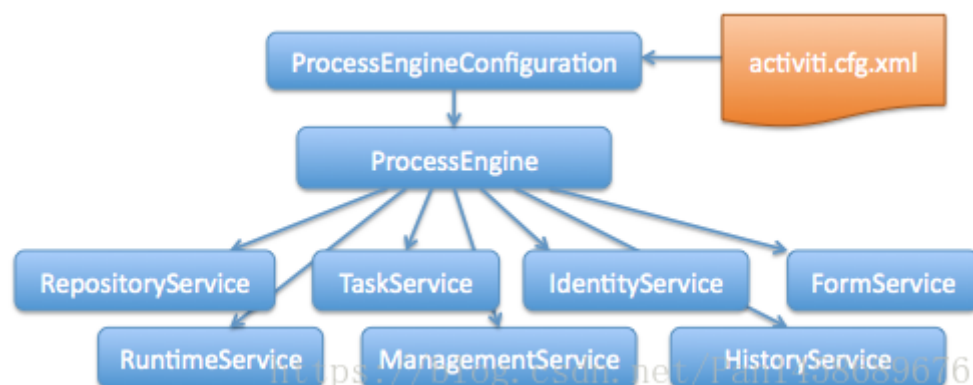


# [Activiti 6.x]

## Activiti 6.x

### API



springboot

activiti.cfg.xml

yml

yml

```
“ RepositoryService
  RuntimeService
  TaskService
  IdentityService
  ManagementService  activiti
  HistoryService
  FormService
```

## Activiti6 YML

1.

```
spring:
  activiti:
    database-schema-update: false
    check-process-definitions: false
```

activiti starter spring

**check-process-definitions**   **Activiti**   **true**   **false**   **false**

**database-schema-update**

- false
- true
- create-drop

1.

