListesi.xhtml</from-view-id>  
    <navigation-case>  
        <from-outcome>kullaniciDetay</from-outcome>  
        <to-view-id>/kullaniciDetay.xhtml</to-view-id>  
    </navigation-case>  
</navigation-rule>
```

# Optimus Navigation

kullaniciListesi.xhtml

```
<h:commandButton  
value =”Detay”  
action=”kullaniciDetay” />
```

*kullaniciDetay*



kullaniciDetay.xhtml

faces-config.xml

```
<application>  
    <navigation-handler>  
        org.primefaces.optimus.navigationhandler.ViewIdBasedNavigationHandler  
    </navigation-handler>  
</application>
```

# AuthContext ve Güvenlik

- \* Arayüz güvenliği

```
<h:commandButton value="Kaydet" action="#{kullaniciKayit.kaydet}"  
rendered="#{authContext.ifGranted['ROLE_ADMIN']}"/>
```

```
<h:outputText value="Merhaba #{authContext.username}" />
```

- \* ifGranted
- \* ifAllGranted
- \* ifAnyGranted
- \* ifNonGranted



# AOP ve @Authorize

- Metod çağrırimına yönelik güvenlik

```
package org.sopranos.proje.arayuz;

@Controller(name="kullaniciKayit", scope=Scope.REQUEST)
public class KullaniciKayit {

    public String kullaniciKaydet() {
        if(kullaniciAdminMi()) {
            //...
        }
    }
}
```

```
package org.sopranos.proje.arayuz;

@Controller(name="kullaniciKayit", scope=Scope.REQUEST)
public class KullaniciKayit {

    @Authorize("ROLE_ADMIN")
    public String kullaniciKaydet() {
        //...
    }
}
```



# Exporter



- \* DataTable listesini export eder, **Excel** veya **PDF**

```
<p:dataTable id="kullanicilar">  
    ...  
</p:dataTable>  
  
<h:commandButton value="Export as Excel">  
    <opt:exportActionListener type="xls" target="kullanicilar" fileName="cars"/>  
</h:commandButton>  
  
<h:commandButton value="Export as PDF">  
    <opt:exportActionListener type="pdf" target="kullanicilar" fileName="cars"/>  
</h:commandButton>
```

# Exporter

## HTML DataTable

Cars Data			
Model	Year	Manufacturer	Color
Model_0	2006	Brand_0	Color_0
Model_1	1979	Brand_1	Color_1
Model_2	1985	Brand_2	Color_2
Model_3	1970	Brand_3	Color_3
Model_4	1999	Brand_4	Color_4
Model_5	1978	Brand_5	Color_5
Model_6	1985	Brand_6	Color_6
Model_7	1991	Brand_7	Color_7
Model_8	1977	Brand_8	Color_8
Model_9	1986	Brand_9	Color_9

Navigation: << < 1 2 3 4 5 6 7 8 9 10 > >>

Buttons: Export as Excel Export as PDF



cars.pdf (page 1 of 3)

Previous Next Zoom Move Text Select Sidebar

Model	Year	Manufacturer	Color
Model_0	1984	Brand_0	Color_0
Model_1	1993	Brand_1	Color_1
Model_2	1986	Brand_2	Color_2
Model_3	1998	Brand_3	Color_3
Model_4	1974	Brand_4	Color_4
Model_5	1985	Brand_5	Color_5
Model_6	1994	Brand_6	Color_6
Model_7	1993	Brand_7	Color_7
Model_8	1994	Brand_8	Color_8
Model_9	1987	Brand_9	Color_9
Model_10	1971	Brand_10	Color_10

Export as Excel Export as PDF

Navigation: << < 1 2 3 4 5 6 7 8 9 10 > >>

Buttons: Export as Excel Export as PDF

A	B	C	D
1 Model	Year	Manufactur	Color
2 Model_0	1987	Brand_0	Color_0
3 Model_1	1967	Brand_1	Color_1
4 Model_2	1984	Brand_2	Color_2
5 Model_3	2002	Brand_3	Color_3
6 Model_4	2007	Brand_4	Color_4
7 Model_5	1970	Brand_5	Color_5
8 Model_6	2004	Brand_6	Color_6
9 Model_7	1980	Brand_7	Color_7
10 Model_8	1977	Brand_8	Color_8
11 Model_9	1987	Brand_9	Color_9
12 Model_10	1975	Brand_10	Color_10





# PDF Renderer

playerDetail.jsf



A screenshot of a web browser window titled "Prime Faces Demo". The address bar shows the URL <http://www.rehlstar.de>. The page content displays a table with the heading "Lionel Messi". The table rows are:

Name	Lionel Messi
Position	Forward
Birth	24.06.1987
Nationality	Argentinian
Weight	67
Height	1,69 m

playerDetail.jsf?asPDF=true



A screenshot of a PDF viewer window titled "player.pdf (1 page)". The PDF content is identical to the web page above, showing a table with the heading "Lionel Messi". The table rows are:

Name	Lionel Messi
Position	Forward
Birth	24.06.1987
Nationality	Argentinian
Weight	67
Height	1,69 m



# Collection ActionListener



- \* Java kodu olmadan liste işlemleri

