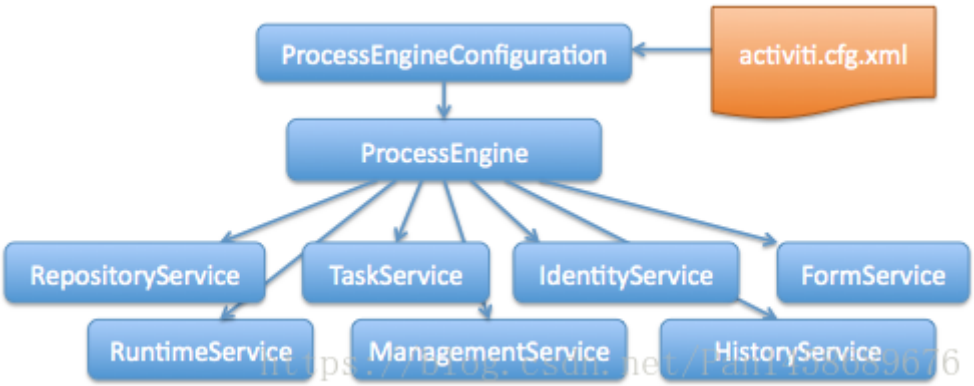
[Activiti 6.x]

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

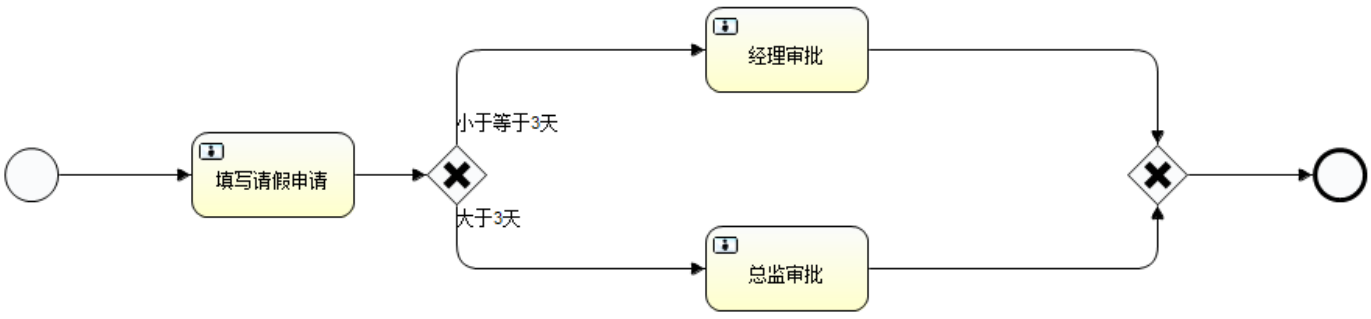
1. zip bpmn png

2. eclipse activiti

