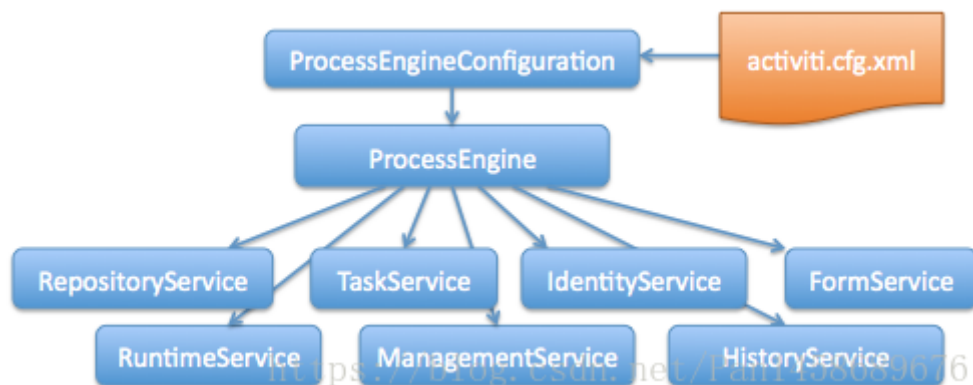


[Activiti 6.x]

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.

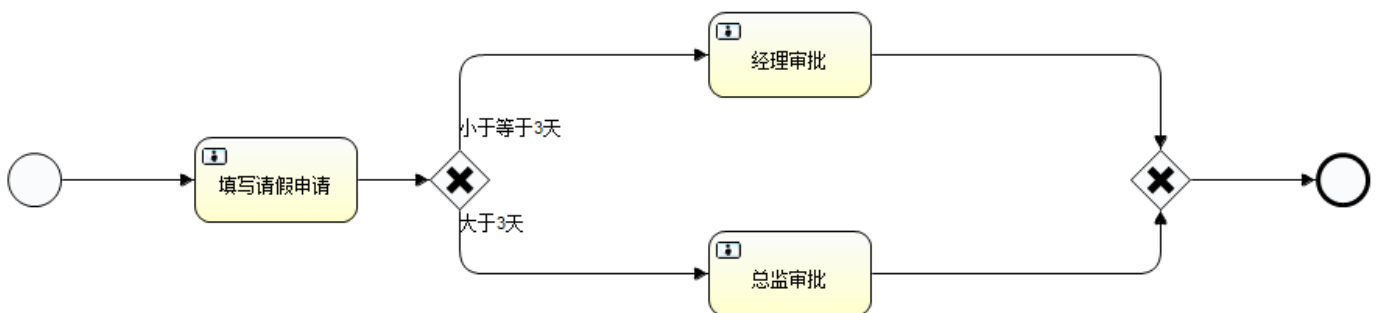
zip bpmn png

2. eclipse activiti

eclipse activiti

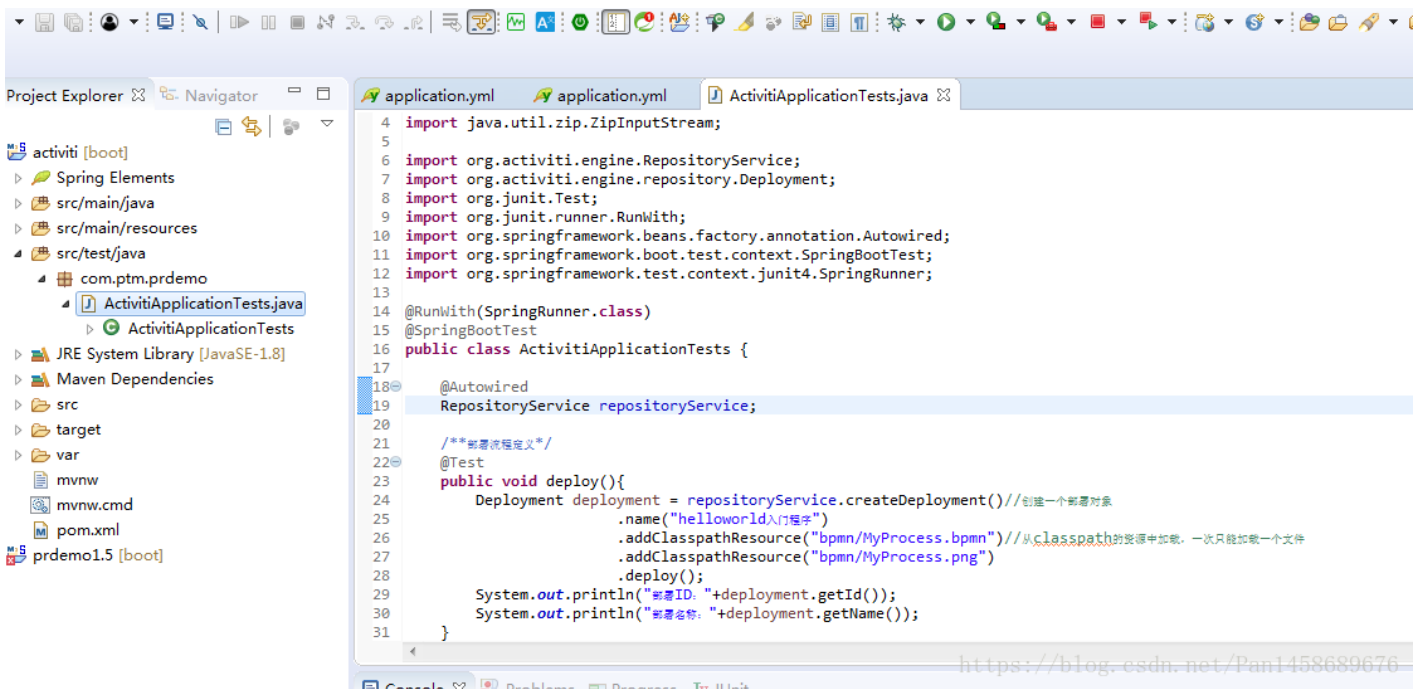
IDEA activiti

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:\Workpace\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) |

