



# Workflow

```
public void transfer(Account from,  
                    Account to,  
                    String refId,  
                    Amount amount) {  
  
    accounts.withdraw(from, amount, refId);  
    accounts.deposit(to, amount, refId);  
  
}
```





















# Execution History

1. WorkflowExecutionStarted (transfer)
2. WorkflowTaskScheduled
3. WorkflowTaskStarted
4. WorkflowTaskCompleted
5. ActivityTaskScheduled (withdraw)
6. ActivityTaskStarted (withdraw)
7. ActivityTaskCompleted (withdraw)
8. WorkflowTaskScheduled
9. WorkflowTaskStarted



Restarting execution after failure





Command

Schedule Activity: withdraw





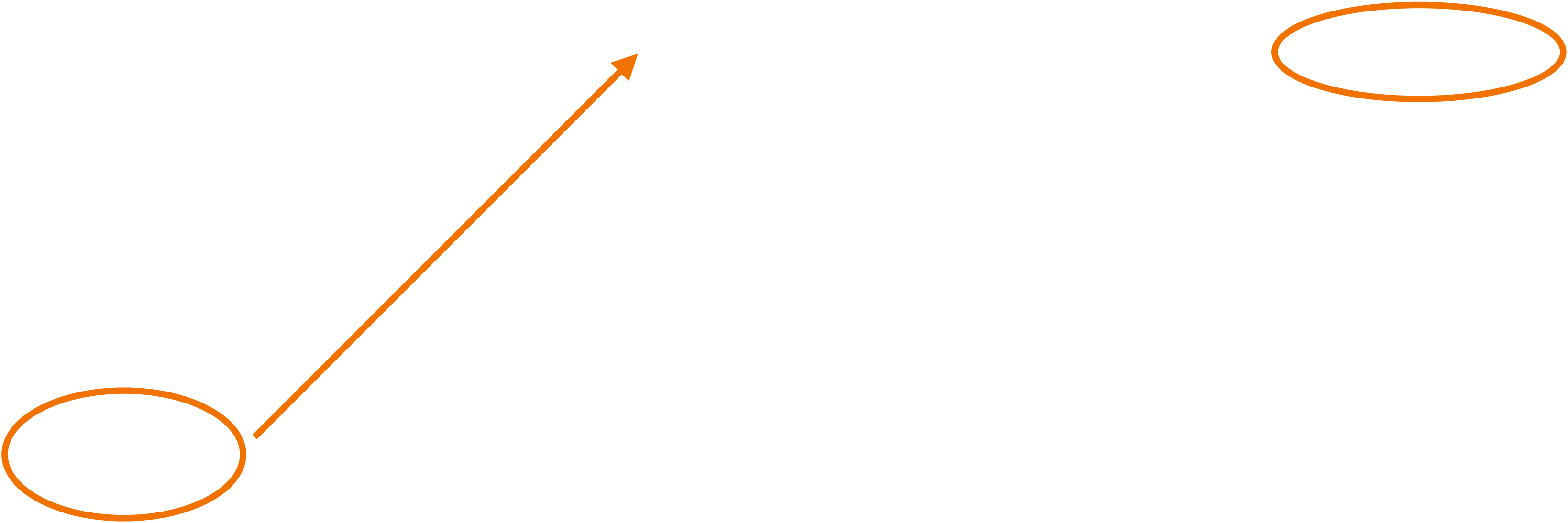


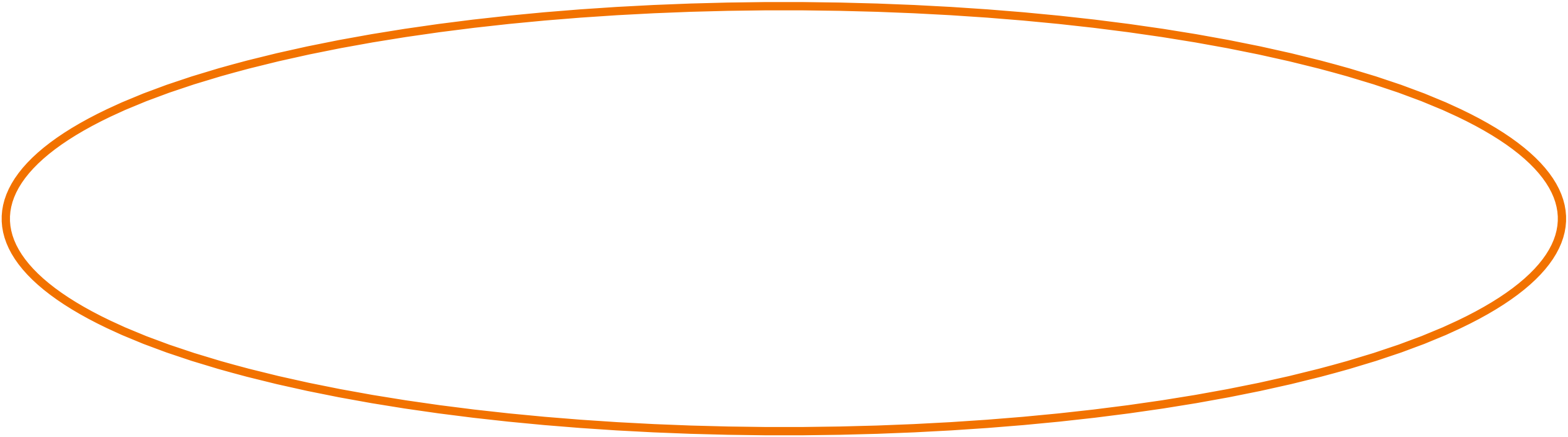
Client Application

Schedule Activity: deposit









# Resuming execution after failure

## Client Application

### Workflow

```
public void transfer(Account from,  
                    Account to,  
                    String refId,  
                    Amount amount) {  
  
    accounts.withdraw(from, amount, refId);  
    accounts.deposit(to, amount, refId);  
  
}
```

### Commands

ScheduleActivity: deposit

## Execution History

1. WorkflowExecutionStarted (transfer)
2. WorkflowTaskScheduled
3. WorkflowTaskStarted
4. WorkflowTaskCompleted
5. ActivityTaskScheduled (withdraw)
6. ActivityTaskStarted (withdraw)
7. ActivityTaskCompleted (withdraw)
8. WorkflowTaskScheduled
9. WorkflowTaskStarted

# Temporal Server Deployment