eclipse activiti

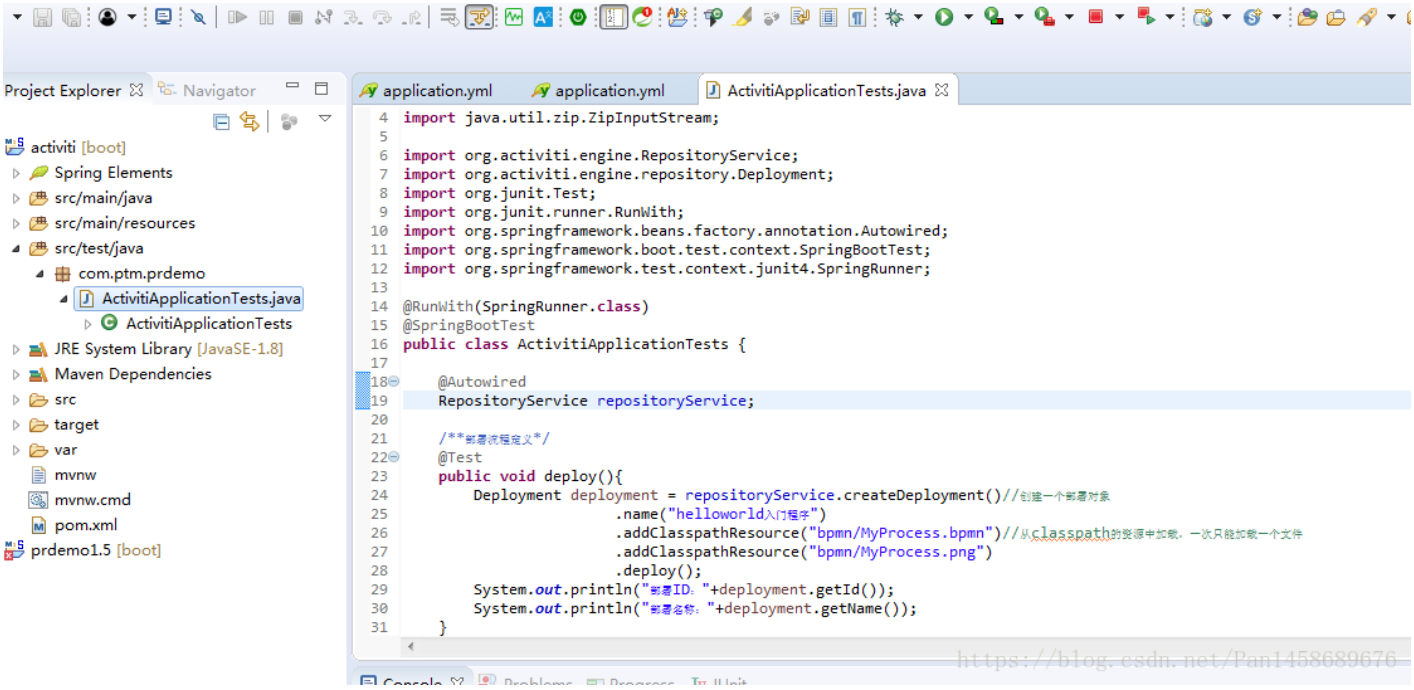
IDEA activiti

3.



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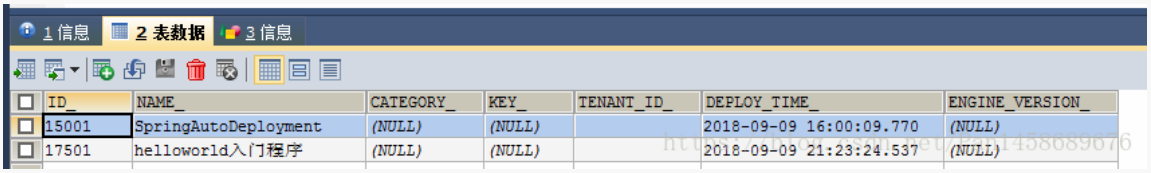
RepositoryService




