

YAZILIM ORTAM VE ARACLARI DERSİ FİNAL PROJESİ

Spring Boot

<https://github.com/iskenderuzuner/SpringBootOdev>

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1.1. Haber.java Ekranı

Bu java sayfamızda haberlerin başlık ve içerik degerlerini döndürüyoruz.

```
1  package com.spring.Spring;
2
3  /**
4   * Haber Sinifi
5   * Iskender Uzuner
6   */
7
8  public class Haber {
9
10     private static int COUNT = 0;
11     private int id;
12     private String haberBaslik;
13     private String haberIcerik;
14
15     /**
16      *
17      * @param haberBaslik bu siniftan alinir.
18      * @param haberIcerik bu siniftan alinir.
19      */
20
21     public Haber(String haberBaslik,String haberIcerik)
22     {
23         this.id = ++COUNT;
24         this.haberBaslik=haberBaslik;
25         this.haberIcerik=haberIcerik;
26     }
27
28     /**
29      * Varolan Haber Title return eder.
30      * @return Haber Title Dondurur
31      */
32
33     public String getHaberBaslik() {
34         return haberBaslik;
35     }
36
37     /**
38      * Varolan Haber Icerigini dondurur.
39      * @return Haberin Icerigi
40      */
41
42     public String getHaberIcerik() {
43         return haberIcerik;
44     }
45
46     /**
47      * Varolan id'yi dondurur.
48      * @return Haberin id degiskeni.
49      */
50
51     public int getId() {
52         return id;
53     }
54
55 }
```

1.2 RestServisi.java Ekranı

```
7
8  /**
9   * Iskender Uzun
10  *
11  */
12
13  @RestController
14  public class RESTServisi {
15
16      private static final List<Haber> HABERLER = new ArrayList<>();
17
18      /**
19       * RESTServisi haberleri için işlemleri oluşturun.
20       */
21
22      @RequestMapping("/haber/olustur")
23      public static Haber haberYAZ(String haberbasligi, String habericerigi)
24      {
25          Haber haber = new Haber(haberbasligi, habericerigi);
26          HABERLER.add(haber);
27          return haber;
28      }
29
30      /**
31       * Haberleri listelemek için.
32       * @return ile yaratılan bütün haberler.
33       */
34
35      @RequestMapping("/haber/listele")
36      public static List<Haber> haberListele()
37      {
38          return HABERLER;
39      }
40
41      /**
42       * Oluşturulan bütün haberleri temizlemek için kullanılır.
43       * @return Haberlerin temizlendiğine dair kullanıcıya mesaj
44       */
45
46      @RequestMapping("/haber/temizle")
47      public static String haberTemizle()
48      {
49          HABERLER.clear();
50          return "Haberlerin tutu silindi.";
51      }
52
53      /**
54       * Verilen indexteki haberi silmek için kullanılır.
55       * @param index Kullancının verdiği index değeri
56       * @return Verilen indexteki haberin silindiğine dair kullanıcıya mesaj.
57       */
58      @RequestMapping("/haber/sil")
59      public static String haberSil(int index)
60      {
61          HABERLER.remove(index);
62          return "Secilen index deki haber silindi.";
63      }
64  }
```

1.3 SpringMain.java Ekranı

```
1  package com.spring.Spring;
2
3  import org.springframework.boot.SpringApplication;
4  import org.springframework.boot.autoconfigure.SpringBootApplication;
5  /**
6   * Iskender Uzuner
7   *
8   */
9  @SpringBootApplication
10 public class SpringMain {
11
12     public static void main(String[] args) {
13         SpringApplication.run(SpringMain.class, args);
14     }
15 }
```

1.4 SpringBootTest.java Ekranı

```
1  package com.spring.Spring;
2
3  import org.junit.Test;
4  import org.junit.runner.RunWith;
5  import org.springframework.boot.test.context.SpringBootTest;
6  import org.springframework.test.context.junit4.SpringRunner;
7
8  /**
9   * .
