

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
```

Revision #2

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