```
<p:dataTable id="kullanicilar" value="#{kullaniciKayit.kullanicilar}">  
    ...  
</p:dataTable>  
  
<h:commandButton value="Export as Excel">  
    <opt:collectionActionListener value="# {kullaniciKayit.kullanici}"  
        addTo"# {kullaniciKayit.kullanicilar}" />  
</h:commandButton>
```

# Validatorler

- \* Regular Expression Validator
- \* Email Validator
- \* CreditCard Validator

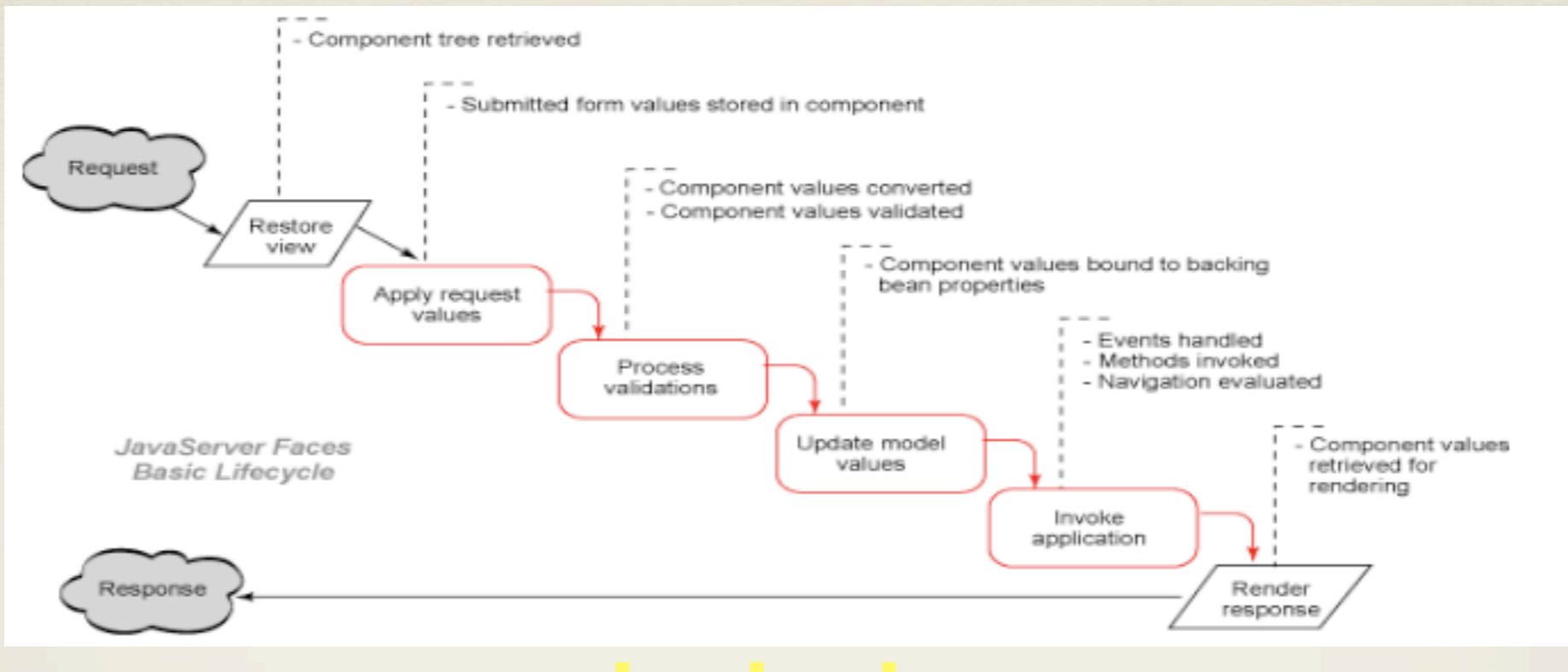
```
<h:inputText id="txt_sample" value="#{bla.bla}">
    <opt:regexValidator regex="[A-Z][a-zA-Z]*" />
</h:inputText>
```

# FacesTrace

- \* Eğitim ve Debug aracı
- \* Hayat döngüsü görüntüleyici
- \* Parametreler (Request, Session vs)
- \* FacesMesajlar
- \* DHTML Bileşen Ağacı
- \* Log4J eklentisi



# Hayat Döngüsü



## Request Lifecycle



# FacesTrace DEMO

# Proje Sitesi

<http://primefaces.prime.com.tr/tr>

<http://primefaces.prime.com.tr/en>

The screenshot shows the homepage of the PrimeFaces website. At the top, there is a navigation bar with links for Home, Prime, and Turkish. The main header reads "Prime Faces" with the tagline "more than a component library...". On the left side, there is a sidebar titled "Resources" containing links for Getting Started, News, Downloads, Dependencies, Documentation, Changelog, License, Wiki, Support Forum, Issue Tracker, Source, and Project Team. Below the sidebar is a "Downloads" section featuring a large blue download arrow pointing downwards, with the text "UI Components 0.8.1" next to it. The main content area is titled "Welcome to PrimeFaces" and contains text about the PrimeFaces project, mentioning it is an open source library for Java Server Faces Web framework, its main goal, and its three modules: UI Components, Optimus, and FacesTrace. There is also a section titled "UI Components" with a list of features.

Home   Prime   Turkish

## Prime Faces

more than a component library...

**Resources**

- Getting Started
- News
- Downloads
- Dependencies
- Documentation
- Changelog
- License
- Wiki
- Support Forum
- Issue Tracker
- Source
- Project Team

**Downloads**

UI Components 0.8.1

### Welcome to PrimeFaces

PrimeFaces is an open source library for Java Server Faces Web framework. Main goal of PrimeFaces is to create a component suite containing a rich set of components and provide non-rendering JSF extensions to ease development with JSF. PrimeFaces has three modules each focusing on different aspects of JSF.