10  *
11  * @author Iskender Uzuner
12  *
13  */
14  @RunWith(SpringRunner.class)
15  @SpringBootTest
16  public class SpringBootTest {
17
18      @Test
19      public void contextLoads() {
20      }
21
22  }
```

1.5 Pom.xml Ekranı

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3      xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
4      <modelVersion>4.0.0</modelVersion>
5
6      <groupId>com.SpringBoot</groupId>
7      <artifactId>finalProject</artifactId>
8      <version>0.0.1-SNAPSHOT</version>
9      <packaging>jar</packaging>
10
11      <name>finalProject</name>
12      <description>Spring Boot Final Projesi</description>
13
14      <parent>
15          <groupId>org.springframework.boot</groupId>
16          <artifactId>spring-boot-starter-parent</artifactId>
17          <version>1.5.9.RELEASE</version>
18          <relativePath/> <!-- lookup parent from repository -->
19      </parent>
20
21      <properties>
22          <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
23          <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
24          <java.version>1.8</java.version>
25      </properties>
26
27      <dependencies>
28          <dependency>
29              <groupId>org.springframework.boot</groupId>
30              <artifactId>spring-boot-starter-web</artifactId>
31          </dependency>
32
33          <dependency>
34              <groupId>org.springframework.boot</groupId>
35              <artifactId>spring-boot-starter-test</artifactId>
36              <scope>test</scope>
37          </dependency>
38      </dependencies>
39
40      <build>
41          <plugins>
42              <plugin>
43                  <groupId>org.springframework.boot</groupId>
44                  <artifactId>spring-boot-maven-plugin</artifactId>
45
46              </plugin>
47              <plugin>
