# Testcase

```
## 状态机测试报告
# 添加配置 From APPROVED To CANCEL
node index post api/meta/entity/BankTransaction/status --filter='{"entityTableName":"bank_transaction","fromStatus":"APPROVED","toStatus":"CANCEL"}' --only --report
# 查看实体所有状态流配置
node index get api/meta/entity/BankTransaction/status --report
# 查看链式状态流配置
node index get api/meta/entity/BankTransaction/status/linked --report
# 审批通过
node index post api/meta/entity/BankTransaction/entities/1/action/pass --filter='{"note":"同意"}' --only --report
# 审批不通过
node index post api/meta/entity/BankTransaction/entities/1/action/reject --filter='{"note":"拒绝"}' --only --report
# 审批不通过
node index post api/meta/entity/BankTransaction/entities/1/action/reject --filter='{"note":"拒绝"}' --only --report
# 关闭
node index post api/meta/entity/BankTransaction/entities/1/action/cancel --filter='{"note":"关闭"}' --only --report
# 测试审批已关闭数据
node index post api/meta/entity/BankTransaction/entities/1/action/pass --filter='{"note":"同意"}' --only --report
# 查看id=1的工作流
node index get api/meta/workflow/entity/BankTransaction/entities/1 --report
# ids: 2. status: from SUBMITTED to APPROVED. ids: 3. status: from APPROVED to END
node index post api/meta/entity/BankTransaction/entities/action/bulk/pass --filter='{"ids":[2,3],"addition":{"note":"同意"}}' --only --report
# ids: 2. status: from APPROVED to SUBMITTED. ids: 3. status: from END to APPROVED
node index post api/meta/entity/BankTransaction/entities/action/bulk/reject --filter='{"ids":[2,3],"addition":{"note":"拒绝"}}' --only --report
# ids: 2. status: from SUBMITTED to CANCEL. ids: 3. status: from END to CANCEL
node index post api/meta/entity/BankTransaction/entities/action/bulk/cancel --filter='{"ids":[2,3],"addition":{"note":"关闭"}}' --only --report
# 查看id=2的工作流
node index get api/meta/workflow/entity/BankTransaction/entities/2 --report
# 查看id=3的工作流
node index get api/meta/workflow/entity/BankTransaction/entities/3 --report
```

# Start

## 1、添加配置 From APPROVED To CANCEL

**post--api/meta/entity/BankTransaction/status**

Body: {"entityTableName":"bank_transaction","fromStatus":"APPROVED","toStatus":"CANCEL"}

data

| code | message | data |
|------|---------|------|
| 200 | 鏇存柊鎴愬姛鍟? | 1 |

## 2、查看实体所有状态流配置

**get--api/meta/entity/BankTransaction/status**

data

| row | id | entity | fromStatus | toStatus | permission |
|-----|-----|--------|------------|----------|------------|
| 0 | 30 | BankTransaction | APPROVED | CANCEL | |
| 1 | 15 | BankTransaction | APPROVED | END | |
| 2 | 11 | BankTransaction | APPROVED | SUBMITTED | |
| 3 | 9 | BankTransaction | START | SUBMITTED | |
| 4 | 10 | BankTransaction | SUBMITTED | APPROVED | |
| 5 | 24 | BankTransaction | SUBMITTED | CANCEL | |

## 3、查看链式状态流配置

**get--api/meta/entity/BankTransaction/status/linked**

data

| row | id | entity | fromStatus | toStatus | permission |
|-----|-----|--------|------------|----------|------------|
| 0 | 10 | BankTransaction | SUBMITTED | APPROVED | |
| 1 | 15 | BankTransaction | APPROVED | END | |

## 4、审批通过

**post--api/meta/entity/BankTransaction/entities/1/action/pass**

Body: {"note":"同意"}

data

| code | message | data |
|------|---------|------|
| 200 | 鏇存柊鎴愬姛鍟? | 1 |

## 5、审批不通过

**post--api/meta/entity/BankTransaction/entities/1/action/reject**

Body: {"note":"拒绝"}

data

| code | message | data |
|------|---------|------|
| 200 | 鏇存柊鎴愬姛鍟? | 1 |

## 6、审批不通过

**post--api/meta/entity/BankTransaction/entities/1/action/reject**

Body: {"note":"拒绝"}

data

| code | message | errors |
|------|---------|--------|
| 4000 | [Meta]不通过审批操作失败，缺失配置，fromStatus=SUBMITTED | [] |