**PrimeFaces**

UI Components   Optimus   FacesTrace

#### UI Components

PrimeFaces UI module contains various JSF components providing rich web user experience. PrimeFaces use Yahoo UI library as the underlying client side framework. Components do all the hard work, deal with javascript rendering, and handle the JSF integration on the server side.

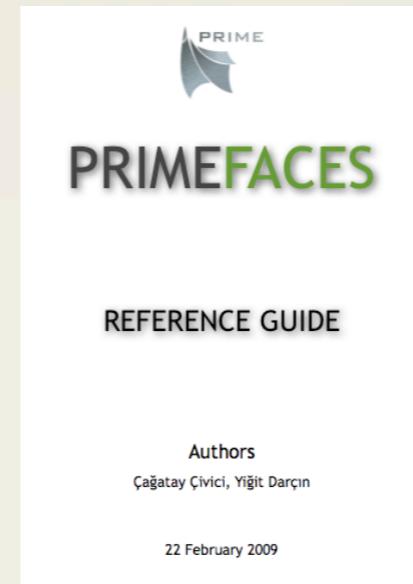
- Rich set of components (HtmlEditor, ImageCropper, Dialog, AutoComplete and more).
- Flash based Chart components.
- Built-in Ajax with Partial Page Rendering
- Compatible with other component libraries
- Unobtrusive javascript rendering.
- Well documented components.

# Dokümantasyon

## Referans Klavuzu (160 + sayfa)

### API ve TAG Docs

The screenshot shows the PrimeFaces API documentation for the `ResourceStreamer` interface. The page includes a navigation bar with links for Overview, Package, Class, Use, Tree, Deprecated, Index, and Help. It also includes links for PREV CLASS, NEXT CLASS, FRAMES, NO FRAMES, SUMMARY, NESTED, FIELD, CONSTR, and METHOD. The main content area displays the `ResourceStreamer` interface definition, its implementing classes (`CSSResourceStreamer`, `DefaultResourceStreamer`), and two methods: `isAppropriateStreamer` and `stream`. The sidebar on the left lists various PrimeFaces components and utilities.



### WIKI

The screenshot shows the primefaces project's Google Code wiki page. The page has a header with the Google Code logo and the project name "primefaces". It includes a search bar and navigation links for Project Home, Downloads, Wiki, Issues, Source, and Administer. The main content area is a table listing 11 recent changes, each with a link to the corresponding page and details about the change (author, date). The table columns include PageName, Summary + Labels, Changed, and ChangedBy.

PageName	Summary + Labels	Changed	ChangedBy
ImageCropper		34 hours ago	cagatay.civici
SupportedServers		Mar 02	cagatay.civici
Effects		Mar 02	cagatay.civici
MethodLevelSecurity		Feb 24	cagatay.civici
BuildingFromSource		Feb 18	cagatay.civici
GuiceIntegration	Featured	Feb 11	cagatay.civici
Charts	Featured	Feb 10	cagatay.civici
ResizableJSFComponents		Feb 05	cagatay.civici
ConfirmDialog		Feb 04	cagatay.civici
Captcha		Feb 01	cagatay.civici