48                  <groupId>org.codehaus.mojo</groupId>
49                  <artifactId>cobertura-maven-plugin</artifactId>
50                  <version>2.7</version>
```

2.0 Maven Projesi Ekranı

Facebook x MyCo. x YAZIL x Spring x Haber x final p x Spring x mave x MyCo. x Jenkin x Gelen x Son d x

← → ↻ ① Güvenli değil | start.spring.io

SPRING INITIALIZR bootstrap your application now

Generate a

Maven Project

 with

Java

 and Spring Boot

1.5.10

Project Metadata

Artifact coordinates

Group

com.iskenderuzuner

Artifact

SpringBootProje

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Web, Security, JPA, Actuator, Devtools...

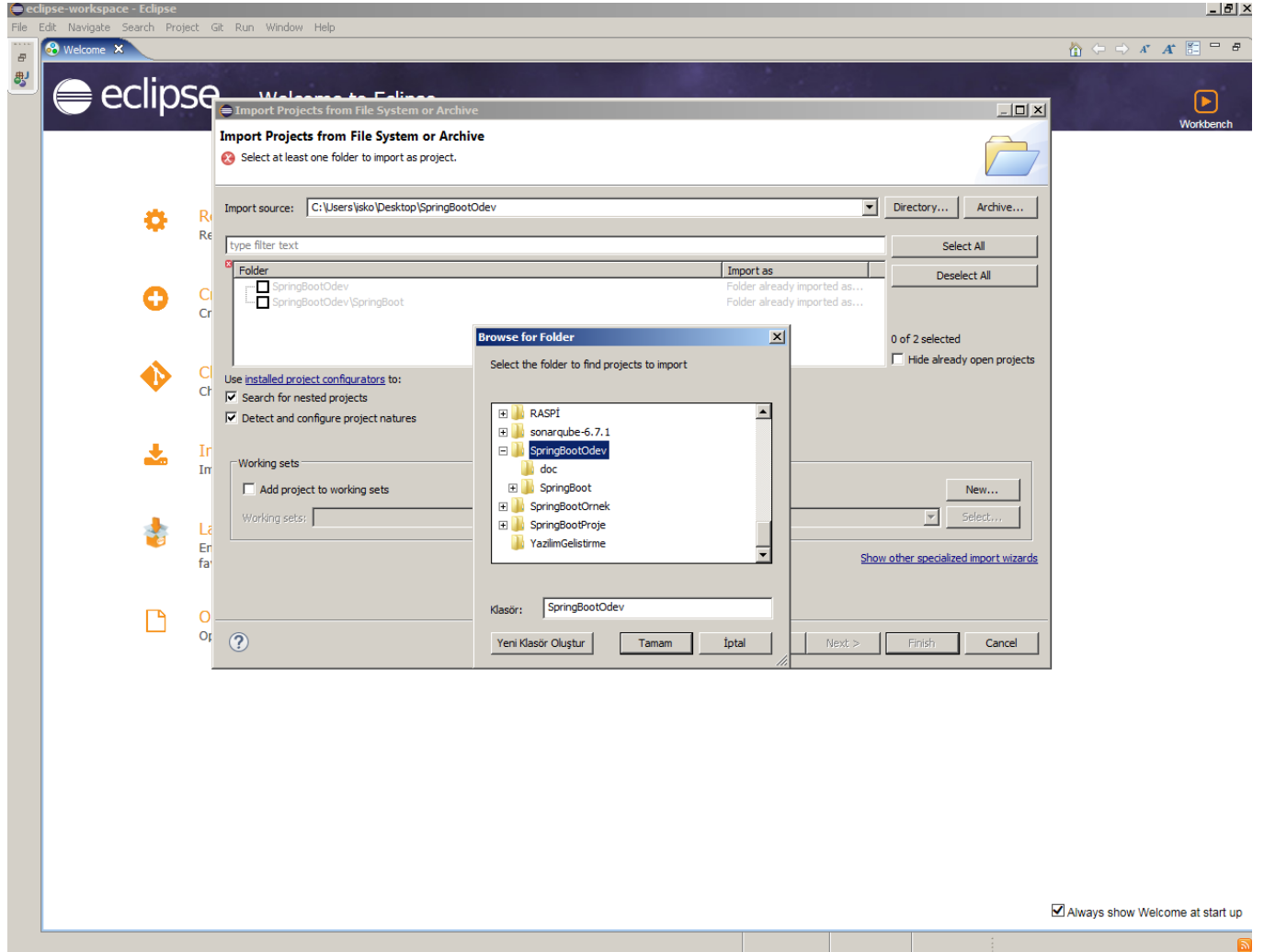
Selected Dependencies

Generate Project alt + ⌘

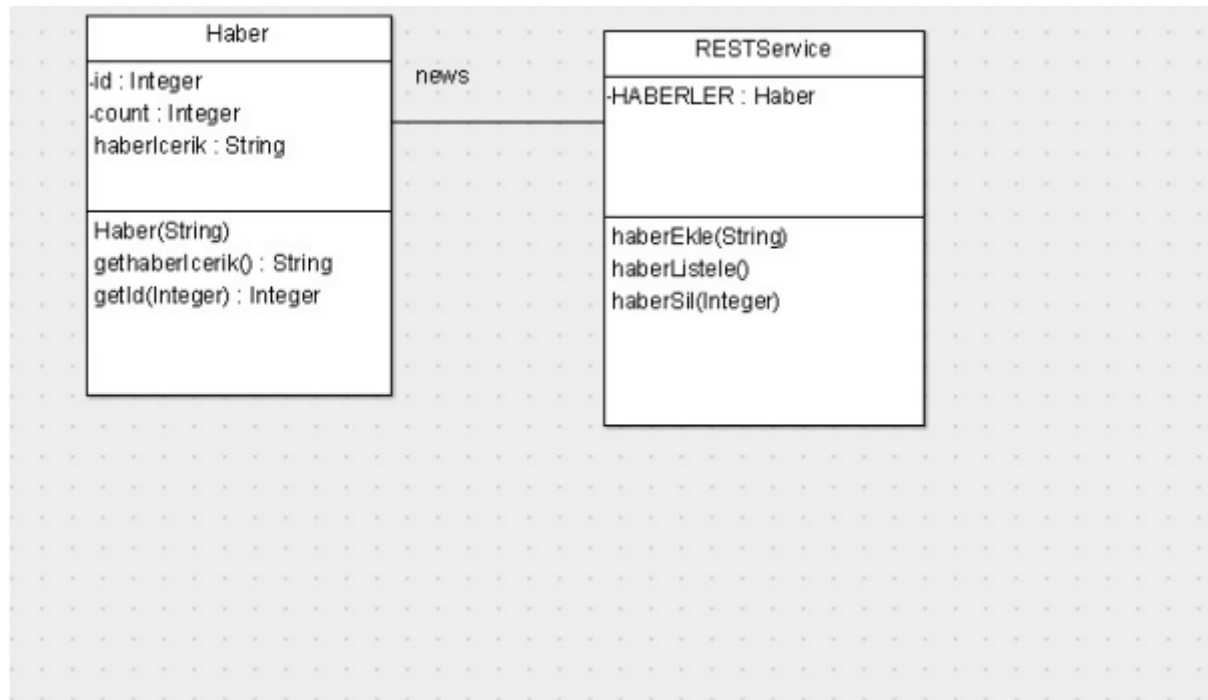
Don't know what to look for? Want more options? [Switch to the full version.](#)

start.spring.io is powered by [Spring Initializr](#) and [Pivotal Web Services](#)

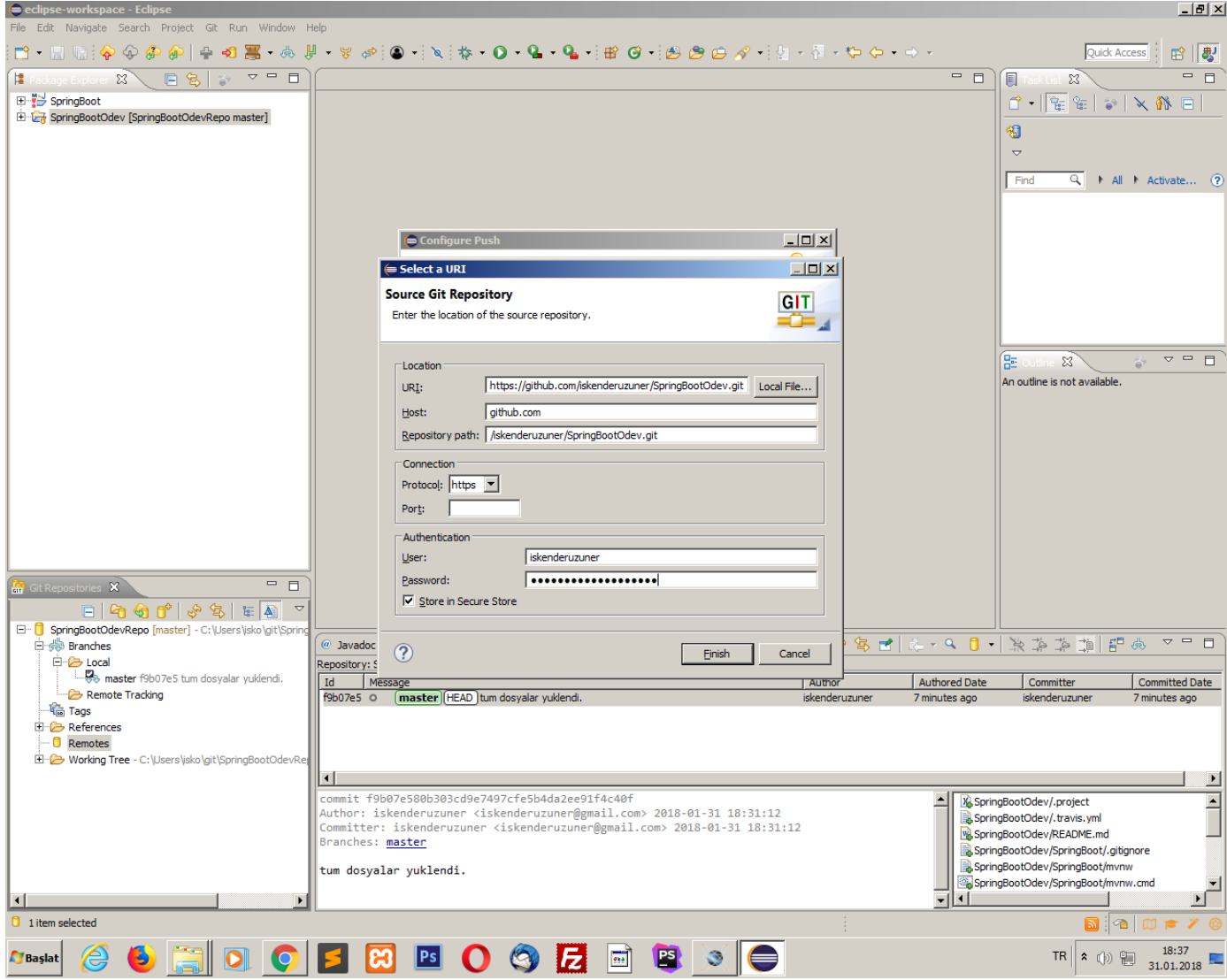
2.1 Maven Projesi Eclipse Import Ekranı



3.0 UML Diyagram Ekranı



4.0 Github Ekleme Ekranı



4.1 Github Adresi Ekranı

Face X

MyC X

YAZI X

iske X

Hab X

final X

Wor X

Spri X

ma X

MyC X

Jen X

Geli X


Son X

GitHub, Inc. [US] | https://github.com/iskenderuzuner/

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Pull requests Issues Marketplace Explore

+ -



iskenderuzuner

Front-end Developer

Edit profile

✉ iskenderuzuner@gmail.com

ProTip! Updating your profile with your name, location, and a profile picture helps other GitHub users get to know you. [Edit profile](#)

Overview Repositories 2 Stars 0 Followers 0 Following 0

Popular repositories

SpringBootOdev

SpringBoot Final Proje Odevi - İskender Uzuner

Shell

reactjs

Forked from omergulcicek/reactjs

React Js Türkçe Dokümantasyon

HTML

Customize your pinned repositories

6 contributions in the last year

