Activiti

```
package com.itheima.activiti;

import org.activiti.engine.ProcessEngine;
import org.activiti.engine.ProcessEngines;
import org.activiti.engine.TaskService;
import org.activiti.engine.task.Task;

/**
 *
 */
public class ActivitiTaskQuery {

    //wangwu
    public static void main(String[] args) {
        //1.  ProcessEngine
        ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

        //2.  TaskService
        TaskService taskService = processEngine.getTaskService();

        //3.      key,   assignee
        Task task = taskService.createTaskQuery()
                .processDefinitionKey("holiday")
                .taskAssignee("wangwu")
                .singleResult();

        //4.
        System.out.println("    ID:"+task.getProcessInstanceId());
        System.out.println("  ID:"+task.getId());   //5002
        System.out.println("    :"+task.getAssignee());
        System.out.println("   :"+task.getName());


    }
```

```
    //lishi
    /*public static void main(String[] args) {
        //1.  ProcessEngine
        ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

        //2.  TaskService
        TaskService taskService = processEngine.getTaskService();

        //3.      key,   assignee
        Task task = taskService.createTaskQuery()
                .processDefinitionKey("holiday")
                .taskAssignee("lishi")
                .singleResult();

        //4.
            System.out.println("    ID:"+task.getProcessInstanceId());
            System.out.println("  ID:"+task.getId());  //5002
            System.out.println("    :"+task.getAssignee());
            System.out.println("   :"+task.getName());


    }
*/

    //zhangsan
   /* public static void main(String[] args) {
        //1.  ProcessEngine
        ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

        //2.  TaskService
        TaskService taskService = processEngine.getTaskService();

        //3.      key,   assignee
        List<Task> taskList = taskService.createTaskQuery()
                .processDefinitionKey("holiday")
                .taskAssignee("zhangsan")
                .list();

        //4.
```

```
        for(Task task :taskList){
            System.out.println("    ID:"+task.getProcessInstanceId());
            System.out.println("  ID:"+task.getId());
            System.out.println("    :"+task.getAssignee());
            System.out.println("   :"+task.getName());
        }

    }*/
}
```

```
package com.itheima.activiti;

import org.activiti.engine.ProcessEngine;
import org.activiti.engine.ProcessEngines;
import org.activiti.engine.TaskService;
import org.activiti.engine.task.Task;

/**
 *
 *
 *   act_hi_actinst
     act_hi_identitylink
     act_hi_taskinst
     act_ru_identitylink
     act_ru_task
 */
public class ActivitiCompleteTask {

    //     wangwu
    public static void main(String[] args) {
        //1.  ProcessEngine
        ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

        //2.  TaskService
        TaskService taskService = processEngine.getTaskService();

        //3.
        Task task = taskService.createTaskQuery()
```

```
            .processDefinitionKey("holiday")
            .taskAssignee("wangwu")
            .singleResult();

    //4.    ,              ,  ID:task.getId()
    taskService.complete(task.getId());

    //5.    id
    System.out.println(task.getId());
}


//lishi
/*public static void main(String[] args) {
    //1.  ProcessEngine
    ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

    //2.  TaskService
    TaskService taskService = processEngine.getTaskService();

    //3.    ,              ,  ID:5002
    taskService.complete("5002");


}*/


//zhangsan
/*public static void main(String[] args) {
    //1.  ProcessEngine
    ProcessEngine processEngine = ProcessEngines.getDefaultProcessEngine();

    //2.  TaskService
    TaskService taskService = processEngine.getTaskService();

    //3.    ,              ,  ID:2505
    taskService.complete("2505");
```

```
    }*/
}
```

```
-- com.itheima.activiti.ActivitiCompleteTask
SELECT * FROM act_hi_actinst
SELECT * FROM act_hi_identitylink
SELECT * FROM act_hi_taskinst
SELECT * FROM act_ru_identitylink
SELECT * FROM act_ru_task
```

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