## 7、关闭

**post--api/meta/entity/BankTransaction/entities/1/action/cancel**

Body: {"note":"关闭"}

data

| code | message | data |
|------|---------|------|
| 200 | 鏇存柊鎴愬姛鍟? | 1 |

## 8、测试审批已关闭数据

**post--api/meta/entity/BankTransaction/entities/1/action/pass**

Body: {"note":"同意"}

data

| code | message | errors |
|------|---------|--------|
| 4000 | [Meta]通过审批操作失败，缺失配置，fromStatus=CANCEL | [] |

## 9、查看id=1的工作流

**get--api/meta/workflow/entity/BankTransaction/entities/1**

data

| row | id | entity | entityId | note | fromStatus | toStatus | createdById | createdBy | field1 | field2 |
|-----|----|--------|----------|------|-----------|----------|-------------|-----------|--------|--------|
| 0 | 32 | BankTransaction | 1 | 同意 | SUBMITTED | APPROVED | 876708082437197800 | admin | | |
| 1 | 33 | BankTransaction | 1 | 拒绝 | APPROVED | SUBMITTED | 876708082437197800 | admin | | |
| 2 | 34 | BankTransaction | 1 | 关闭 | SUBMITTED | CANCEL | 876708082437197800 | admin | | |

## 10、ids：2，status：from SUBMITTED to APPROVED。ids：3，status：from APPROVED to END

**post--api/meta/entity/BankTransaction/entities/action/bulk/pass**

Body: {"ids":[2,3],"addition":{"note":"同意"}}

data

| success | failure |
|---------|---------|
| {"code":200,"message… | null |

data#success

| code | message | count |
|------|---------|-------|
| 200 | [Meta]操作成功 | 2 |

## 11、ids：2，status：from APPROVED to SUBMITTED。ids：3，status：from END to APPROVED

**post--api/meta/entity/BankTransaction/entities/action/bulk/reject**

Body: {"ids":[2,3],"addition":{"note":"拒绝"}}

data

| success | failure |
|---------|---------|
| {"code":200,"message… | [{"code":4005,"messa… |

data#success

| code | message | count |
|------|---------|-------|
| 200 | [Meta]操作成功 | 1 |

data#failure

| row | code | message | count |
|-----|------|---------|-------|
| 0 | 4005 | [Meta]操作被禁止，状态不允许跳转或配置缺失 | 1 |

## 12、ids：2，status：from SUBMITTED to CANCEL。ids：3，status：from END to CANCEL

**post--api/meta/entity/BankTransaction/entities/action/bulk/cancel**

Body: {"ids":[2,3],"addition":{"note":"关闭"}}

data

| success | failure |
|---------|---------|
| {"code":200,"message… | [{"code":4005,"messa… |

data#success

| code | message | count |
|------|---------|-------|
| 200 | [Meta]操作成功 | 1 |

data#failure

| row | code | message | count |
|-----|------|---------|-------|
| 0 | 4005 | [Meta]操作被禁止，状态不允许跳转或配置缺失 | 1 |

## 13、查看id=2的工作流

**get--api/meta/workflow/entity/BankTransaction/entities/2**

data

| row | id | entity | entityId | note | fromStatus | toStatus | createdById | createdBy | field1 | field2 |
|-----|----|--------|----------|------|-----------|----------|-------------|-----------|--------|--------|
| 0 | 35 | BankTransaction | 2 | 同意 | SUBMITTED | APPROVED | 876708082437197800 | admin | | |
| 1 | 37 | BankTransaction | 2 | 拒绝 | APPROVED | SUBMITTED | 876708082437197800 | admin | | |
| 2 | 38 | BankTransaction | 2 | 关闭 | SUBMITTED | CANCEL | 876708082437197800 | admin | | |

## 14、查看id=3的工作流

**get--api/meta/workflow/entity/BankTransaction/entities/3**

data

| row | id | entity | entityId | note | fromStatus | toStatus | createdById | createdBy | field1 | field2 |
|-----|----|--------|----------|------|-----------|----------|-------------|-----------|--------|--------|
| 0 | 36 | BankTransaction | 3 | 同意 | APPROVED | END | 876708082437197800 | admin | | |