Contribution settings

Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan

Mon

Wed

Fri

Learn how we count contributions.

Less More

Contribution activity

Jump to 2018

February 1, 2018

Created 1 commit in 1 repository

iskenderuzuner/SpringBootOdev 1 commit

Show more activity

5.0 Jenkins Pluginlerin Yüklmesi

SetupWizard [Jenkins] x +

localhost:8080

Arama

Getting Started

✓ Folders Plugin	OWASP Markup Formatter Plugin	Build Timeout	Credentials Binding Plugin	** Script Security Plugin
Timestampers	Workspace Cleanup Plugin	Ant Plugin	Gradle Plugin	** Command Agent Launcher Plugin
Pipeline	GitHub Branch Source Plugin	Pipeline: GitHub Groovy Libraries	Pipeline: Stage View Plugin	Folders Plugin
Git plugin	Subversion Plug-in	SSH Slaves plugin	Matrix Authorization Strategy Plugin	** bouncycastle API Plugin
PAM Authentication plugin	LDAP Plugin	Email Extension Plugin	Mailer Plugin	** Struts Plugin
				** Pipeline: Step API

** - required dependency

Jenkins 2.89.3

5.1 Jenkins Ana Ekranı

The screenshot displays the Jenkins web interface in a browser window. The browser's address bar shows 'localhost:8080'. The Jenkins logo is prominently displayed at the top left, followed by a search bar and the user name 'Iskender'. The main content area features a large welcome message 'Jenkinsa Hoşgeldiniz!' and a prompt to 'Lütfen başlamak için yeni işler oluşturun'. On the left side, there is a sidebar with navigation links: 'Yeni Item', 'Kişiler', 'Yapılandırma Geçmişi', 'Jenkins'i Yönet', 'My Views', 'Credentials', and 'New View'. Below these links, there are two expandable sections: 'Yapılandırma Listesi' (empty) and 'Yapılandırıcı Durumu' (showing two items in 'Beklemede' status). At the bottom right, the footer indicates the page was created on 31.Oca.2018 at 20:24:51 EET, with links to the REST API and Jenkins version 2.89.3.