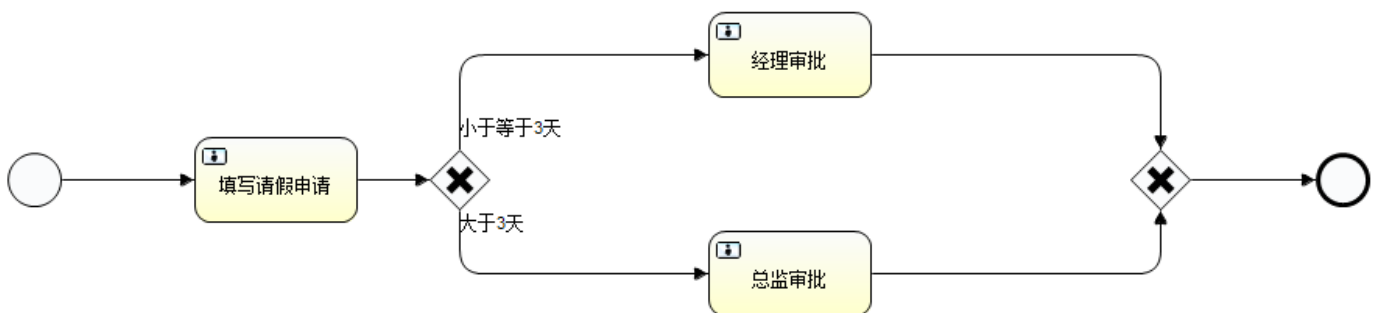
zip bpmn png

2. eclipse activiti

eclipse activiti

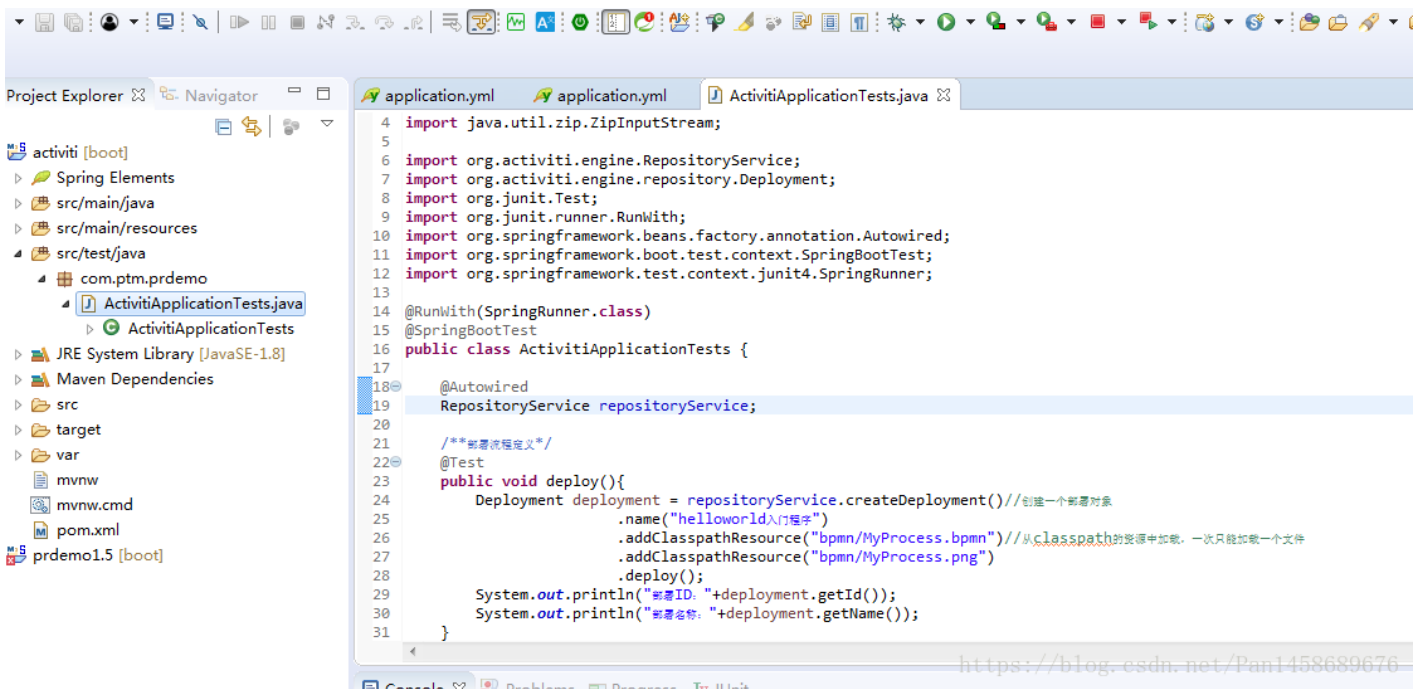
IDEA activiti

3.



<https://blog.csdn.net/Pan1458689676>

# RepositoryService



```

/**
 */
@Test
public void deploy(){
    Deployment deployment = repositoryService.createDeployment()//
        .name("helloworld ")

    .addClasspathResource("bpmn/MyProcess.bpmn")// classpath
        .addClasspathResource("bpmn/MyProcess.png")
        .deploy();

    System.out.println(" ID "+deployment.getId());
    System.out.println(" "+deployment.getName());
}

```

## “ ACT\_RE\_DEPLOYMENT

ID	NAME	CATEGORY	KEY	TENANT_ID	DEPLOY_TIME	ENGINE_VERSION
15001	SpringAutoDeployment	(NULL)	(NULL)		2018-09-09 16:00:09.770	(NULL)
17501	helloworld入门程序	(NULL)	(NULL)		2018-09-09 21:23:24.537	(NULL)

ACT\_GE\_BYTEARRAY

activiti

ID	REV	NAME	DEPLOYMENT_ID	BYTES	GEN
15002	1	E:\Workspaces\activiti\target\classes\processes\one-task-process.bpmn20.xml	15001	<?xml version="1.0" encoding="UTF-8"?><definitions	562B
17502	1	bpmn/MyProcess.bpmn	17501	<?xml version="1.0" encoding="UTF-8"?><definitions xmlns=...	5K
17503	1	bpmn/MyProcess.png	17501	(Binary/Image)	11K
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	OK

## ACT\_RE\_PROCDEF

ID	REV	CATEGORY	NAME	KEY	VERSION	DEPLOYMENT_ID	RESOURCE
myProcess:2:17504	1	123	员工请假流程	myProcess	2	17501	bpmn/My
oneTaskProcess:1:15003	1	Examples	The One Task Process	oneTaskProcess	1	15001	E:\Work
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

<https://blog.csdn.net/Pan1458689676>

## zip

```
/**      zip */
@Test
public void deployzip() throws IOException{
    InputStream in =
this.getClass().getClassLoader().getResourceAsStream("bpmn/MyProcess.zip");
    ZipInputStream zipInputStream = new ZipInputStream(in);
    Deployment deployment = repositoryService.createDeployment()
        .name("helloworld 2")
        .addZipInputStream(zipInputStream) // zip
        .deploy(); //
    System.out.println(" ID "+deployment.getId());
    System.out.println("      "+deployment.getName());
    zipInputStream.close();
}
```

PS

1 信息 2 表数据 3 信息							
ID_	REV_	CATEGORY_	NAME_	KEY_	VERSION_	DEPLOYMENT_ID_	RE
myProcess:2:17504	1	123	员工请假流程	myProcess	2	17501	bpm
myProcess:3:25004	1	123	员工请假流程	myProcess	3	25001	My
oneTaskProcess:1:15003	1	Examples	The One Task Process	oneTaskProcess	1	15001	E:\
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(NULL)	(N

<https://blog.csdn.net/Pan1458689676>

```

/**
 */
@Test
public void deleteProcess(){

    String deploymentId = "25001";
    /**
        */
    // repositoryService.deleteDeployment(deploymentId);

    /**
        emmm
    */
    repositoryService.deleteDeployment(deploymentId, true);
    System.out.println(" ");
}