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

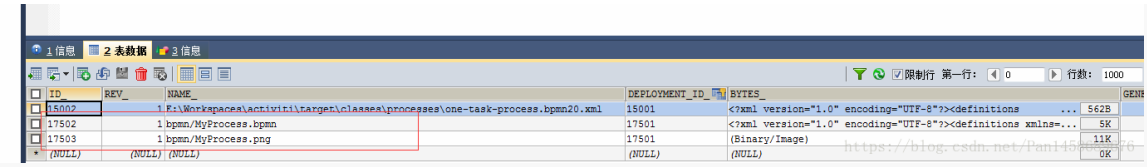
.addClasspathResource("bpmn/MyProcess.bpmn")// classpath
                    .addClasspathResource("bpmn/MyProcess.png")
                    .deploy();
    System.out.println("  ID "+deployment.getId());
    System.out.println("    "+deployment.getName());
}
```

> 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_
15002	1	E:\Workspaces\activiti\target\classes\processes\one-task-process.bpmn20.xml	15001	<?xml version="1.0" encoding="UTF-8"?><definitions ...
17502	1	bpmn/MyProcess.bpmn	17501	<?xml version="1.0" encoding="UTF-8"?><definitions xmlns=...
17503	1	bpmn/MyProcess.png	17501	(Binary/Image)
(NULL)	(NULL)	(NULL)	(NULL)	(NULL)

ACT_RE_PROCDEF



ID_	REV_	CATEGORY_	NAME_	KEY_	VERSION_	DEPLOYMENT_ID_	RESOUR(
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



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)	(NU

https://blog.csdn.net/Pan1458689676

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

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

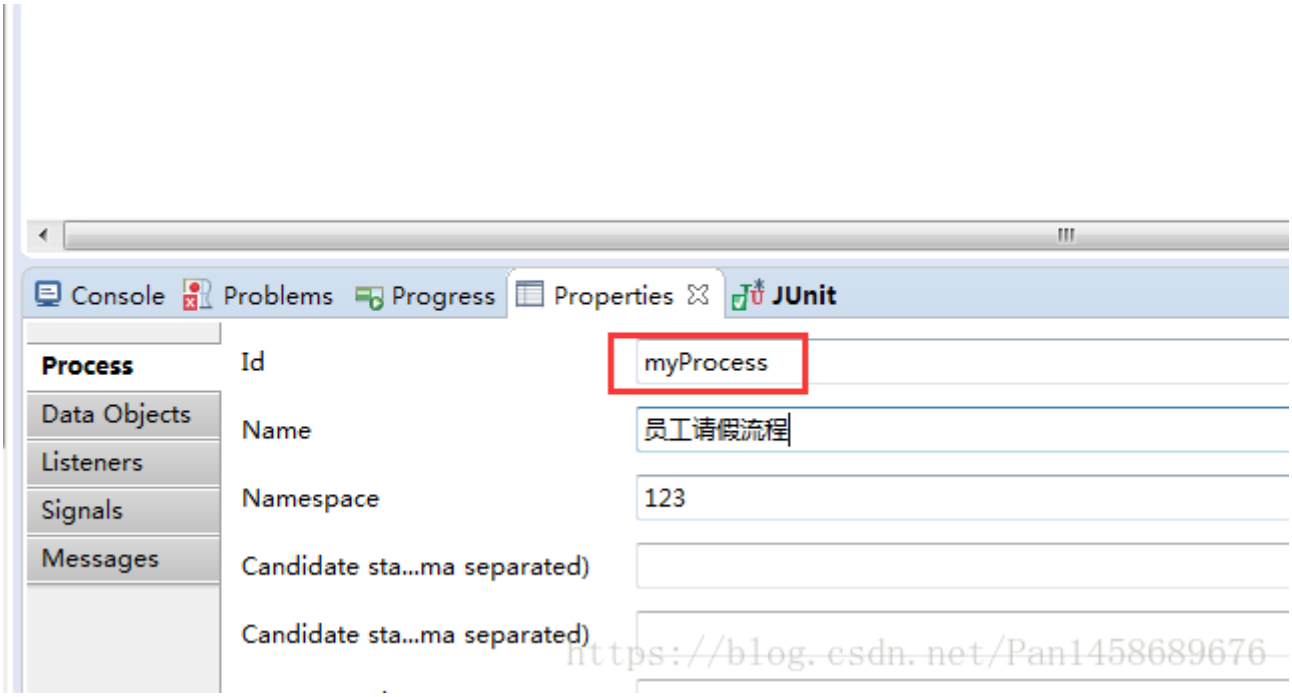
    /**                  emmm      */
    repositoryService.deleteDeployment(deploymentId, true);
    System.out.println("     ");
}
```

RuntimeService

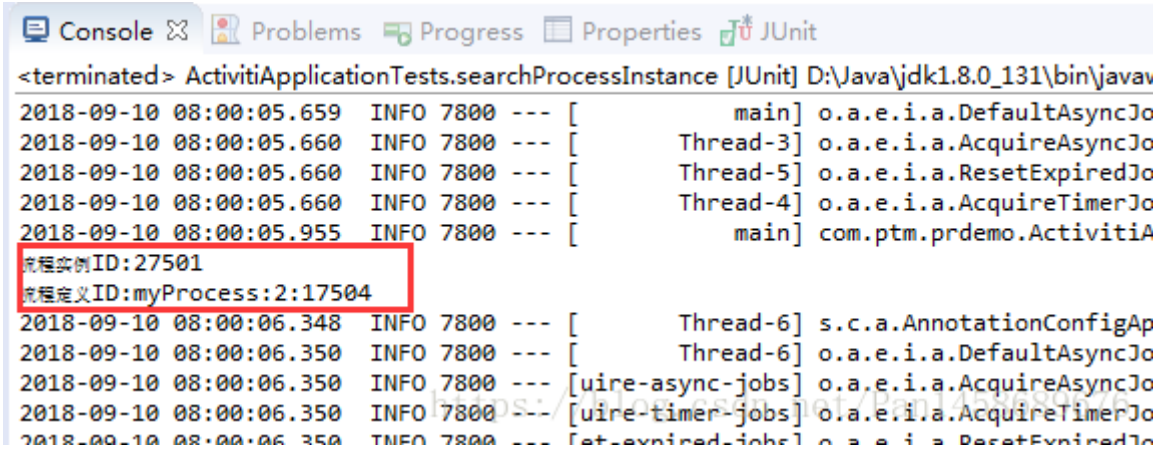
Service

```
    @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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