Jenkins

Yeni Item

Kişiler

Yapılandırma Geçmişi

Jenkins'i Yönet

My Views

Credentials

New View

Yapılandırma Listesi

Sırada bekleyen yapılandırma yok.

Yapılandırıcı Durumu

1 Beklemede

2 Beklemede

Jenkinsa Hoşgeldiniz!

Lütfen başlamak için [yeni işler oluşturun](#)

Oluşturulmuş sayfa: 31.Oca.2018 20:24:51 EET [REST API](#) [Jenkins ver. 2.89.3](#)

5.2 Jenkins Configure Ekranı

Spring x MyCour x MyCour x Global x Jenkins x Jenkins x Spring x PIC16F x Electro x Facebook x Yeni Sekme x

localhost:8080/configureTools/

Jenkins » Global Tool Configuration

Add Git

Gradle

Gradle installations

Add Gradle

List of Gradle installations on this system

Ant

Ant installations

Add Ant

List of Ant installations on this system

Maven

Maven installations

Maven

isim Maven 3.5.2

☒ Install automatically

Install from Apache

Version 3.5.2

Add Installer

Add Maven

List of Maven installations on this system

Docker

Docker installations

Add Docker

List of Docker installations on this system

Delete Installer

Delete Maven

Save Apply

Oluşturulmuş sayfa: 31.Oca.2018 20:26:06 EET Jenkins ver. 2.89.3

5.3 Jenkins Maven Serbets Stil Projesi Ekranı

SpringE x MyCour x MyCour x New It x Jenkins x Jenkins x SpringE x PIC16F x Electro x Facebo x Yeni Sekme x

localhost:8080/view/all/newJob

Jenkins


ara

Iskender | çıkış


Jenkins Hepsi

Enter an item name


» Required field