CompaniesUsingPrimeFaces		Jan 26	cagatay.civici

# Destek ve Yardım

- \* Tartışma Forumu
- \* Kurumsal Destek



# Forum

<http://primefaces.prime.com.tr/forum/>

## PrimeFaces Users

Topics						Author	Replies	Views	Last post
 <a href="#">New feature request</a>						yigit.darcin	10	98	Tue Feb 17, 2009 9:26 pm cagatay.civici 
 <a href="#">update attribute of button component issue</a>						junico	2	7	Fri Mar 06, 2009 4:06 pm junico 
 <a href="#">el problem with AutoComplete completeMethod</a>						junico	4	15	Thu Mar 05, 2009 3:41 pm junico 
 <a href="#">How do I inject session object to request object?</a>						sfranklyn	3	14	Tue Mar 03, 2009 12:07 pm cagatay.civici 
 <a href="#">&lt;p:ajax&gt; not working</a>						angeloleena	3	18	Thu Feb 26, 2009 3:36 pm cagatay.civici 
 <a href="#">Trouble using p:dataTable and &lt;opt:exportActionListener&gt;</a>						Paterne	4	13	Tue Feb 24, 2009 12:20 pm cagatay.civici 
 <a href="#">accordionPanel with charts</a>						mhoekstra	3	24	Mon Feb 23, 2009 1:29 pm mhoekstra 
 <a href="#">Enabling calendar navigator</a>						bisark	1	8	Fri Feb 20, 2009 8:29 pm cagatay.civici 
 <a href="#">Primefaces and easysi</a>						Paterne	3	31	Wed Feb 18, 2009 10:10 pm cagatay.civici 
 <a href="#">Set wmode to charts</a>						bisark	2	25	Wed Feb 18, 2009 6:31 pm bisark 
 <a href="#">Primefaces and Richfaces integration</a>						gillo	5	88	Sun Feb 15, 2009 7:49 pm cagatay.civici 
 <a href="#">Deploying gives me this error</a>						asha_a_v	5	45	Thu Feb 12, 2009 7:12 pm cagatay.civici 
 <a href="#">Problem with &lt;p:resources/&gt;</a>						felipe.z.affonso	5	44	Thu Feb 12, 2009 11:37 am cagatay.civici 



# Hata Takip



<http://code.google.com/p/primefaces/issues/list>

Project Home   Downloads   Wiki   Issues   Source   Administer									
New Issue   Search Open Issues for <input type="text"/> Search   Advanced Search   Search Tips									
Select: All None Actions... <input type="button"/>									
ID	Module	Type	Status	Priority	Version	TargetVersion	Reporter	Owner	Summary + Labels
<input type="checkbox"/> <a href="#">3</a>	Optimus	Defect	Reopened	Medium	---	0.7.2	ydarcin	cagatay.civici	' in optimus, the jpa persistence unit name is hardcoded as example
<input type="checkbox"/> <a href="#">10</a>	UI	Enhancement	Accepted	High	---	0.8.2	cagatay.civici	cagatay.civici	' Enhance ajax queue