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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

```

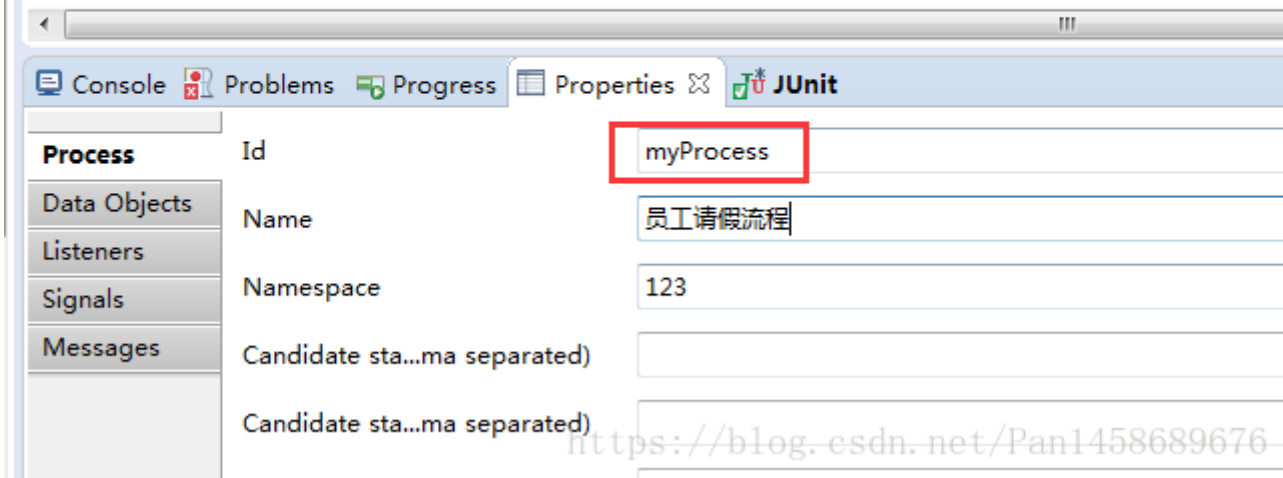
@Autowired
RuntimeService runtimeService;

```

```

/**
 */
@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
}

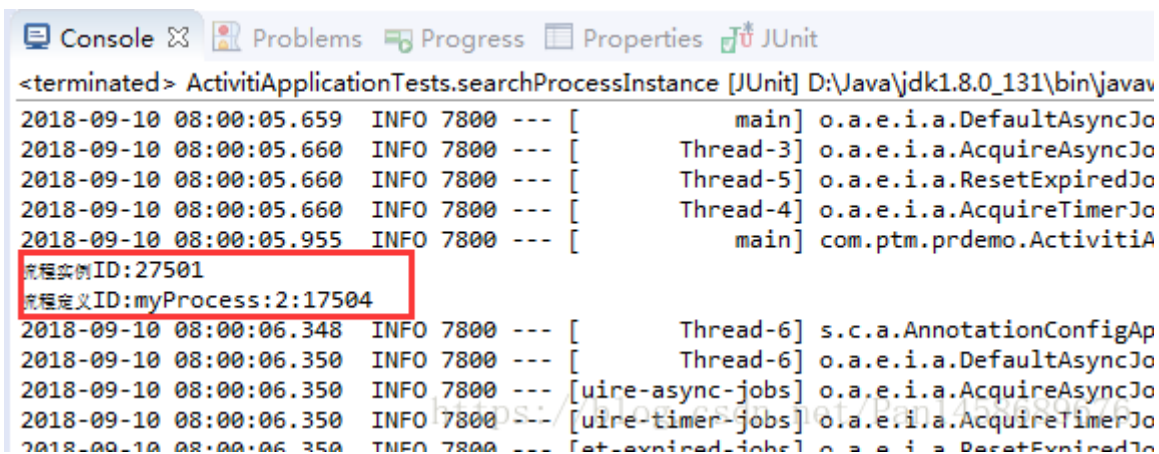
```



```

/**
 */
@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, "    ");  
}
```

Revision #1

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