**Serbest-stil yazılım projesi yapilandır**


Jenkins'in merkezi özelliği, projelerinizi yapılandırmanıza yardım etmesidir. Bu proje türünü kullanarak, herhangi bir yapılandırma sistemini herhangi bir Kaynak Kodu Yönetimi aracı ile birleştirebilirsiniz,ve hatta yazılım yapılandırmanın dışında başka tür projeler için dahi kullanabilirsiniz.

**Pipeline**


Orchestrates long-running activities that can span multiple build slaves. Suitable for building pipelines (formerly known as workflows) and/or organizing complex activities that do not easily fit in free-style job type.

**Çoklu-konfigürasyona sahip proje yapilandır**


Platforma Özgü yapılandırmalara sahip veya çeşitli ortamlarda test işlemi yapan projeler gibi çok fazla sayıda konfigürasyona ihtiyaç duyan projeler için uygundur.

**Folder**

Creates a container that stores nested items in it. Useful for grouping things together. Unlike view, which is just a filter, a folder creates a separate namespace, so you can have multiple things of the same name as long as they are in different folders.

**GitHub Organization**

Scans a GitHub organization (or user account) for all repositories matching some defined markers.

**Multibranch Pipeline**

Creates a set of Pipeline projects according to detected branches in one SCM repository.

Oluşturulmuş sayfa: 31 Oca.2018 20:31:12 EET [REST API](#) [Jenkins ver. 2.89.3](#)

5.4 Jenkins Maven Configure Ekranı

localhost:8080/job/Maven/configure

Jenkins > Maven >

General Kaynak Kodu Yönetimi Yapılandırma Tetikleyiciler Yapılandırma Ortamı **Yapılandırma** Yapılandırma-sonrası Aksiyonlar

Yapılandırma

En üst seviye Maven hedeflerini çalıştır

Maven Versiyonu: Maven 3.5.2

Hedefler: install