<input type="checkbox"/> <a href="#">11</a>	UI	Enhancement	Accepted	Medium	---	0.8.2	cagatay.civici	cagatay.civici	' Compatibility with Trinidad
<input type="checkbox"/> <a href="#">12</a>	UI	NewFeature	Accepted	Medium	---	0.8.2	cagatay.civici	cagatay.civici	' New component: File upload component
<input type="checkbox"/> <a href="#">25</a>	FacesTrace	Enhancement	Accepted	Medium	---	1.1.1	magne.rasmussen	cagatay.civici	' Make FacesTrace work with Spring WebFlow
<input type="checkbox"/> <a href="#">35</a>	UI	Enhancement	Accepted	Medium	---	0.8.2	ydarcin	cagatay.civici	' Enable i18n in editor.
<input type="checkbox"/> <a href="#">41</a>	Optimus	NewFeature	Accepted	Medium	---	0.7.2	cagatay.civici	cagatay.civici	' Exclude columns for exporter
<input type="checkbox"/> <a href="#">43</a>	UI	NewFeature	Accepted	Medium	---	0.8.2	ydarcin	ydarcin	' add command link component
<input type="checkbox"/> <a href="#">48</a>	---	Defect	New	Medium	---	---	karina.panaseth	---	' Facelets page not well formed after a request with trace=true

1 - 9 of 9 [CSV](#)

# Online Demo

<http://www.rehberharitam.com/primefaces-examples>

## PRIME FACES

Feature ShowCase Demo

[Homepage](#) [UI Components](#) [Optimus](#) [FacesTrace](#)

### Accordion Panel

Lionel Messi



Messi is an unusual player. He is highly creative, and has the skills to take on defenders with ease. He is a versatile left-footed player who can play either in the middle or on either wing, or even as a centre forward. Although he is quite short, he is so fast and physically strong that he can cope with larger opponents. He is incredibly powerful, and a specialist in such dead ball situations as corners, free kicks and penalties. Leo Messi is cool-headed and able to assume several responsibilities in times of need. He is a player who is destined to have a very successful career in football.

Samuel Eto'o

Thierry Henry

Ajax

Accordion Panel

AutoComplete

Button

Calendar

Captcha

Carousel

Charts

Color Picker

Confirm Dialog

DataTable

Dialog

Editor

Effects

ImageCropper

Menu

Panel

Poll

# Coming Soon

- \* JSF 2.0 uyumluluğu
- \* PrimeFaces 1.0
- \* Drag-Drop (Sürükle Bırak) bileşenleri
- \* Flash tabanlı FileUpload
- \* Conversation Scope
- \* Gelişmiş transaction yönetimi
- \* Gelişmiş JPA entegrasyonu

# Finale

- \* [cagatay@apache.org](mailto:cagatay@apache.org)
- \* <http://cagataycivici.wordpress.com>