```

# RuntimeService

Service

```

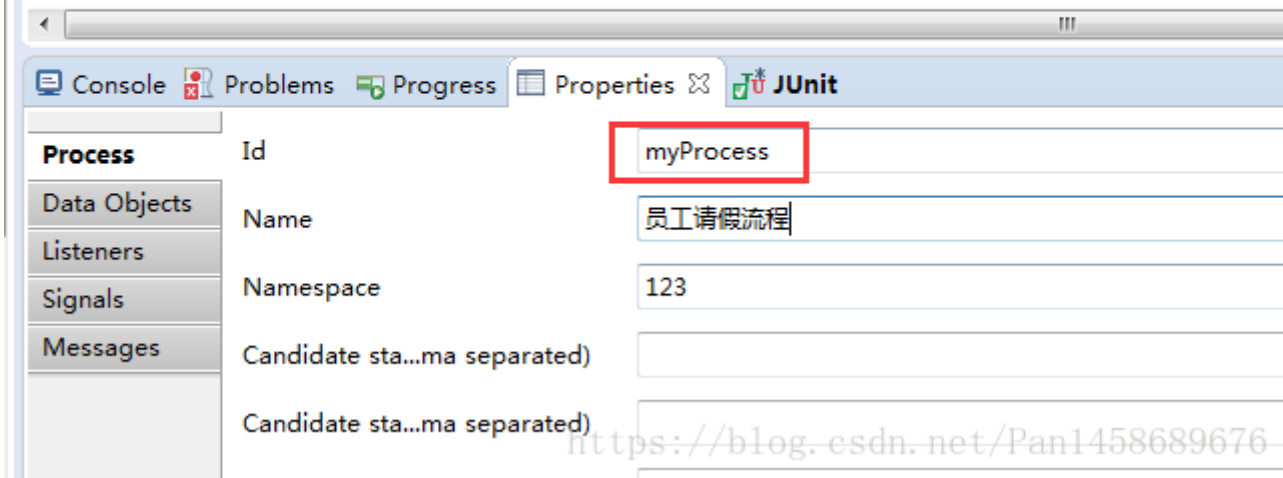
@Autowired
RuntimeService runtimeService;

```

```

/**
 */
@Test
public void startProcessInstance(){
    // key
    String processDefinitionKey = "myProcess";
    //key MyProcess.bpmn id key
    ProcessInstance pi = runtimeService.startProcessInstanceByKey(processDefinitionKey);
    System.out.println(" ID: "+pi.getId()); // ID
    System.out.println(" ID: "+pi.getProcessDefinitionId()); // ID
}

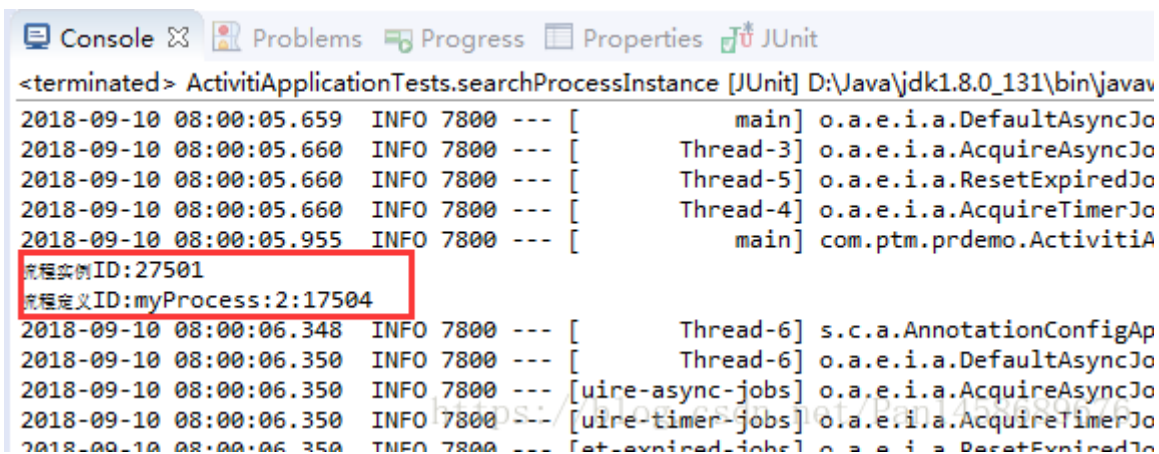
```



```

/**
 */
@Test
public void searchProcessInstance(){
    String processDefinitionKey = "myProcess";
    ProcessInstance pi = runtimeService.createProcessInstanceQuery()
        .processDefinitionKey(processDefinitionKey)
        .singleResult();
    System.out.println("    ID: "+pi.getId());
    System.out.println("    ID: "+pi.getProcessDefinitionId());
}

```



```

/**
 */
@Test
public void deleteProcessInstanceTest(){
    String processDefinitionKey = "myProcess";
}

```

```
ProcessInstance pi = runtimeService.createProcessInstanceQuery()  
    .processDefinitionKey(processDefinitionKey)  
    .singleResult();  
String processInstanceId = pi.getProcessInstanceId();  
System.out.println("    ID: "+pi.getId());  
runtimeService.deleteProcessInstance(processInstanceId, "    ");  
}
```

---

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