POM: SpringBootOdev/SpringBoot/pom.xml

Properties:

JVM Options:

Inject build variables: ☐

Use private Maven repository: ☐

Settings file: Use default maven settings

Global Settings file: Use default maven global settings

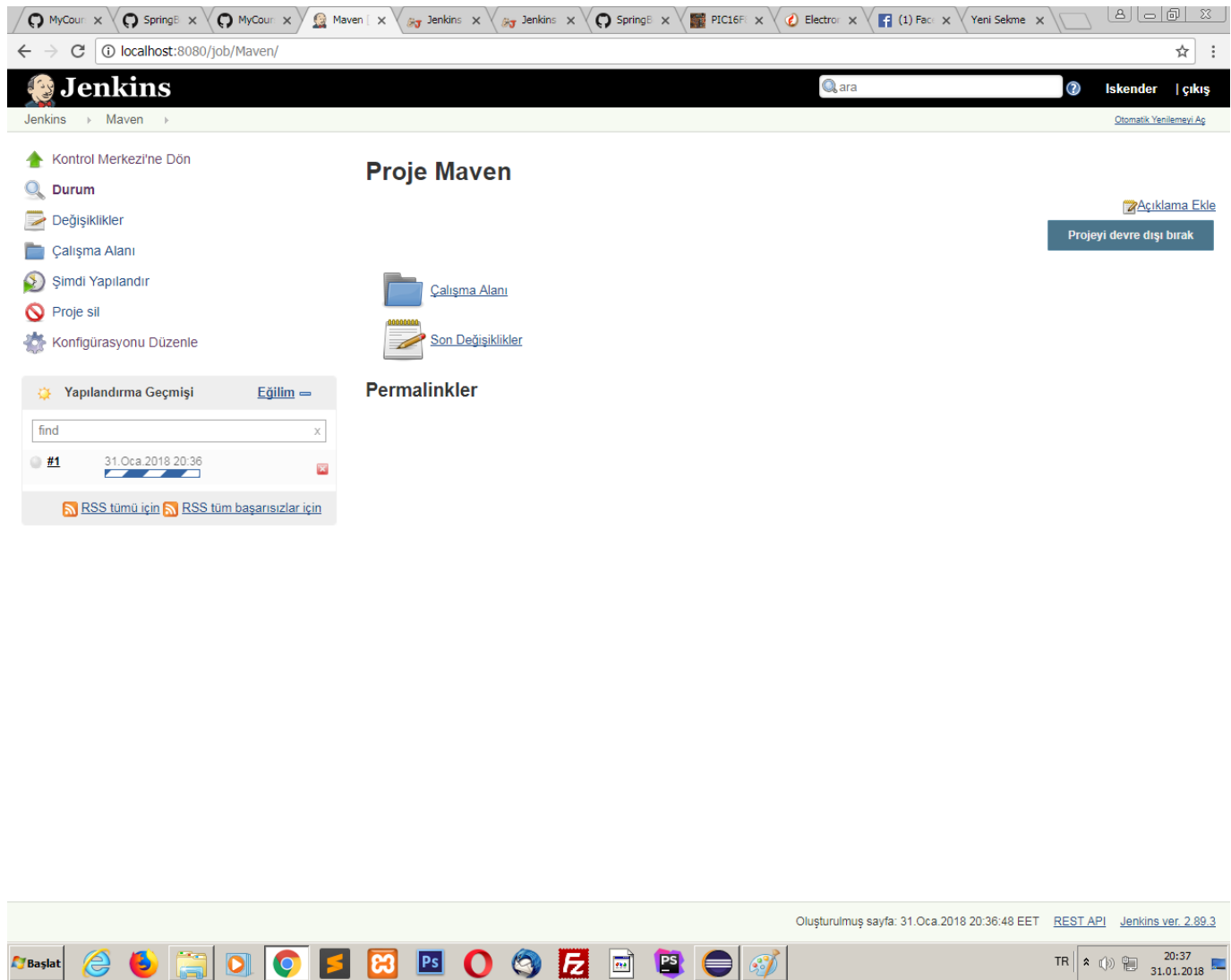
Yapılandırma adımı ekle

Yapılandırma-sonrası Aksiyonlar

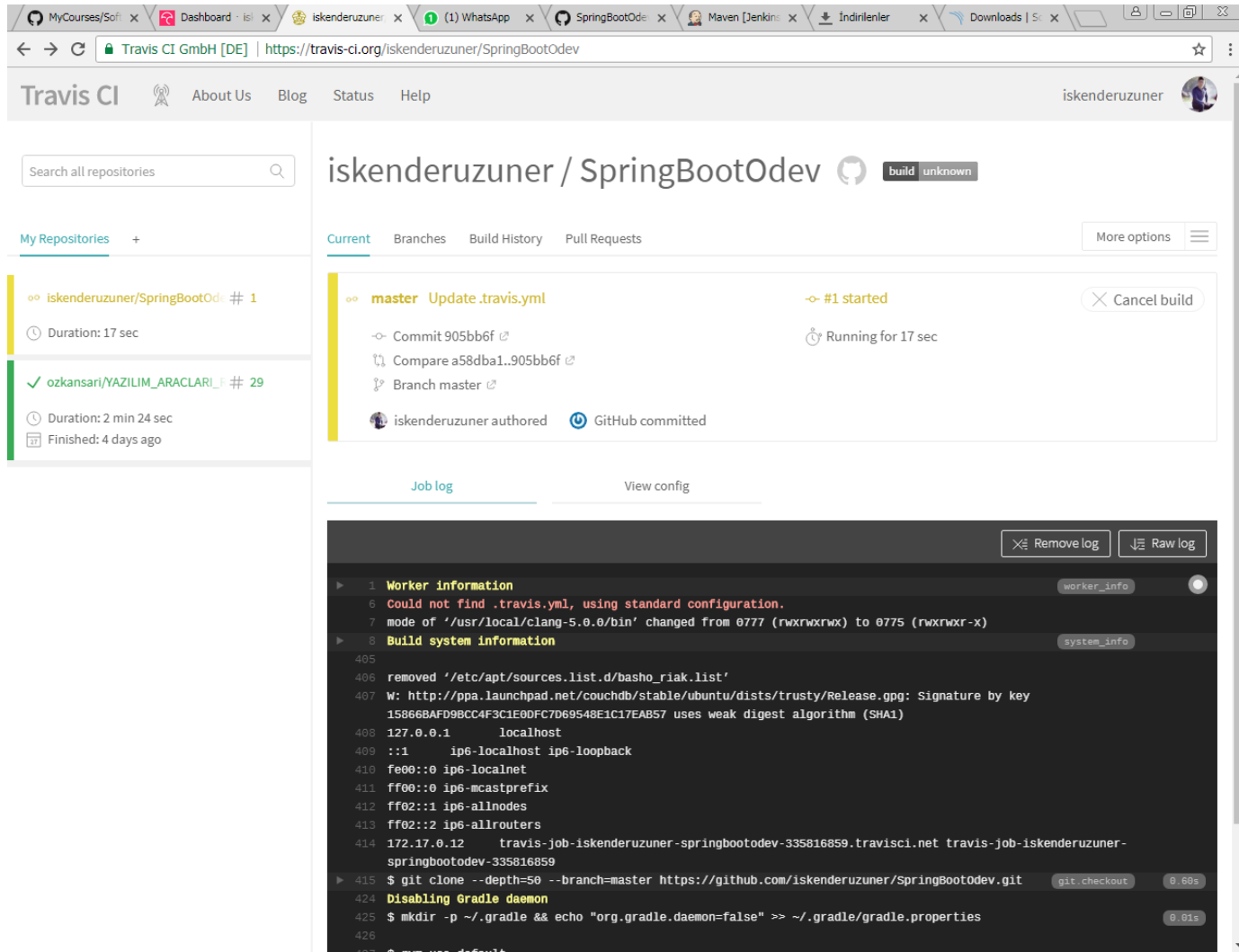
Add post-build action

Kaydet Apply

5.5 Jenkins Maven Yapılandırma Ekranı



6.0 Travis CI Ekranı



The screenshot displays the Travis CI web interface for the repository `iskenderuzuner / SpringBootOdev`. The build status is `build unknown`. The left sidebar shows a list of repositories, including `iskenderuzuner / SpringBootOdev` (build #1) and `ozkansari / YAZILIM_ARACLARI` (build #29). The main content area shows the build details for the `master` branch, including the commit `905bb6f` and the build duration of 17 seconds. The job log is visible, showing the worker information, system information, and the start of the build process.

Travis CI About Us Blog Status Help iskenderuzuner

Search all repositories

My Repositories +

- iskenderuzuner / SpringBootOdev # 1
Duration: 17 sec
- ozkansari / YAZILIM_ARACLARI # 29
Duration: 2 min 24 sec
Finished: 4 days ago

iskenderuzuner / SpringBootOdev build unknown

Current Branches Build History Pull Requests More options

master Update .travis.yml **#1 started** Cancel build

Commit 905bb6f
Compare a58dba1..905bb6f
Branch master

iskenderuzuner authored GitHub committed

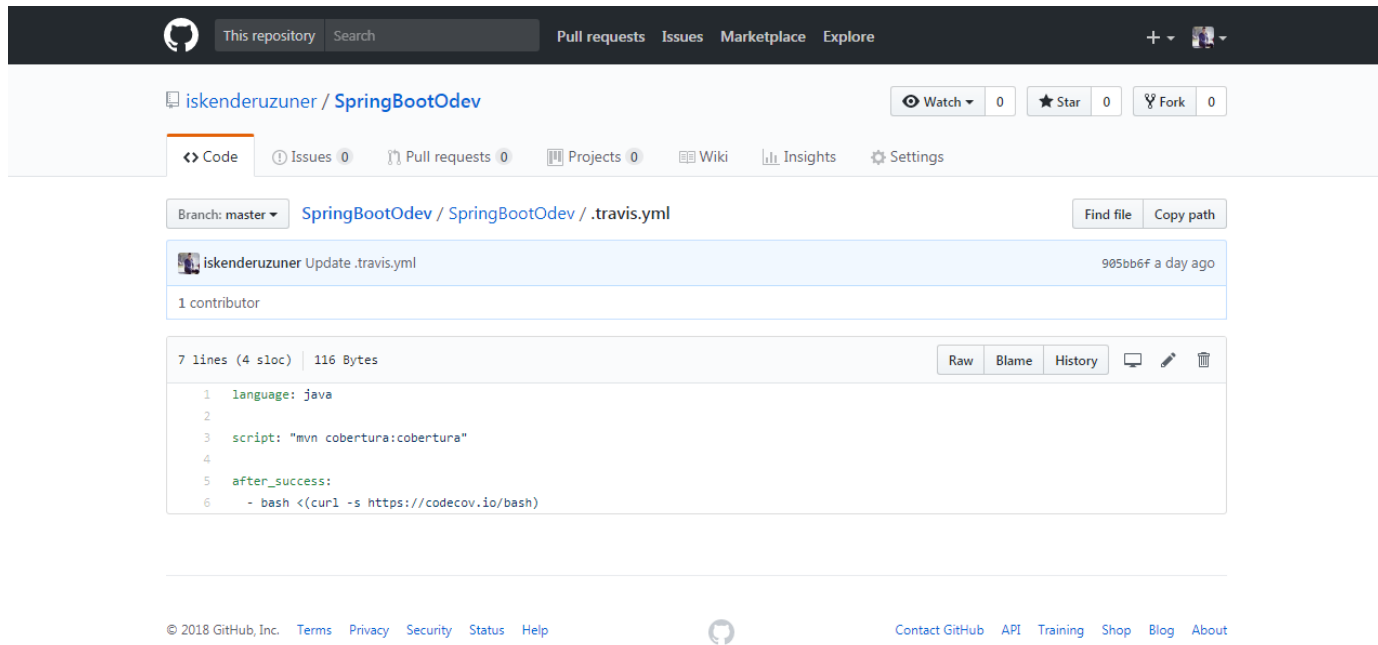
Job log View config

```
1 Worker information
6 Could not find .travis.yml, using standard configuration.
7 mode of '/usr/local/clang-5.0.0/bin' changed from 0777 (rwxrwxrwx) to 0775 (rwxrwxr-x)
8 Build system information
405 removed '/etc/apt/sources.list.d/basho-riak.list'
406 W: http://ppa.launchpad.net/couchdb/stable/ubuntu/dists/trusty/Release.gpg: Signature by key
407 15866BAFD9BCC4F3C1E0DFC7D69548E1C17EAB57 uses weak digest algorithm (SHA1)
408 127.0.0.1 localhost
409 ::1 ip6-localhost ip6-loopback
410 fe00::0 ip6-localnet
411 ff00::0 ip6-mcastprefix
412 ff02::1 ip6-allnodes
413 ff02::2 ip6-allrouters
414 172.17.0.12 travis-job-iskenderuzuner-springbootodev-335816859.travisci.net travis-job-iskenderuzuner-
springbootodev-335816859
415 $ git clone --depth=50 --branch=master https://github.com/iskenderuzuner/SpringBootOdev.git git_checkout 0.60s
424 Disabling Gradle daemon
425 $ mkdir -p ~/.gradle && echo "org.gradle.daemon=false" >> ~/.gradle/gradle.properties
426
```

6.1 Travis CI Pom.xml Ekranı

```
--
23     <project.reporting.outputEncoding>UTF-8</project.reporting.outputEncoding>
24     <java.version>1.8</java.version>
25 </properties>
26
27 <dependencies>
28     <dependency>
29         <groupId>org.springframework.boot</groupId>
30         <artifactId>spring-boot-starter-web</artifactId>
31     </dependency>
32
33     <dependency>
34         <groupId>org.springframework.boot</groupId>
35         <artifactId>spring-boot-starter-test</artifactId>
36         <scope>test</scope>
37     </dependency>
38 </dependencies>
39
40 <build>
41     <plugins>
42         <plugin>
43             <groupId>org.springframework.boot</groupId>
44             <artifactId>spring-boot-maven-plugin</artifactId>
45
46         </plugin>
47         <plugin>
48             <groupId>org.codehaus.mojo</groupId>
49             <artifactId>cobertura-maven-plugin</artifactId>
50             <version>2.7</version>
51             <configuration>
52                 <formats>
53                     <format>html</format>
54                     <format>xml</format>
55                 </formats>
56                 <check />
57             </configuration>
58         </plugin>
59     </plugins>
60 </build>
61
62
63 </project>
```

6.2 Travis CI .travis.yml Ekranı



The screenshot displays the GitHub interface for the repository 'iskenderuzuner / SpringBootOdev'. The top navigation bar includes links for 'This repository', 'Search', 'Pull requests', 'Issues', 'Marketplace', and 'Explore'. The repository name 'iskenderuzuner / SpringBootOdev' is shown with 'Watch', 'Star', and 'Fork' buttons. Below the repository name, there are tabs for 'Code', 'Issues', 'Pull requests', 'Projects', 'Wiki', 'Insights', and 'Settings'. The 'Code' tab is selected, showing the file 'SpringBootOdev / SpringBootOdev / .travis.yml'. The file is on the 'master' branch. A commit by 'iskenderuzuner' is shown, titled 'Update .travis.yml', with a commit hash '905bb6f' and a message '1 contributor'. The file content is displayed in a code editor with line numbers 1 to 6. The content of the .travis.yml file is as follows:

```
1 language: java
2
3 script: "mvn cobertura:cobertura"
4
5 after_success:
6   - bash <(curl -s https://codecov.io/bash)
```

At the bottom of the page, there is a footer with copyright information '© 2018 GitHub, Inc.', links for 'Terms', 'Privacy', 'Security', 'Status', and 'Help', the GitHub logo, and links for 'Contact GitHub', 'API', 'Training', 'Shop', 'Blog', and 'About'.

7.0 JAVADOC Ekranı

